

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
 Data File : BM000578.D
 Acq On : 21 Feb 2015 03:59
 Operator : TP/IZ
 Sample : MDL-02-S-ML
 Misc : MDL-SOIL-3PPM-SOM0-ML
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S-ML

Quant Time: Feb 23 15:45:20 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	88111	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	368618	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.32	164	229183	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.06	188	493036	20.00	ng/ul	-0.01
75) Chrysene-d12	21.26	240	439728	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	370854	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) Phenol-d5	6.85	99	161607	25.20	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.00	67	108045	28.50	ng/ul	0.00
7) 2-Chlorophenol-d4	7.20	132	144146	26.42	ng/ul	0.00
11) 4-Methylphenol-d8	8.38	113	138747	25.52	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	68602	27.73	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	80113	27.97	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.08	165	153070	25.23	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	211207	39.03	ng/ul	0.00
41) Dimethylphthalate-d6	13.73	166	506408	30.53	ng/ul	0.00
44) Acenaphthylene-d8	14.01	160	630629	28.38	ng/ul	0.00
49) 4-Nitrophenol-d4	14.53	143	61428	23.16	ng/ul	-0.01
55) Fluorene-d10	15.32	176	467433	28.83	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.44	200	58680	20.48	ng/ul	0.00
68) Anthracene-d10	17.16	188	695451	29.82	ng/ul	0.00
76) Pyrene-d10	19.46	212	723694	28.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	524007	30.14	ng/ul	0.00

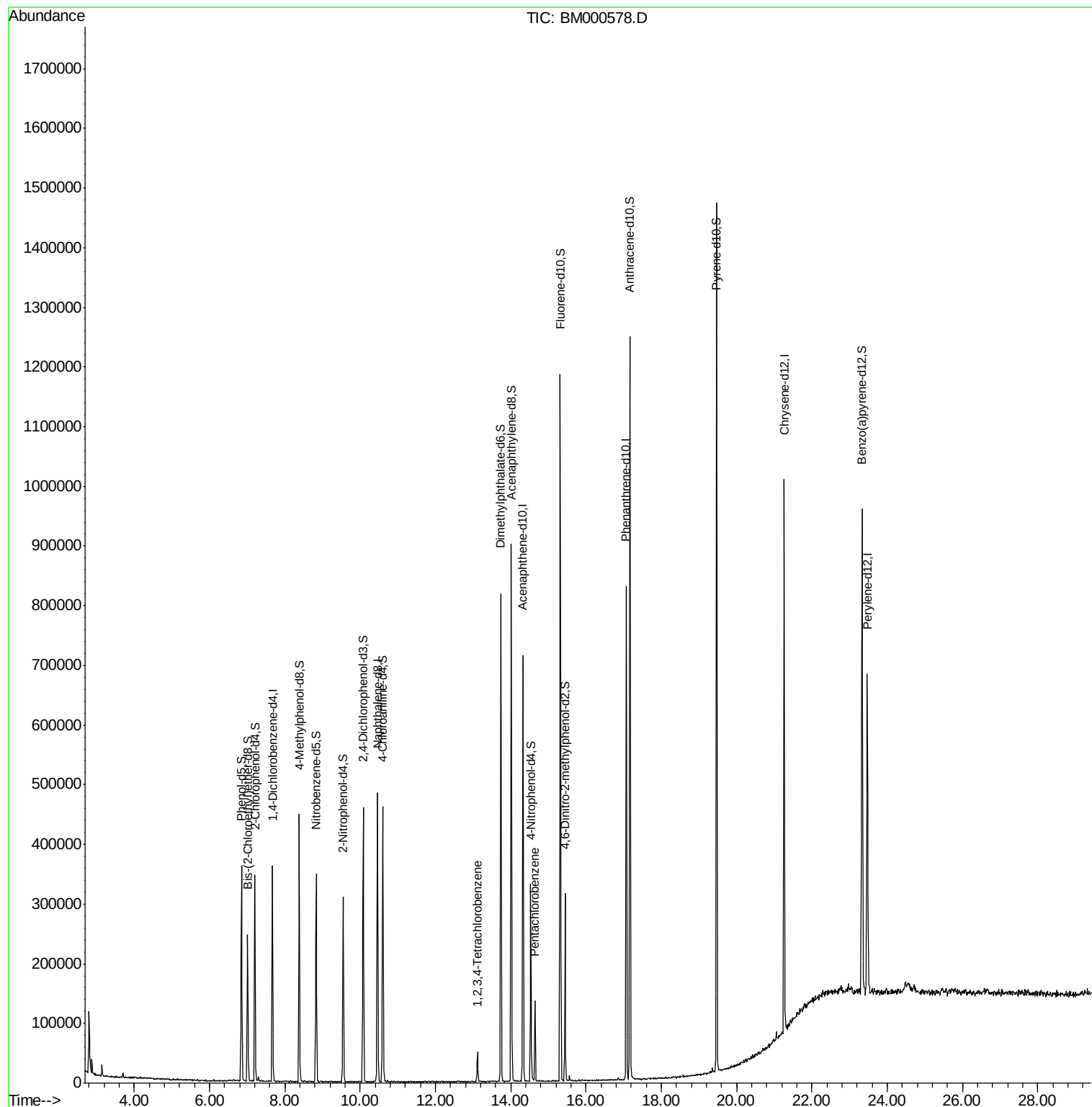
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
70) 1,2,3,4-Tetrachlorobenzene	13.12	216	17134	2.35	ng/uL	96
71) Pentachlorobenzene	14.64	250	34093	4.87	ng/uL	98

