

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
 Data File : BM000582.D
 Acq On : 21 Feb 2015 06:57
 Operator : TP/IZ
 Sample : MDL-05-S-ML
 Misc : MDL-SOIL-3PPM-SOM0-ML
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S-ML

Quant Time: Feb 23 15:51:35 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 21 00:39:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	93301	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	381942	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.32	164	233460	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.06	188	501679	20.00	ng/ul	-0.01
75) Chrysene-d12	21.26	240	472824	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	405753	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.85	99	223866	32.96	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.00	67	141361	35.22	ng/ul	0.00
7) 2-Chlorophenol-d4	7.20	132	196524	34.01	ng/ul	-0.01
11) 4-Methylphenol-d8	8.38	113	186579	32.40	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	92439	36.07	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	106127	35.77	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.08	165	199258	31.70	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	273745	48.82	ng/ul	0.00
41) Dimethylphthalate-d6	13.73	166	617878	36.57	ng/ul	0.00
44) Acenaphthylene-d8	14.01	160	797579	35.23	ng/ul	0.00
49) 4-Nitrophenol-d4	14.53	143	82084	30.38	ng/ul	-0.01
55) Fluorene-d10	15.32	176	577851	34.99	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.44	200	74633	25.60	ng/ul	0.00
68) Anthracene-d10	17.16	188	856825	36.11	ng/ul	0.00
76) Pyrene-d10	19.46	212	893229	32.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	688582	36.20	ng/ul	0.00

Target Compounds

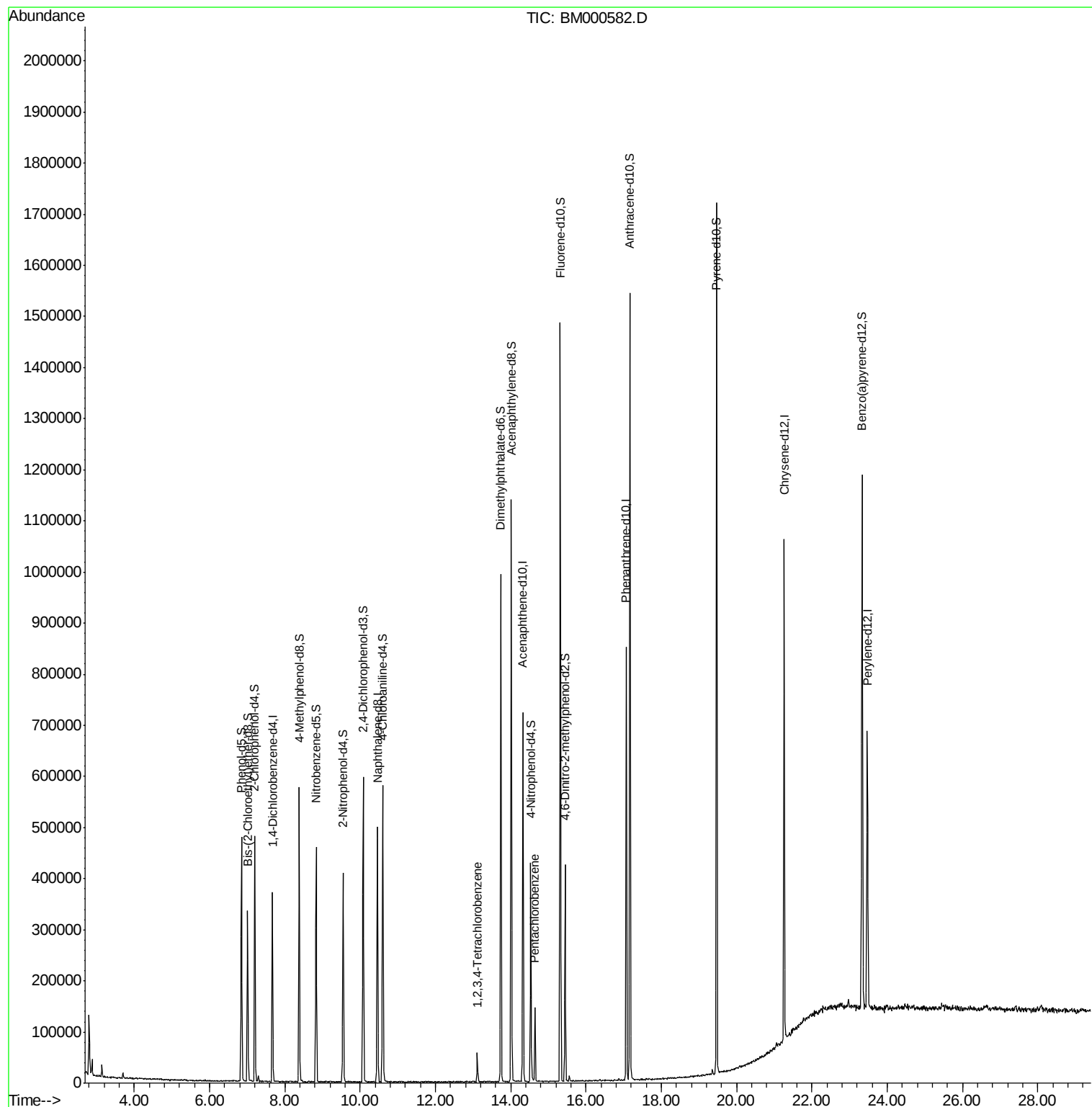
						Qvalue
70) 1,2,3,4-Tetrachlorobenzene	13.11	216	19148	2.58	ng/uL#	89
71) Pentachlorobenzene	14.64	250	36719	5.16	ng/uL	92

