

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
 Data File : BG016030.D
 Acq On : 20 Feb 2015 11:33
 Operator : TP/IZ
 Sample : MDL-05-S-ML
 Misc : MDL-SOIL-3PPM-SOM0-ML
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Feb 20 12:52:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 20 05:38:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	105424	20.00	ng/ul	0.00
16) Naphthalene-d8	10.59	136	462247	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	277574	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.17	188	586660	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	608793	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	595549	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.97	99	260251	25.95	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.15	67	161814	27.31	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	201703	27.18	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	198844	26.79	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	101045	30.93	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	91137	30.24	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	172150	26.33	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	316872	44.00	ng/ul	0.00
41) Dimethylphthalate-d6	13.84	166	588525	31.71	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	757790	28.85	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	92163	24.70	ng/ul	0.00
55) Fluorene-d10	15.42	176	559324	29.99	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	41062	18.15	ng/ul	0.00
68) Anthracene-d10	17.27	188	854147	30.70	ng/ul	0.00
76) Pyrene-d10	19.57	212	913282	31.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	840407	31.12	ng/ul	0.00

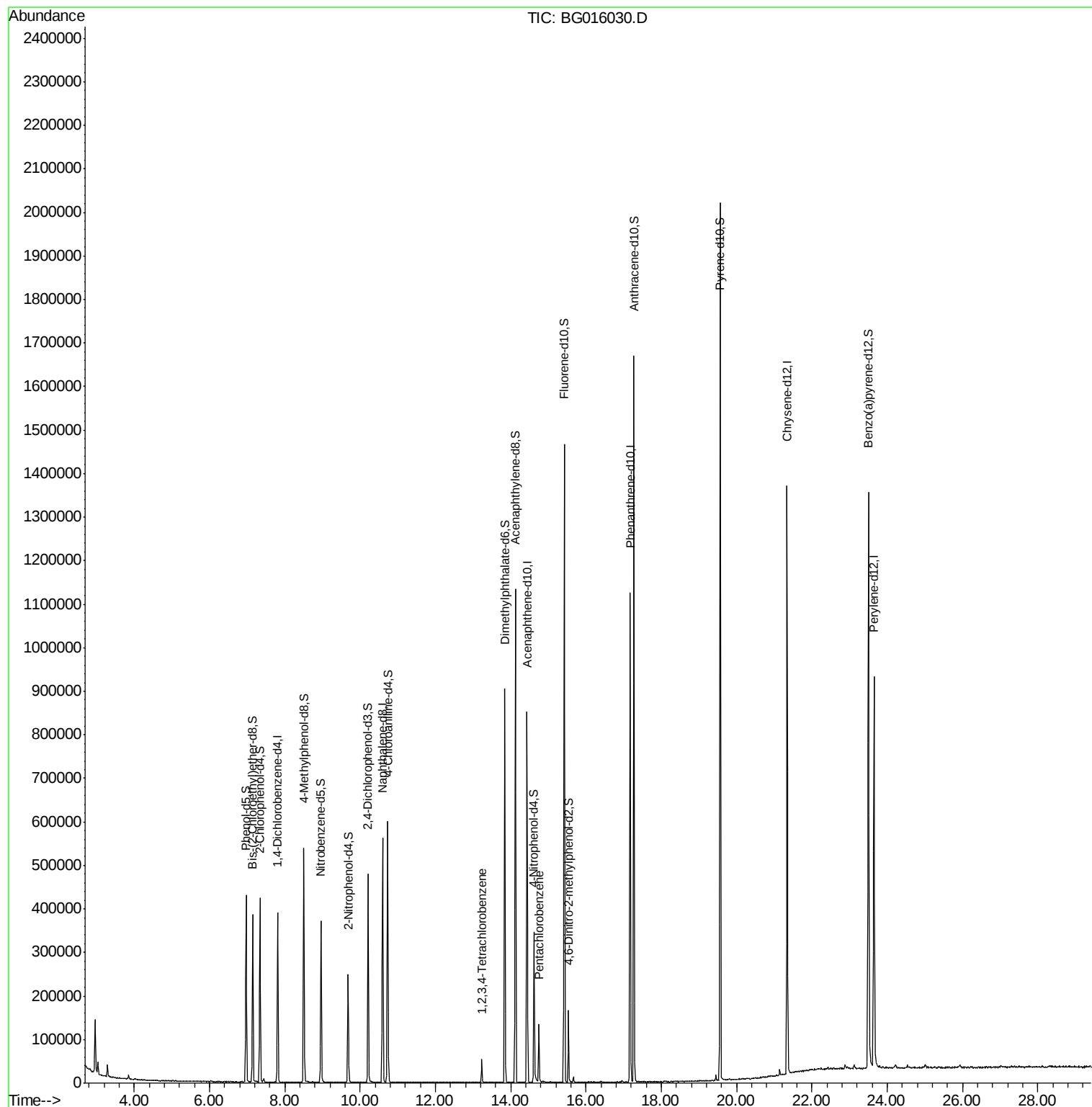
Target Compounds

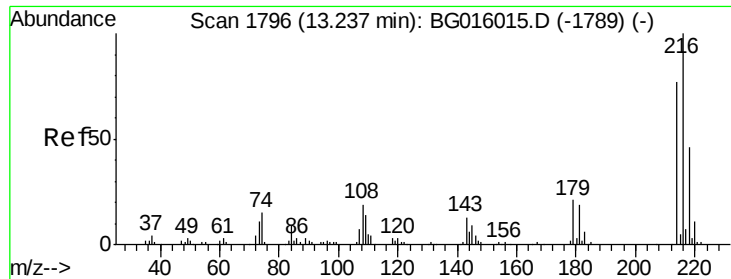
						Qvalue
70) 1,2,3,4-Tetrachlorobenzene	13.23	216	16066	2.15	ng/uL	98
71) Pentachlorobenzene	14.75	250	32752	4.48	ng/uL	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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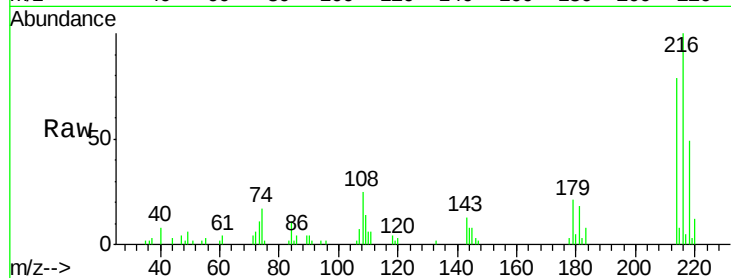
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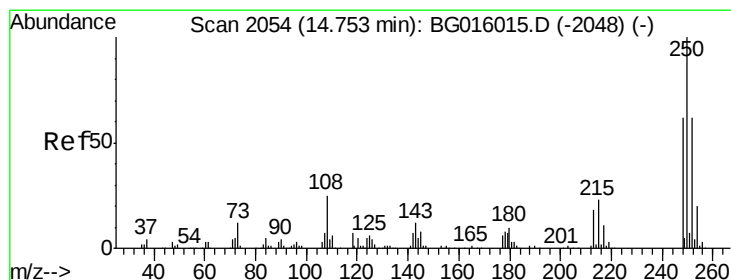
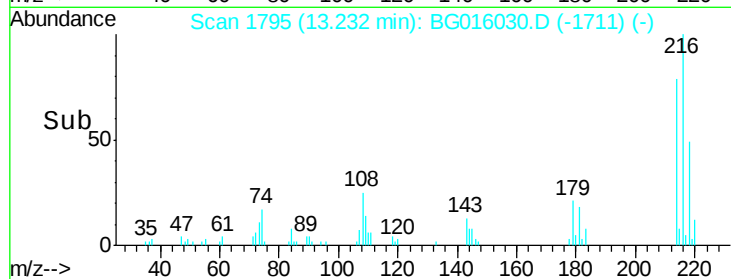
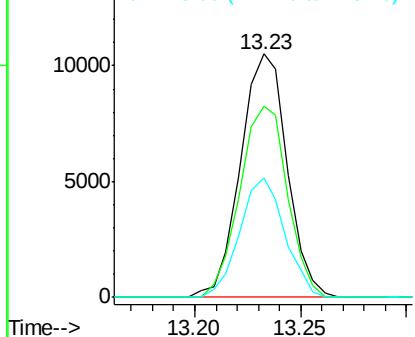


#70
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.15 ng/uL
 RT: 13.23 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG016030.D
 Acq: 20 Feb 2015 11:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.5	96.7
218	48.8	37.9	56.9

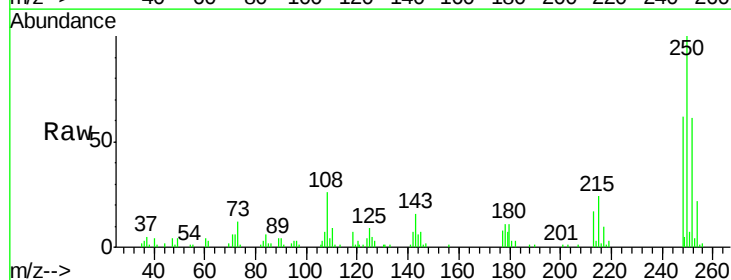


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E



#71
 Pentachlorobenzene
 Concen: 4.48 ng/uL
 RT: 14.75 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG016030.D
 Acq: 20 Feb 2015 11:33

Tgt Ion	Ratio	Lower	Upper
250	100		
248	61.8	50.5	75.7
252	61.0	50.7	76.1



Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

