

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
 Data File : BM000573.D
 Acq On : 20 Feb 2015 23:49
 Operator : TP/IZ
 Sample : MDL-05-S
 Misc : MDL-SOIL-3PPM-SOM0
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Quant Time: Feb 21 04:07:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 21 03:20:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	94829	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	406121	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.32	164	255006	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.07	188	525320	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	464056	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	386225	20.00	ng/ul	0.00

System Monitoring Compounds						
3) Phenol-d5	6.85	99	186026	26.95	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.01	67	121721	29.84	ng/ul	0.00
7) 2-Chlorophenol-d4	7.20	132	165627	28.20	ng/ul	0.00
11) 4-Methylphenol-d8	8.38	113	159348	27.23	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	78360	28.75	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	94307	29.89	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.08	165	176839	26.46	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	239531	40.18	ng/ul	0.00
41) Dimethylphthalate-d6	13.74	166	560123	30.35	ng/ul	0.00
44) Acenaphthylene-d8	14.02	160	716337	28.97	ng/ul	0.00
49) 4-Nitrophenol-d4	14.53	143	70666	23.94	ng/ul	0.00
55) Fluorene-d10	15.32	176	519478	28.80	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.44	200	62467	20.46	ng/ul	0.00
68) Anthracene-d10	17.16	188	757822	30.50	ng/ul	0.00
76) Pyrene-d10	19.46	212	754563	27.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	547238	30.22	ng/ul	0.00

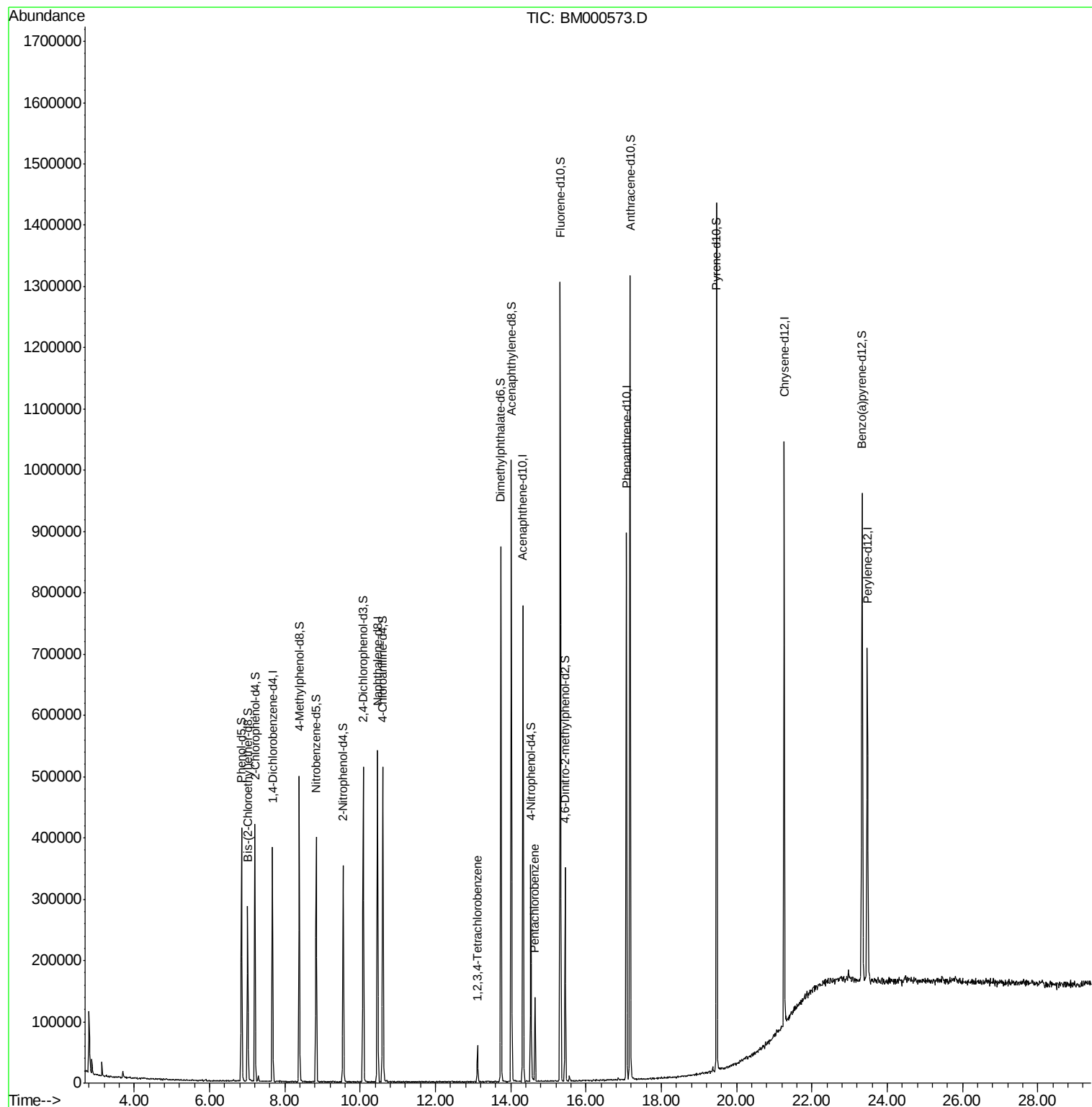
Target Compounds				Qvalue		
70) 1,2,3,4-Tetrachlorobenzene	13.12	216	17886	2.30	ng/uL	95
71) Pentachlorobenzene	14.65	250	34795	4.67	ng/uL	92

