

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
 Data File : BG016019.D
 Acq On : 20 Feb 2015 2:19
 Operator : TP/IZ
 Sample : MDL-04-S
 Misc : MDL-SOIL-3PPM-SOM0
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 20 07:40:55 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 20 07:16:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	97607	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	435497	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	263868	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	550853	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	558444	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	555106	20.00	ng/ul	0.00

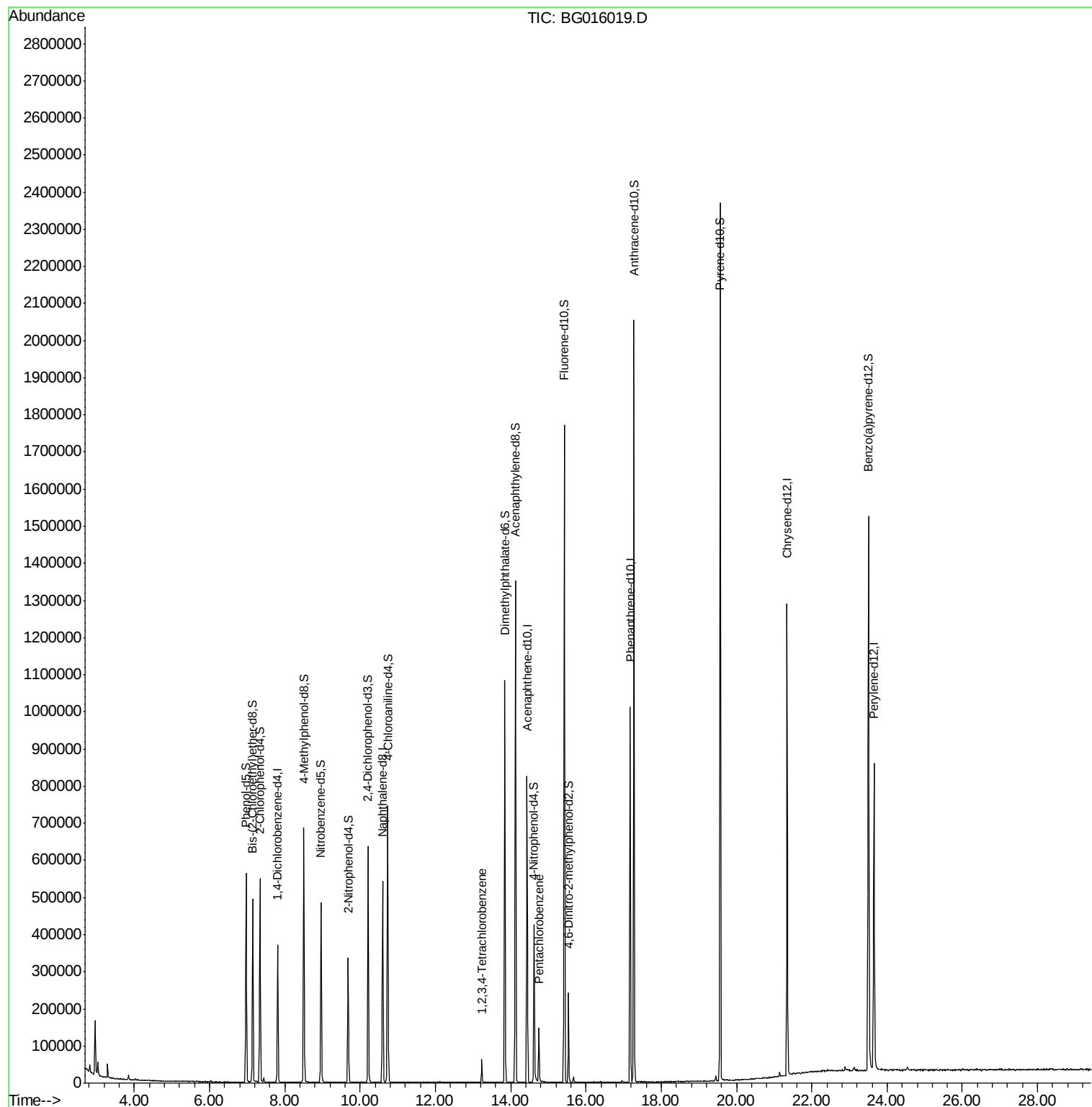
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) Phenol-d5	6.97	99	335957	36.18	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.15	67	206727	37.69	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	258237	37.59	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	255173	37.13	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	129842	42.18	ng/ul	0.00
20) 2-Nitrophenol-d4	9.69	143	120353	42.39	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	220443	35.79	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	398919	58.80	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	722302	40.94	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	953591	38.19	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	114795	32.36	ng/ul	0.00
55) Fluorene-d10	15.42	176	686829	38.73	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	55021	25.91	ng/ul	0.00
68) Anthracene-d10	17.28	188	1008827	38.61	ng/ul	0.00
76) Pyrene-d10	19.57	212	1054992	40.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	983473	39.07	ng/ul	0.00