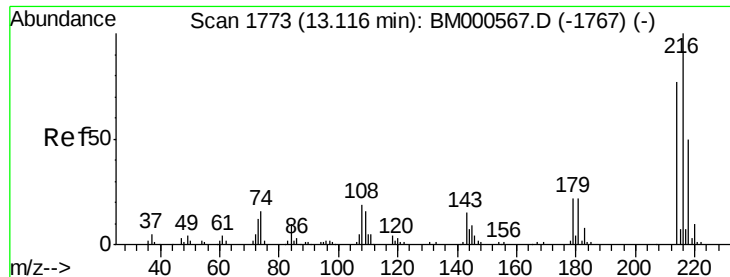
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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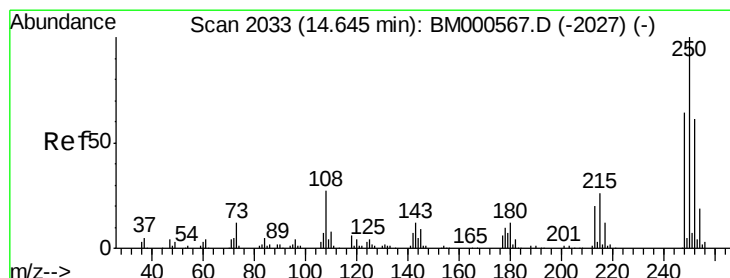
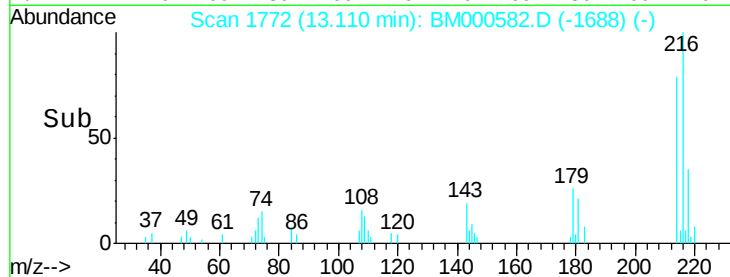
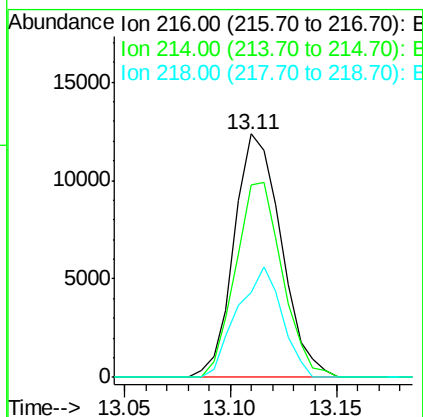
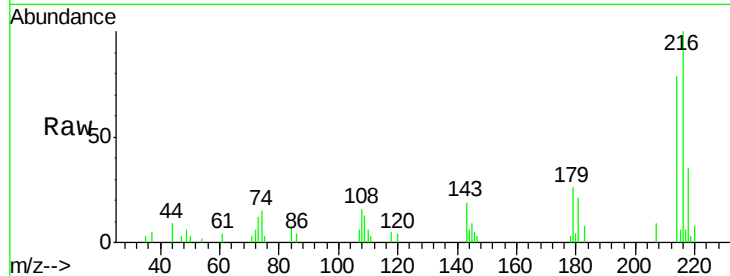




#70
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.58 ng/uL
 RT: 13.11 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BM000582.D
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Tgt Ion:216 Resp: 19148
 Ion Ratio Lower Upper
 216 100
 214 79.2 59.1 88.7
 218 34.8 37.6 56.4#



#71
 Pentachlorobenzene
 Concen: 5.16 ng/uL
 RT: 14.64 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BM000582.D
 Acq: 21 Feb 2015 06:57

Tgt Ion:250 Resp: 36719
 Ion Ratio Lower Upper
 250 100
 248 61.0 52.4 78.6
 252 56.0 51.5 77.3