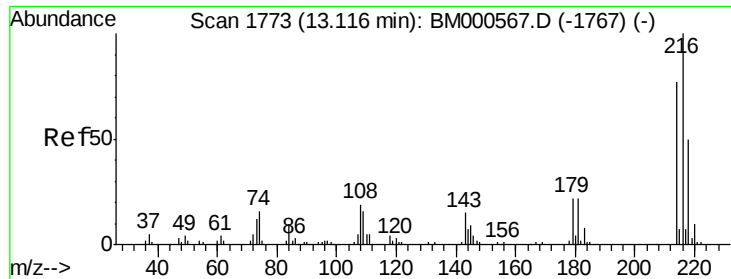
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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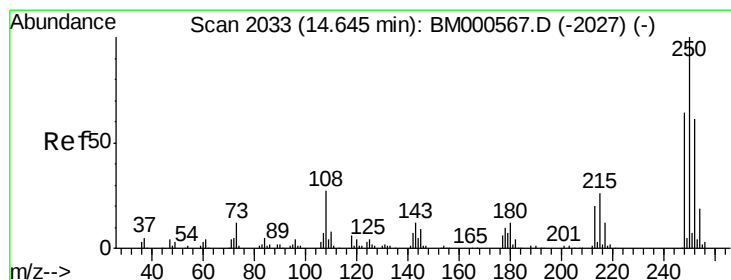
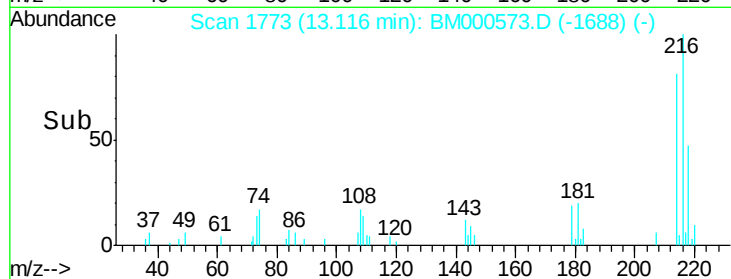
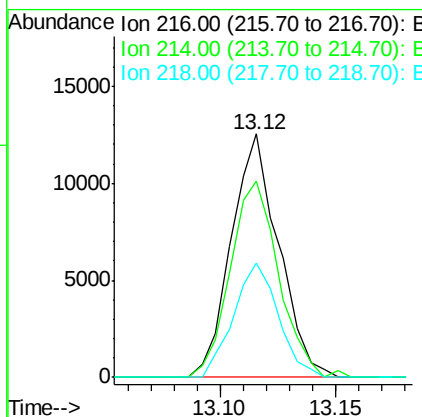
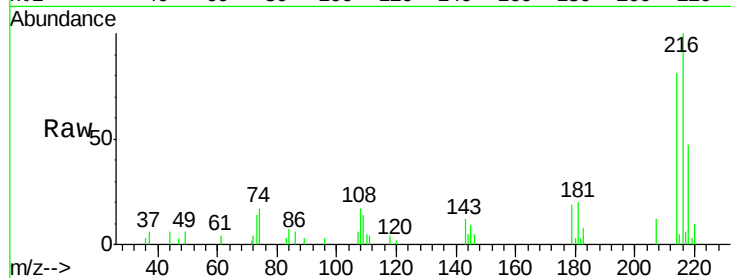




#70
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.30 ng/uL
 RT: 13.12 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BM000573.D
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Tgt Ion:216 Resp: 17886
 Ion Ratio Lower Upper
 216 100
 214 80.7 59.1 88.7
 218 46.8 37.6 56.4



#71
 Pentachlorobenzene
 Concen: 4.67 ng/uL
 RT: 14.65 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BM000573.D
 Acq: 20 Feb 2015 23:49

Tgt Ion:250 Resp: 34795
 Ion Ratio Lower Upper
 250 100
 248 56.8 52.4 78.6
 252 60.3 51.5 77.3