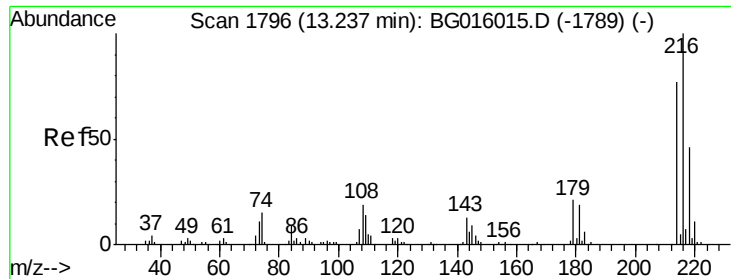
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
70) 1,2,3,4-Tetrachlorobenzene	13.23	216	18362	2.62	ng/uL	97
71) Pentachlorobenzene	14.75	250	35833	5.22	ng/uL	98

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

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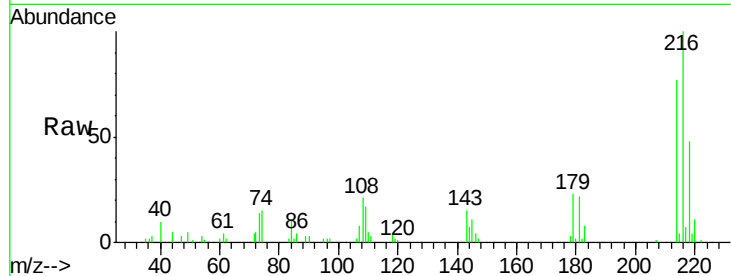
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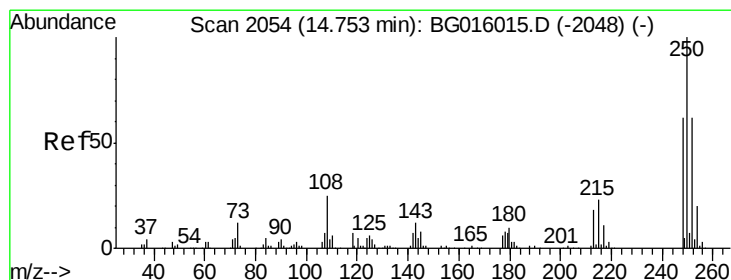
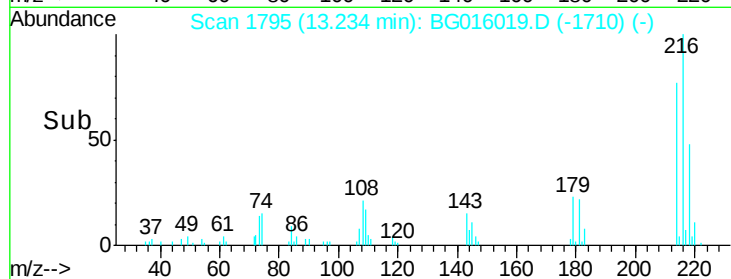
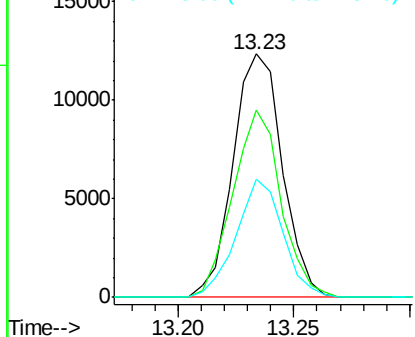


#70
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.62 ng/uL
 RT: 13.23 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG016019.D
 Acq: 20 Feb 2015 2:19

Tgt Ion:	216	Resp:	18362
Ion Ratio	Lower	Upper	
216	100		
214	76.9	64.5	96.7
218	48.4	37.9	56.9

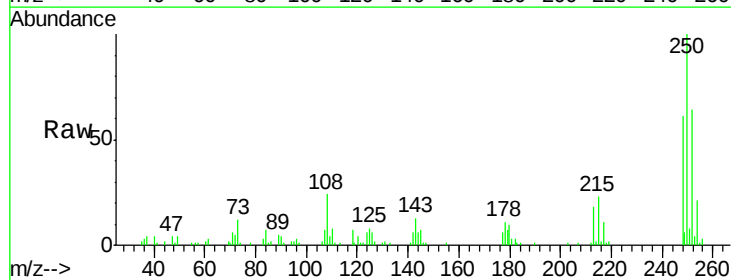


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E



#71
 Pentachlorobenzene
 Concen: 5.22 ng/uL
 RT: 14.75 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BG016019.D
 Acq: 20 Feb 2015 2:19

Tgt Ion:	250	Resp:	35833
Ion Ratio	Lower	Upper	
250	100		
248	60.7	50.5	75.7
252	63.7	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

