

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
 Data File : BG016020.D
 Acq On : 20 Feb 2015 2:53
 Operator : TP/IZ
 Sample : MDL-05-S
 Misc : MDL-SOIL-3PPM-SOM0
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 20 07:42:49 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	85147	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	374960	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	225884	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.17	188	484818	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	527660	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	523302	20.00	ng/ul	0.00

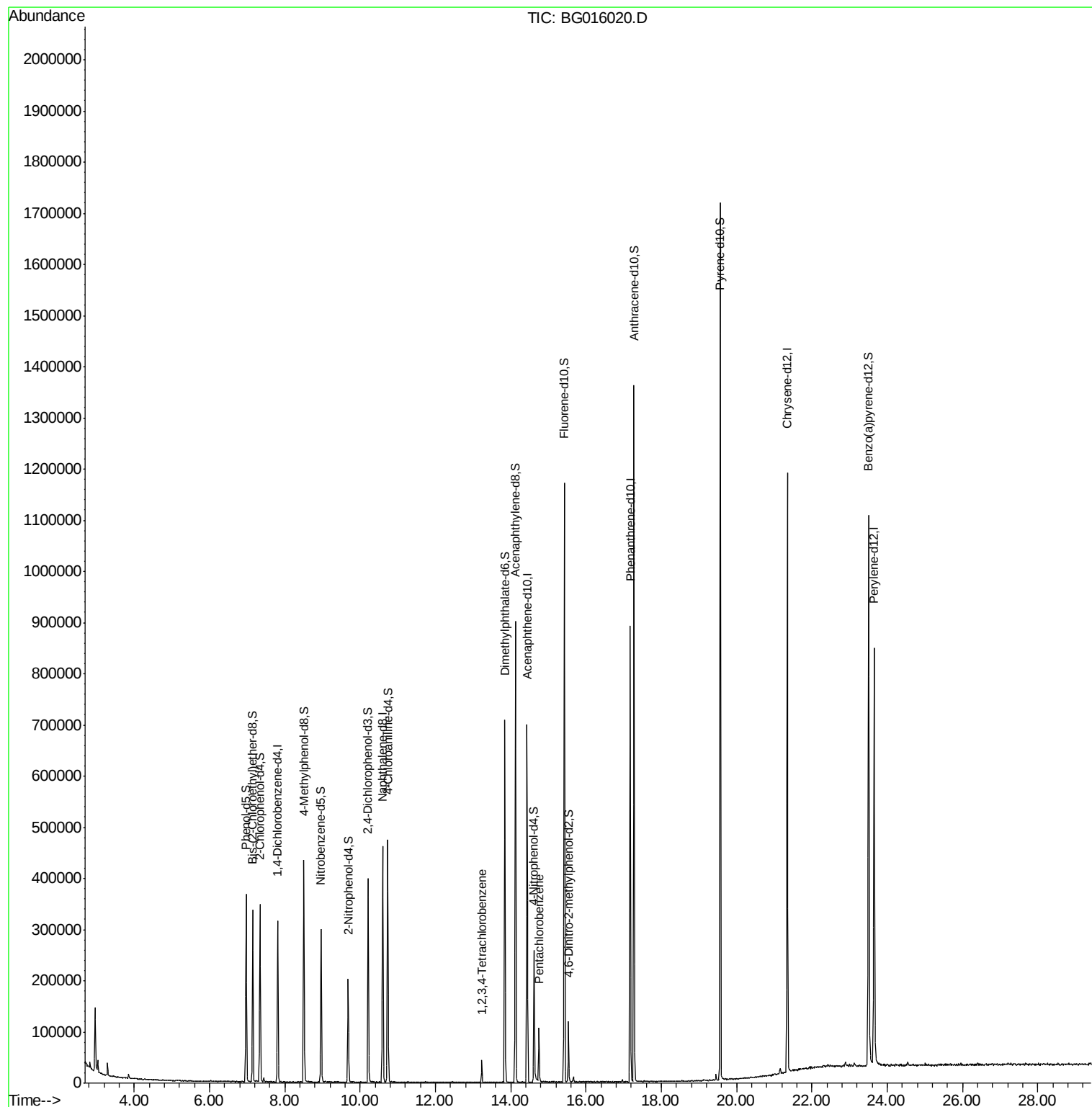
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) Phenol-d5	6.97	99	218710	27.00	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.15	67	138331	28.91	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	168994	28.20	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	162503	27.11	ng/ul	0.00
17) Nitrobenzene-d5	8.97	128	83141	31.37	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	73271	29.97	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	142206	26.82	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	257036	44.00	ng/ul	0.00
41) Dimethylphthalate-d6	13.84	166	469357	31.08	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	623443	29.17	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	69544	22.90	ng/ul	0.00
55) Fluorene-d10	15.43	176	448886	29.57	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	28685	15.35	ng/ul	0.00
68) Anthracene-d10	17.27	188	692477	30.11	ng/ul	0.00
76) Pyrene-d10	19.56	212	758586	30.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	716684	30.20	ng/ul	0.00

