Table 1.0 Results of the Analysis for BNA(for PAH's) in Oil/Product
St. Croix Cistern Product Samples: WA# 0-116

SERAS SOP#1804 & #1805												
SERAS Sample No.	012003-01			012003-04			012003-07			012003-07 Dup.			012003-10		
Sample ID	HCN Product #1			LCGO Product #2			HCGO Product #1			HCGO Product #1 Dup.			Coker Off Gas NO.1		
GC/MS File Name	WS7225			WS7226			WS7221			WS7222			WS7237		
Matrix	Oil/Product			Oil/Product			Oil/Product			Oil/Product			Oil/Product		
Dilution Factor	1			1			2			2			1		
Extraction	0.201g in 10mL			0.202g in 10mL			0.211g in 10mL			0.208g in 10mL			0.221g in 10mL		
Compound Name	Conc. mg/Kg		RL mg/Kg	Conc. mg/Kg		RL mg/Kg	Conc. mg/Kg		RL mg/Kg	Conc. mg/Kg		RL mg/Kg	Conc. mg/Kg		RL mg/Kg
Phenol	U		498	U		495	U		948	U		962	U		452
bis(-2-Chloroethyl)Ether	U		498	U		495	U		948	U		962	U		452
2-Chlorophenol	U		498	U		495	U		948	U		962	U		452
1,3-Dichlorobenzene	U		498	U		495	U		948	U		962	U		452
1,4-Dichlorobenzene	U		498	U		495	U		948	U		962	U		452
Benzyl alcohol	U		498	U		495	U		948	U		962	U		452
1,2-Dichlorobenzene	U		498	U		495	U		948	U		962	U		452
2-Methylphenol	U		498	U		495	U		948	U		962	U		452
bis(2-Chloroisopropyl)ether	U		498	U		495	U		948	U		962	U		452
