

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
 Data File : BG016029.D
 Acq On : 20 Feb 2015 10:58
 Operator : TP/IZ
 Sample : MDL-04-S-ML
 Misc : MDL-SOIL-3PPM-SOM0-ML
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 20 12:38:36 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	91021	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	406961	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.43	164	249008	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	524182	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	539808	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	520977	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.97	99	231517	26.74	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.14	67	141113	27.59	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	179226	27.98	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	172225	26.87	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	87828	30.53	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	79479	29.96	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	150028	26.07	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	277060	43.70	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	497756	29.90	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	667133	28.32	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	70498	21.06	ng/ul	0.00
55) Fluorene-d10	15.43	176	478591	28.60	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	29439	14.57	ng/ul	0.00
68) Anthracene-d10	17.27	188	720364	28.97	ng/ul	0.00
76) Pyrene-d10	19.56	212	763258	30.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	694833	29.41	ng/ul	0.00

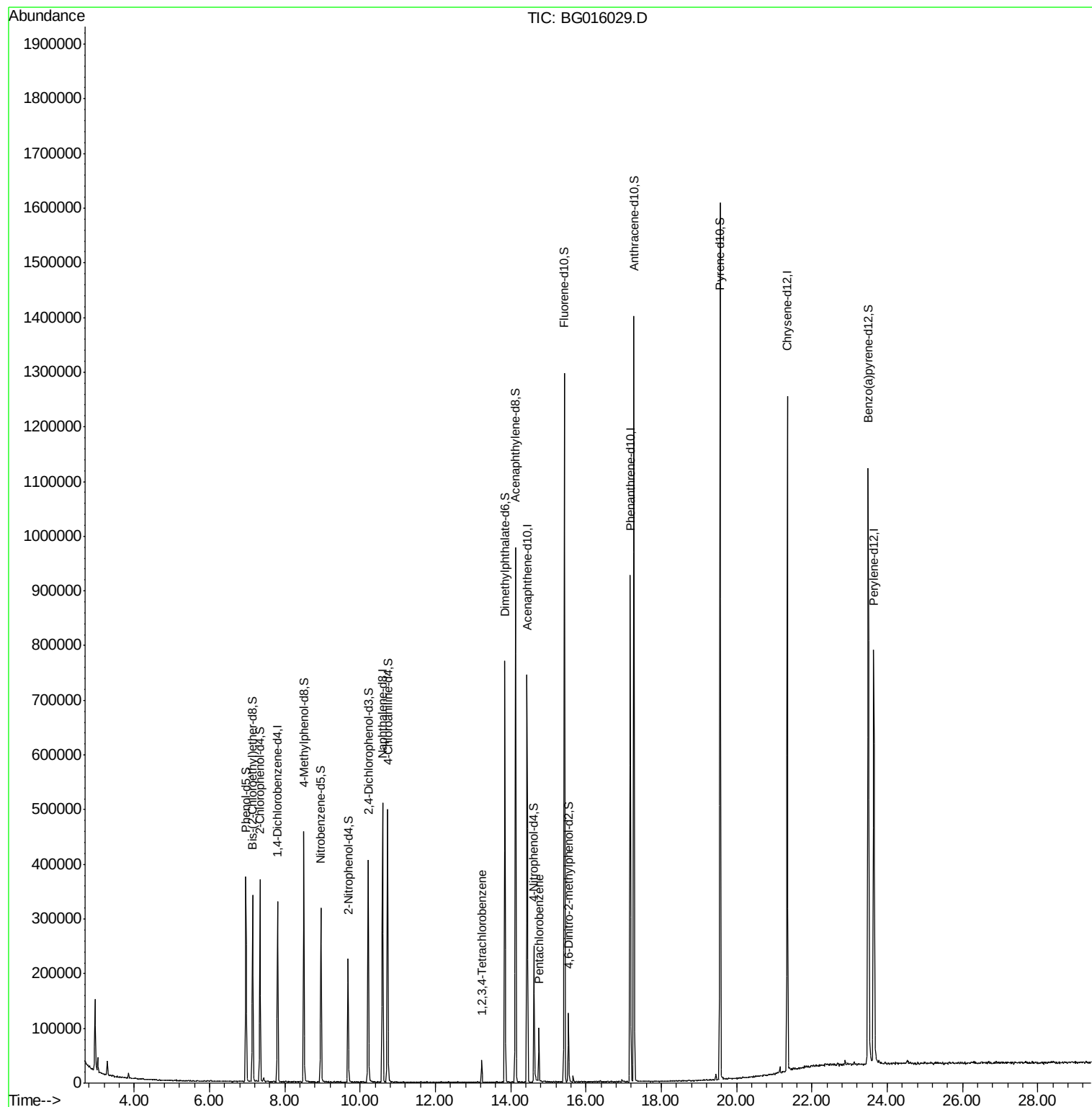
Target Compounds

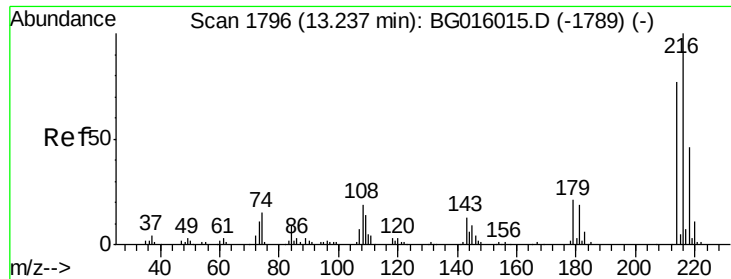
						Qvalue
70) 1,2,3,4-Tetrachlorobenzene	13.23	216	12161	1.83	ng/uL	94
71) Pentachlorobenzene	14.75	250	25020	3.83	ng/uL	98

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

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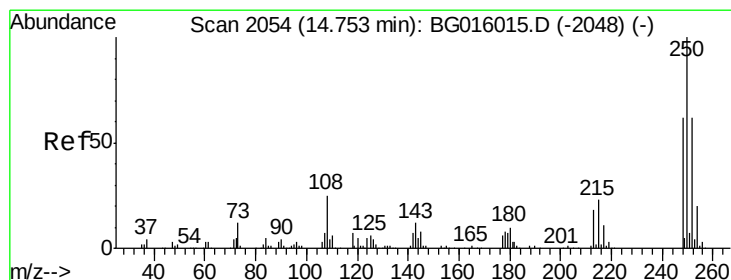
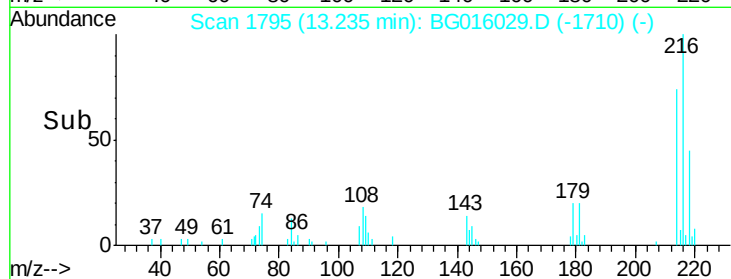
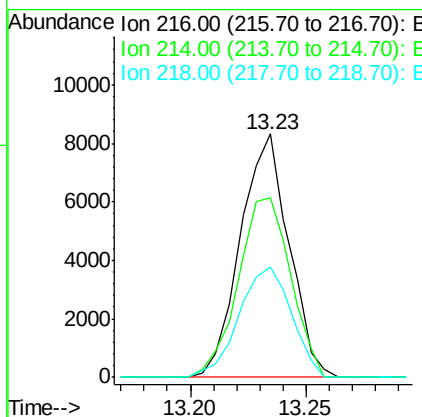
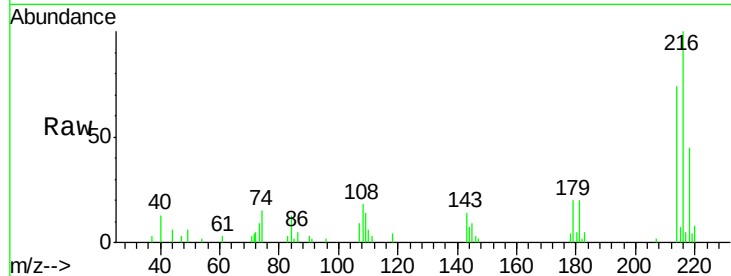
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Response via : Initial Calibration





#70
 1,2,3,4-Tetrachlorobenzene
 Concen: 1.83 ng/uL
 RT: 13.23 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 10:58

Tgt Ion:	216	Resp:	12161
Ion	Ratio	Lower	Upper
216	100		
214	73.5	64.5	96.7
218	45.5	37.9	56.9



#71
 Pentachlorobenzene
 Concen: 3.83 ng/uL
 RT: 14.75 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 10:58

Tgt Ion:	250	Resp:	25020
Ion	Ratio	Lower	Upper
250	100		
248	63.6	50.5	75.7
252	61.5	50.7	76.1

