

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
 Data File : BG016031.D
 Acq On : 20 Feb 2015 12:42
 Operator : TP/IZ
 Sample : MDL-06-S-ML
 Misc : MDL-SOIL-3PPM-SOM0-ML
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Feb 20 14:18:49 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	96206	20.00	ng/ul	0.00
16) Naphthalene-d8	10.59	136	429300	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	264516	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.17	188	577752	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	591249	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	577909	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.97	99	279708	30.56	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.14	67	172854	31.97	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	215946	31.89	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	212943	31.44	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	110523	36.43	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	99795	35.66	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	182859	30.12	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	341545	51.07	ng/ul	0.00
41) Dimethylphthalate-d6	13.84	166	637365	36.04	ng/ul	0.00
44) Acenaphthylene-d8	14.12	160	820364	32.78	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	99226	27.90	ng/ul	0.00
55) Fluorene-d10	15.42	176	603216	33.93	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.53	200	40543	18.20	ng/ul	0.00
68) Anthracene-d10	17.27	188	911828	33.28	ng/ul	0.00
76) Pyrene-d10	19.56	212	967428	34.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	885747	33.80	ng/ul	0.00

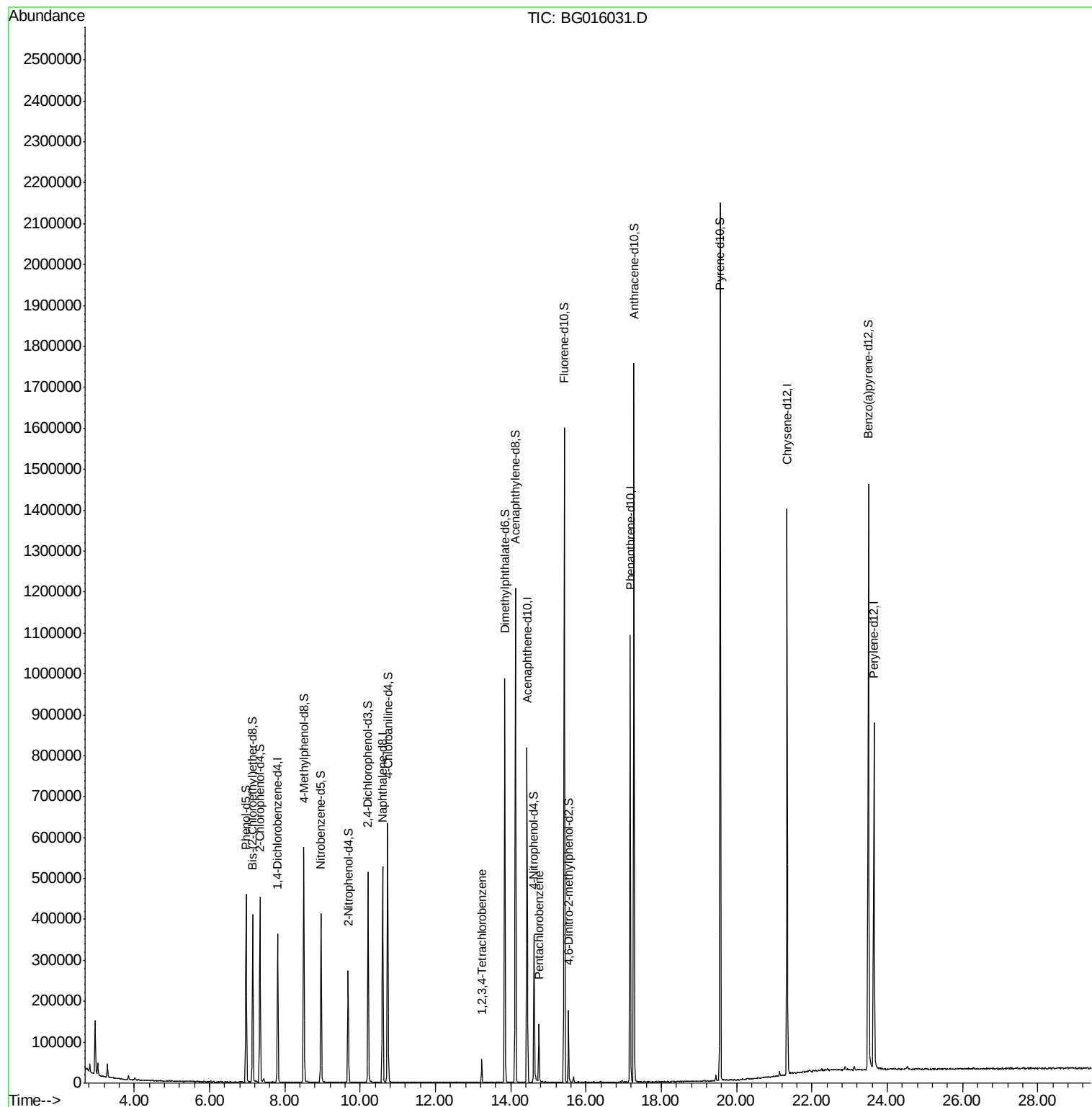
Target Compounds

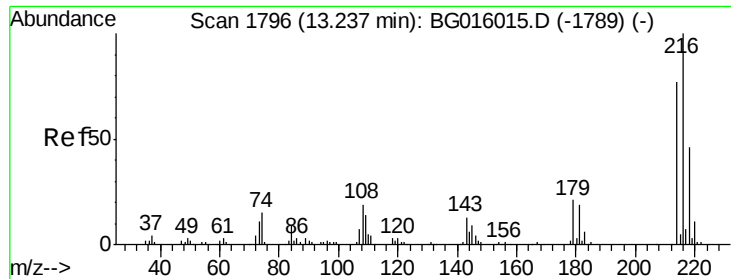
						Qvalue
70) 1,2,3,4-Tetrachlorobenzene	13.23	216	16421	2.24	ng/uL	92
71) Pentachlorobenzene	14.75	250	32876	4.57	ng/uL	97

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

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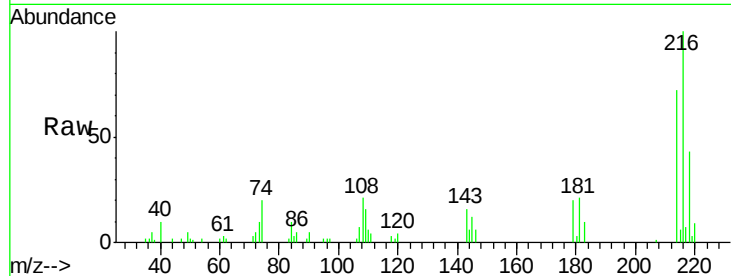
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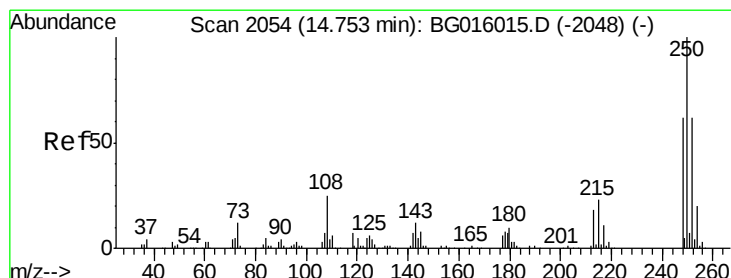
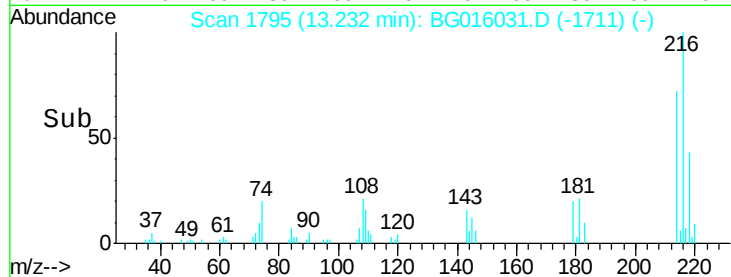
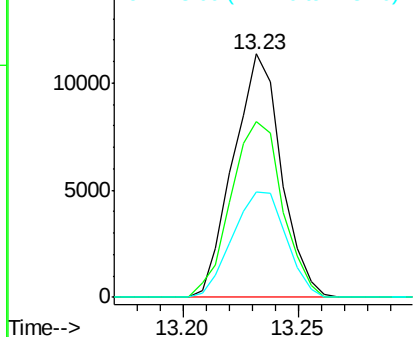


#70
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.24 ng/uL
 RT: 13.23 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG016031.D
 Acq: 20 Feb 2015 12:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	72.2	64.5	96.7
218	43.5	37.9	56.9

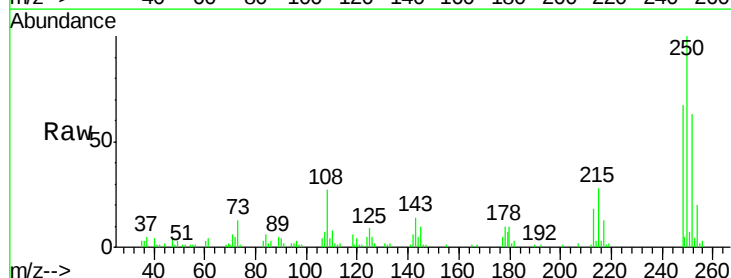


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E



#71
 Pentachlorobenzene
 Concen: 4.57 ng/uL
 RT: 14.75 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG016031.D
 Acq: 20 Feb 2015 12:42

Tgt Ion	Ratio	Lower	Upper
250	100		
248	67.3	50.5	75.7
252	63.0	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