4-Methylphenol	U		498	U		495	U		948	U		962	U		452
N-Nitroso-Di-n-propylamine	U		498	U		495	U		948	U		962	U		452
Hexachloroethane	U		498	U		495	U		948	U		962	U		452
Nitrobenzene	U		498	U		495	U		948	U		962	U		452
Isophorone	U		498	U		495	U		948	U		962	U		452
2-Nitrophenol	U		498	U		495	U		948	U		962	U		452
2,4-Dimethylphenol	U		498	U		495	U		948	U		962	U		452
bis(2-Chloroethoxy)methane	U		498	U		495	U		948	U		962	U		452
2,4-Dichlorophenol	U		498	U		495	U		948	U		962	U		452
1,2,4-Trichlorobenzene	U		498	U		495	U		948	U		962	U		452
Naphthalene	17.9	J	498	684		495	17.1	J	948	16.3	J	962	143	J	452
4-Chloroaniline	U		498	U		495	U		948	U		962	U		452
Hexachlorobutadiene	U		498	U		495	U		948	U		962	U		452
4-Chloro-3-methylphenol	U		498	U		495	U		948	U		962	U		452
2-Methylnaphthalene	U		498	1990		495	66.4	J	948	67.3	J	962	92.3	J	452
Hexachlorocyclopentadiene	U		498	U		495	U		948	U		962	U		452
2,4,6-Trichlorophenol	U		498	U		495	U		948	U		962	U		452
2,4,5-Trichlorophenol	U		498	U		495	U		948	U		962	U		452
2-Chloronaphthalene	U		498	U		495	U		948	U		962	U		452
2-Nitroaniline	U		498	U		495	U		948	U		962	U		452
Dimethylphthalate	U		498	U		495	U		948	U		962	U		452
Acenaphthylene	U		498	U		495	U		948	U		962	U		452