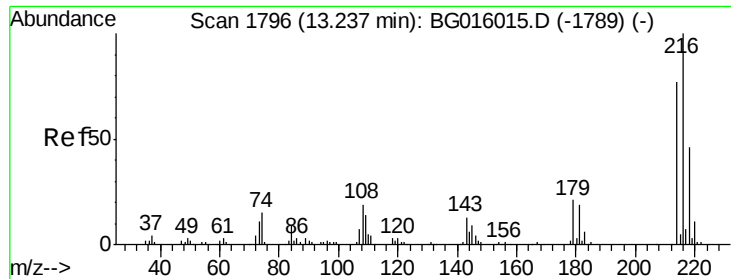
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
70) 1,2,3,4-Tetrachlorobenzene	13.24	216	12801	2.08	ng/uL	95
71) Pentachlorobenzene	14.75	250	26757	4.43	ng/uL	94

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

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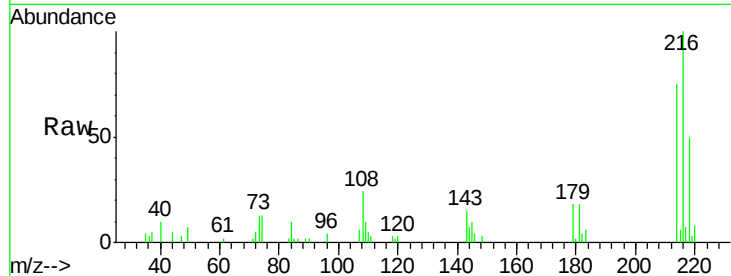
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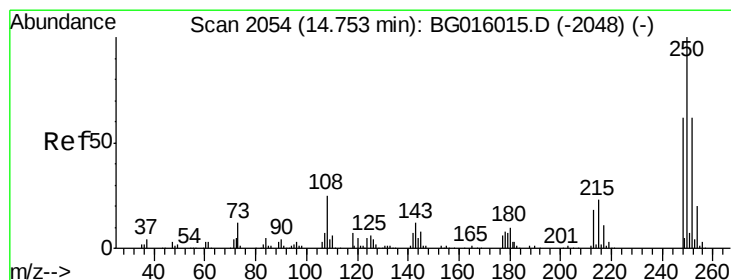
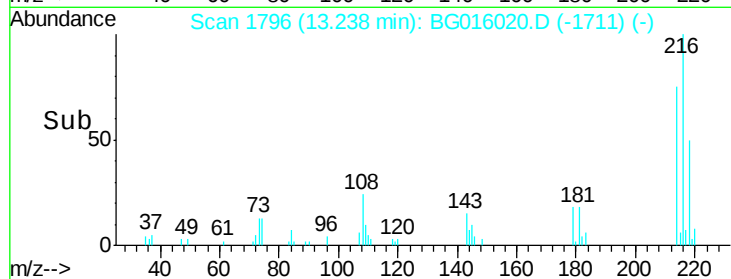
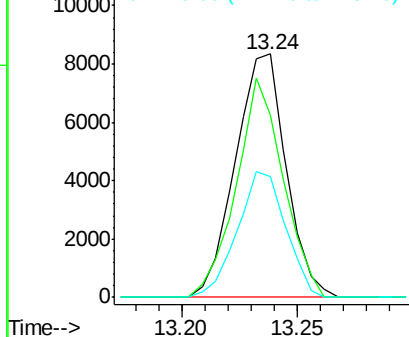


#70
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.08 ng/uL
 RT: 13.24 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: BG016020.D
 Acq: 20 Feb 2015 2:53

Tgt Ion: 216 Resp: 12801
 Ion Ratio Lower Upper
 216 100
 214 75.0 64.5 96.7
 218 49.7 37.9 56.9

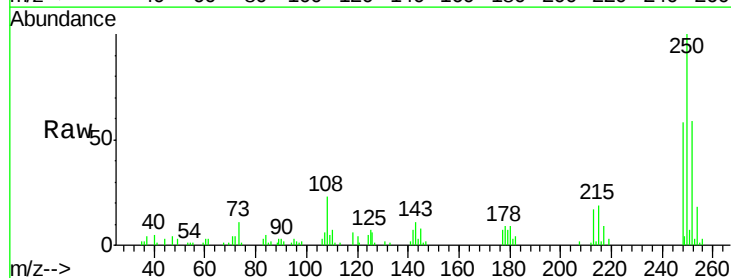


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E



#71
 Pentachlorobenzene
 Concen: 4.43 ng/uL
 RT: 14.75 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BG016020.D
 Acq: 20 Feb 2015 2:53

Tgt Ion: 250 Resp: 26757
 Ion Ratio Lower Upper
 250 100
 248 57.7 50.5 75.7
 252 59.1 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