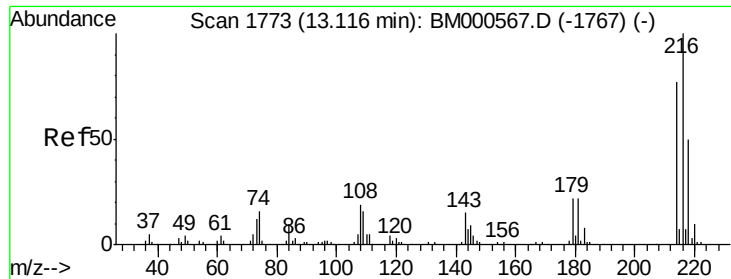
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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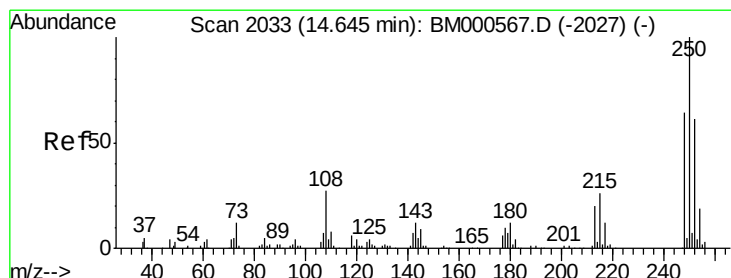
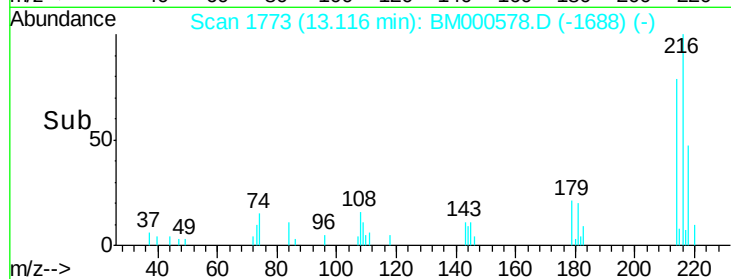
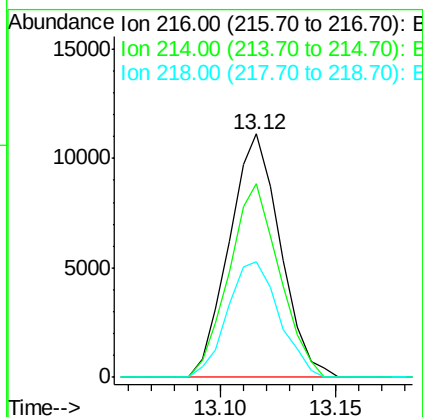
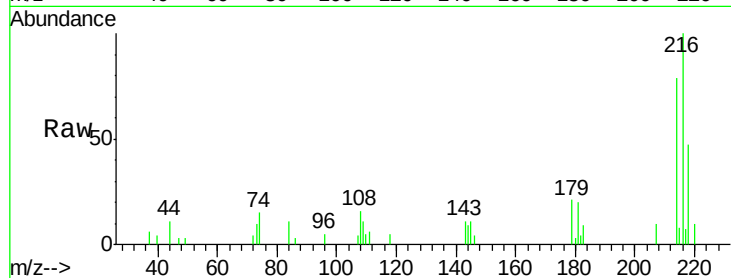




#70
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.35 ng/uL
 RT: 13.12 min Scan# 1773
 Delta R.T. -0.00 min
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Tgt Ion:216 Resp: 17134
 Ion Ratio Lower Upper
 216 100
 214 79.4 59.1 88.7
 218 47.3 37.6 56.4



#71
 Pentachlorobenzene
 Concen: 4.87 ng/uL
 RT: 14.64 min Scan# 2033
 Delta R.T. -0.00 min
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Tgt Ion:250 Resp: 34093
 Ion Ratio Lower Upper
 250 100
 248 63.3 52.4 78.6
 252 62.8 51.5 77.3