2,6-Dinitrotoluene	U		498	U		495	U		948	U		962	U		452
3-Nitroaniline	U		498	U		495	U		948	U		962	U		452
Acenaphthene	U		498	U		495	23.7	J	948	23.1	J	962	U		452
2,4-Dinitrophenol	U		498	U		495	U		948	U		962	U		452
4-Nitrophenol	U		498	U		495	U		948	U		962	U		452
Dibenzofuran	U		498	U		495	U		948	U		962	U		452
2,4-Dinitrotoluene	U		498	U		495	U		948	U		962	U		452
Diethylphthalate	U		498	U		495	U		948	U		962	U		452
4-Chlorophenyl-phenylether	U		498	U		495	U		948	U		962	U		452
Fluorene	U		498	175	J	495	33.2	J	948	31.7	J	962	U		452
4-Nitroaniline	U		498	U		495	U		948	U		962	U		452
4,6-Dinitro-2-methylphenol	U		498	U		495	U		948	U		962	U		452
N-Nitrosodiphenylamine	U		498	U		495	U		948	U		962	U		452
4-Bromophenyl-phenylether	U		498	U		495	U		948	U		962	U		452
Hexachlorobenzene	U		498	U		495	U		948	U		962	U		452
Pentachlorophenol	U		498	U		495	U		948	U		962	U		452
Phenanthrene	U		498	182	J	495	159	J	948	155	J	962	U		452
Anthracene	U		498	U		495	112	J	948	105	J	962	U		452
Carbazole	U		498	U		495	U		948	U		962	U		452
Di-n-butylphthalate	U		498	U		495	U		948	U		962	U		452
Fluoranthene	U		498	U		495	U		948	U		962	U		452
Pyrene	U		498	10.9	J	495	212	J	948	187	J	962	U		452
Butylbenzylphthalate	U		498	U		495	U		948	U		962	U		452
Benzo(a)anthracene	U		498	U		495	133	J	948	117	J	962	U		452
3,3'-Dichlorobenzidine	U		498	U		495	U		948	U		962	U		452
Chrysene	U		498	U		495	139	J	948	127	J	962	U		452
Bis(2-Ethylhexyl)phthalate	U		498	U		495	U		948	U		962	U		452
Di-n-octylphthalate	U		498	U		495	U		948	U		962	U		452
Benzo(b)fluoranthene	U		498	U		495	U		948	U		962	U		452
Benzo(k)fluoranthene	U		498	U		495	U		948	U		962	U		452
Benzo(a)pyrene	U		498	U		495	85.3	J	948	73.1	J	962	U		452
Indeno(1,2,3-cd)pyrene	U		498	U		495	U		948	U		962	U		452
Dibenzo(a,h)anthracene	U		498	U		495	U		948	U		962	U		452
Benzo(g,h,i)perylene	U		498	U		495	U		948	U		962	U		452

Table 1.0 Results of the Analysis for PAH's in Oil/Product
St. Croix Cistern Product Samples: WA# 0-116

SERAS GC/MS SIM SOP#1803												
SERAS Sample No.	012003-01			012003-04			012003-07			012003-10		
Sample ID	HCN Product #1			LCGO Product #2			HCGO Product #1			Coker Off Gas NO.1		
GC/MS File Name	SL01765			SL01766			SL01767			SL01769		
Matrix	Oil/Product			Oil/Product			Oil/Product			Oil/Product		
Dilution Factor	4			4			2			4		
Extraction	0.201g in 10mL			0.202g in 10mL			0.211g in 10mL			0.208g in 10mL		
Compound Name	Conc. mg/Kg		RL mg/Kg	Conc. mg/Kg		RL mg/Kg	Conc. mg/Kg		RL mg/Kg	Conc. mg/Kg		RL mg/Kg
Phenol	U		199	U		198	U		94.8	U		181
bis(-2-Chloroethyl)Ether	U		199	U		198	U		94.8	U		181
2-Chlorophenol	U		199	U		198	U		94.8	U		181
1,3-Dichlorobenzene	U		199	U		198	U		94.8	U		181
1,4-Dichlorobenzene	U		199	U		198	U		94.8	U		181
Benzyl alcohol	U		199	U		198	U		94.8	U		181
1,2-Dichlorobenzene	U		199	U		198	U		94.8	U		181
2-Methylphenol	U		199	U		198	U		94.8	U		181
bis(2-Chloroisopropyl)ether	U		199	U		198	U		94.8	U		181
4-Methylphenol	U		199	U		198	U		94.8	U		181
N-Nitroso-Di-n-propylamine	U		199	U		198	U		94.8	U		181
Hexachloroethane	U		199	U		198	U		94.8	U		181
Nitrobenzene	U		199	U		198	U		94.8	U		181
Isophorone	U		199	U		198	U		94.8	U		181
2-Nitrophenol	U		199	U		198	U		94.8	U		181
2,4-Dimethylphenol	U		199	U		198	U		94.8	U		181
bis(2-Chloroethoxy)methane	U		199	U		198	U		94.8	U		181
2,4-Dichlorophenol	U		199	U		198	U		94.8	U		181
1,2,4-Trichlorobenzene	U		199	U		198	U		94.8	U		181
Naphthalene	19.9	J	199	800	J	198	14.2	J	94.8	125	J	181
4-Chloroaniline	U		199	U		198	U		94.8	U		181
Hexachlorobutadiene	U		199	U		198	U		94.8	U		181
4-Chloro-3-methylphenol	U		199	U		198	U		94.8	U		181
2-Methylnaphthalene	U		199	1800	J	198	52.1	J	94.8	70.6	J	181
Hexachlorocyclopentadiene	U		199	U		198	U		94.8	U		181
2,4,6-Trichlorophenol	U		199	U		198	U		94.8	U		181
2,4,5-Trichlorophenol	U		199	U		198	U		94.8	U		181
2-Chloronaphthalene	U		199	U		198	U		94.8	U		181
2-Nitroaniline	U		199	U		198	U		94.8	U		181
Dimethylphthalate	U		199	U		198	U		94.8	U		181
Acenaphthylene	U		199	U		198	U		94.8	U		181
2,6-Dinitrotoluene	U		199	U		198	U		94.8	U		181
3-Nitroaniline	U		199	U		198	U		94.8	U		181
Acenaphthene	U		199	156	J	198	13.3	J	94.8	U		181
2,4-Dinitrophenol	U		199	U		198	U		94.8	U		181
4-Nitrophenol	U		199	U		198	U		94.8	U		181
Dibenzofuran	U		199	U		198	U		94.8	U		181
2,4-Dinitrotoluene	U		199	U		198	U		94.8	U		181
Diethylphthalate	U		199	U		198	U		94.8	U		181
4-Chlorophenyl-phenylether	U		199	U		198	U		94.8	U		181
Fluorene	U		199	133	J	198	21.8	J	94.8	U		181
4-Nitroaniline	U		199	U		198	U		94.8	U		181
4,6-Dinitro-2-methylphenol	U		199	U		198	U		94.8	U		181
N-Nitrosodiphenylamine	U		199	U		198	U		94.8	U		181
4-Bromophenyl-phenylether	U		199	U		198	U		94.8	U		181
Hexachlorobenzene	U		199	U		198	U		94.8	U		181
Pentachlorophenol	U		199	U		198	U		94.8	U		181
Phenanthrene	U		199	156	J	198	129	J	94.8	U		181
Anthracene	U		199	U		198	U		94.8	U		181
Carbazole	U		199	U		198	U		94.8	U		181
Di-n-butylphthalate	U		199	U		198	U		94.8	U		181
Fluoranthene	U		199	U		198	37.9	J	94.8	U		181
Pyrene	U		199	U		198	156	J	94.8	U		181
Butylbenzylphthalate	U		199	U		198	U		94.8	U		181
Benzo(a)anthracene	U		199	U		198	112	J	94.8	U		181
3,3'-Dichlorobenzidine	U		199	U		198	U		94.8	U		181
Chrysene	U		199	U		198	120	J	94.8	U		181
Bis(2-Ethylhexyl)phthalate	U		199	U		198	U		94.8	U		181
Di-n-octylphthalate	U		199	U		198	U		94.8	U		181
Benzo(b)fluoranthene	U		199	U		198	23.7	J	94.8	U		181
Benzo(k)fluoranthene	U		199	U		198	16.1	J	94.8	U		181
Benzo(a)pyrene	U		199	U		198	74.9	J	94.8	U		181
Indeno(1,2,3-cd)pyrene	U		199	U		198	U		94.8	U		181
Dibenzo(a,h)anthracene	U		199	U		198	U		94.8	U		181
Benzo(g,h,i)perylene	U		199	U		198	U		94.8	U		181

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Instrument  :   Slick2
Sample Name: 012003-01 4xd
Misc Info   : screen/TPH
Vial Number: 1
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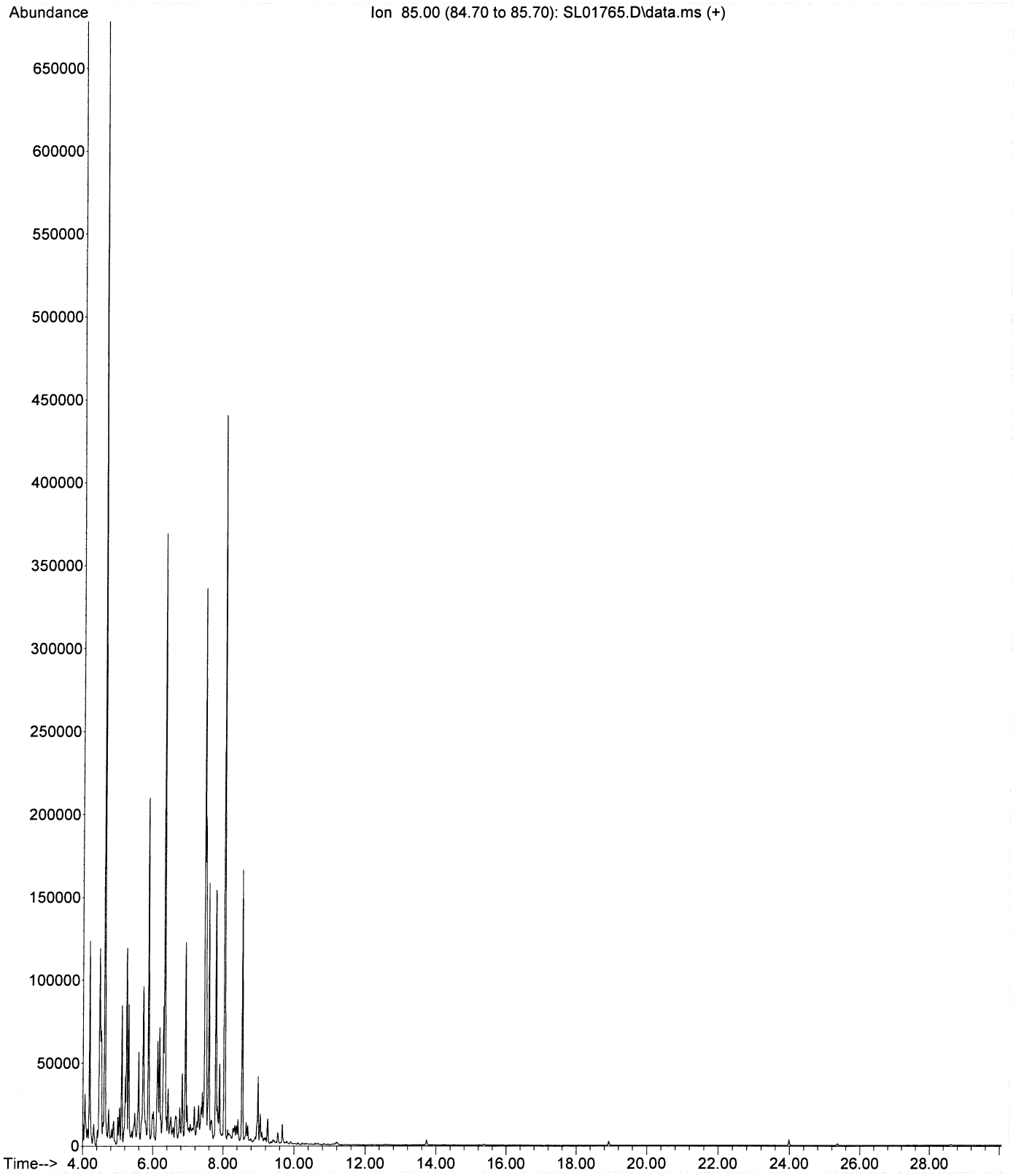

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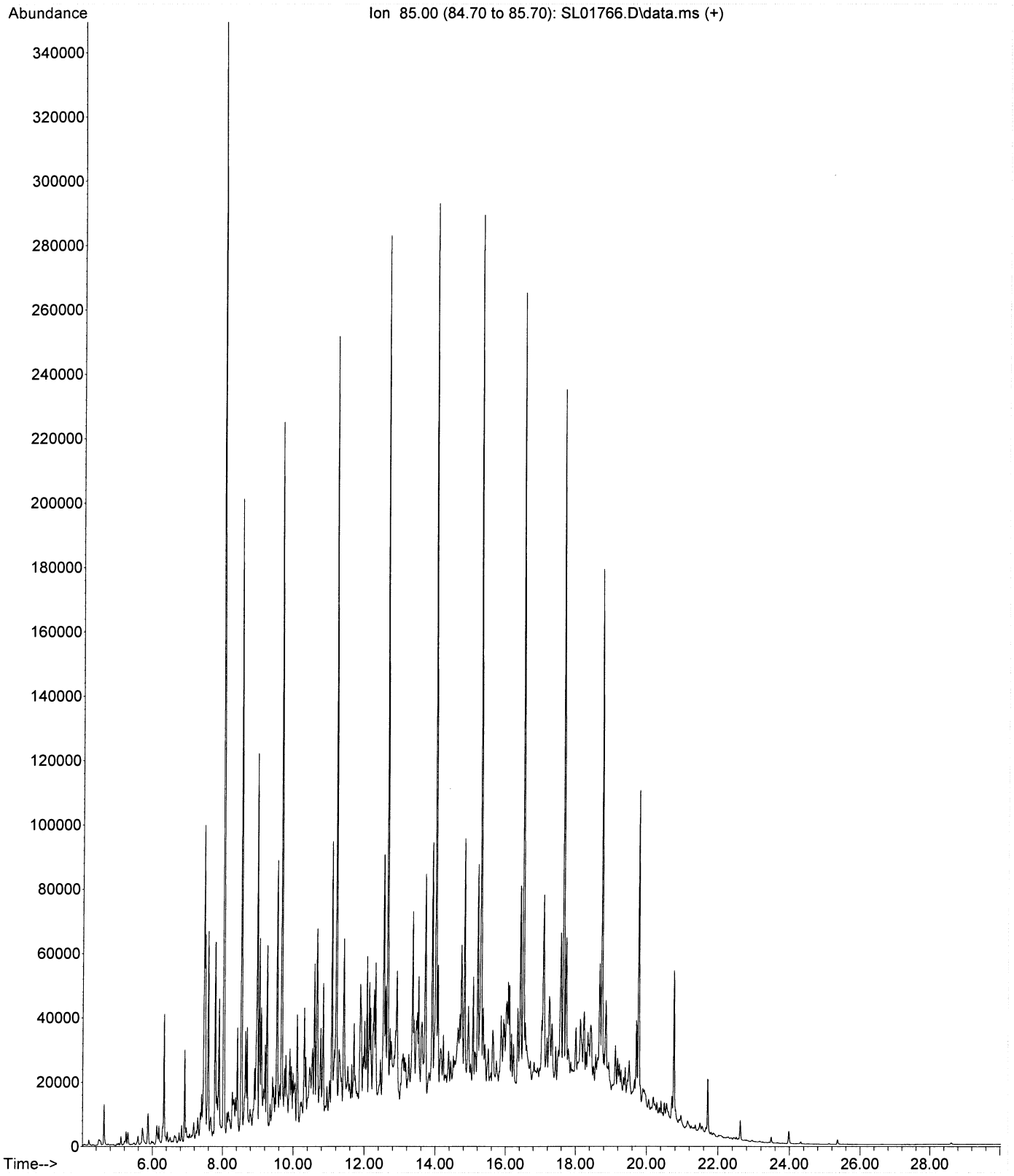

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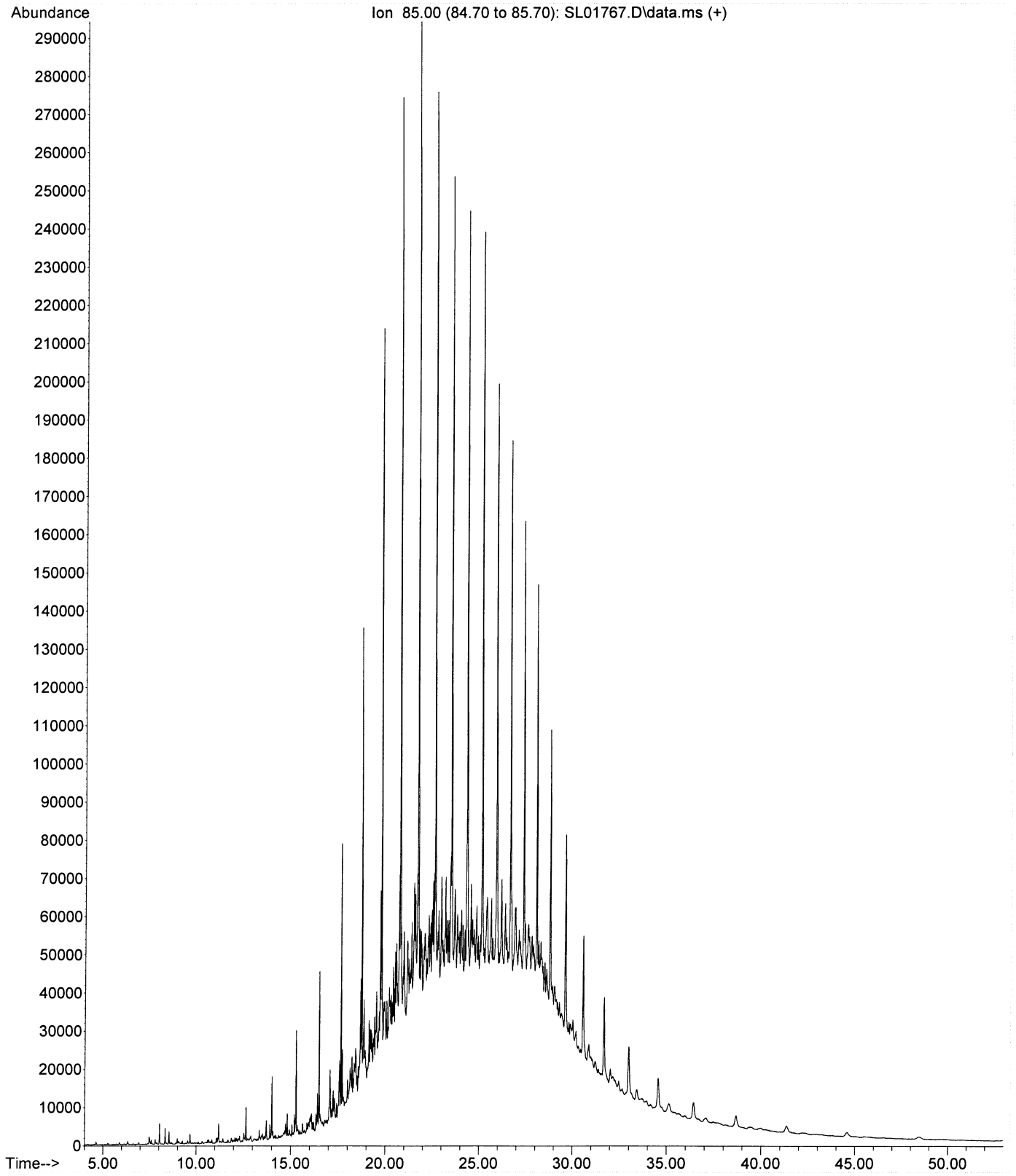
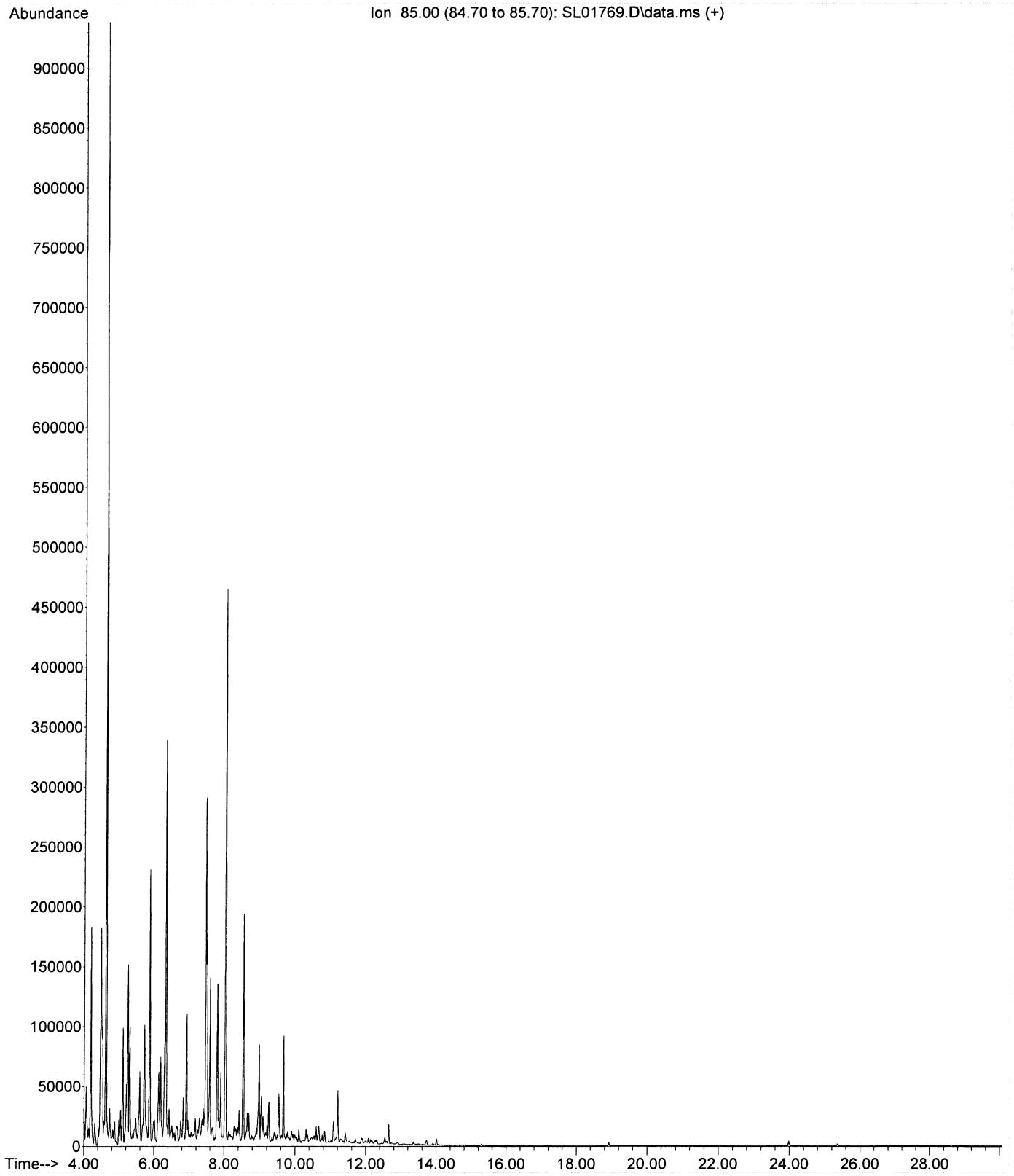
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