

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
 Data File : BM000575.D
 Acq On : 21 Feb 2015 01:01
 Operator : TP/IZ
 Sample : MDL-07-S
 Misc : MDL-SOIL-3PPM-SOM0
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S

Quant Time: Feb 21 04:13:22 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	102286	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	444665	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.32	164	294063	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.07	188	631770	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	502817	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	406926	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) Phenol-d5	6.85	99	218689	29.37	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.01	67	140779	31.99	ng/ul	0.00
7) 2-Chlorophenol-d4	7.20	132	190693	30.10	ng/ul	0.00
11) 4-Methylphenol-d8	8.38	113	185481	29.38	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	92679	31.06	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	109420	31.67	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.08	165	204622	27.96	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	286533	43.89	ng/ul	0.00
41) Dimethylphthalate-d6	13.74	166	686930	32.28	ng/ul	0.00
44) Acenaphthylene-d8	14.02	160	863743	30.29	ng/ul	0.00
49) 4-Nitrophenol-d4	14.53	143	89460	26.28	ng/ul	0.00
55) Fluorene-d10	15.32	176	630677	30.32	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.44	200	82512	22.47	ng/ul	0.00
68) Anthracene-d10	17.17	188	926996	31.02	ng/ul	0.00
76) Pyrene-d10	19.46	212	897996	30.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	597824	31.34	ng/ul	0.00

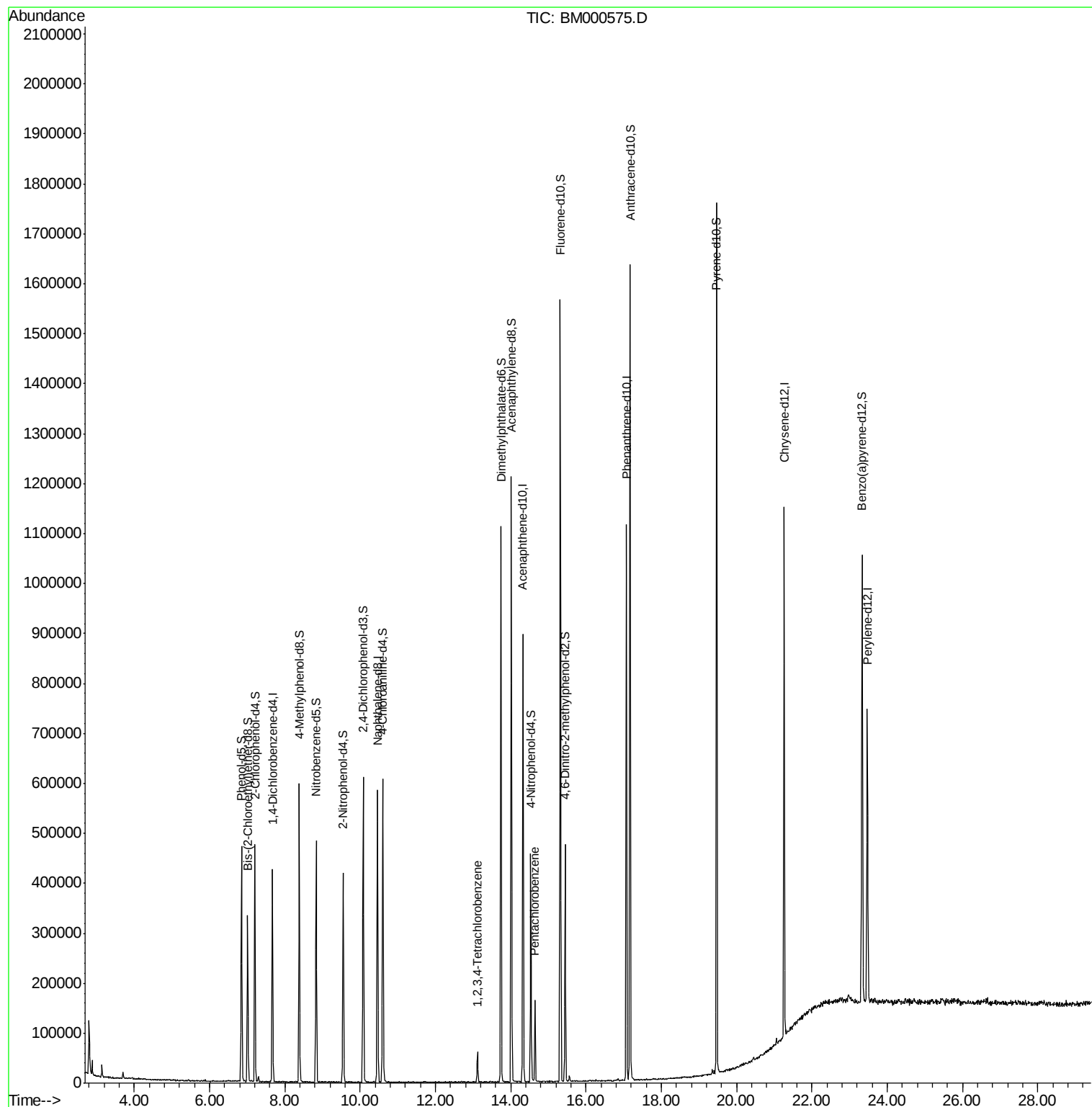
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
70) 1,2,3,4-Tetrachlorobenzene	13.12	216	19457	2.08	ng/uL	99
71) Pentachlorobenzene	14.64	250	39892	4.45	ng/uL	98

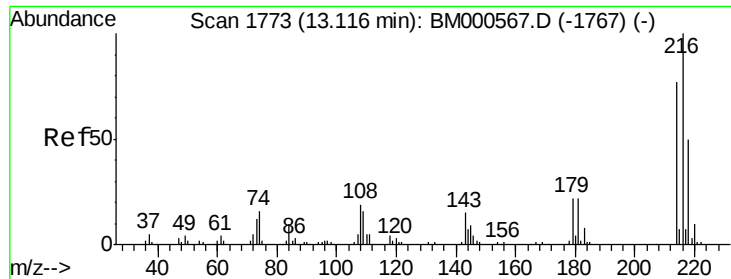
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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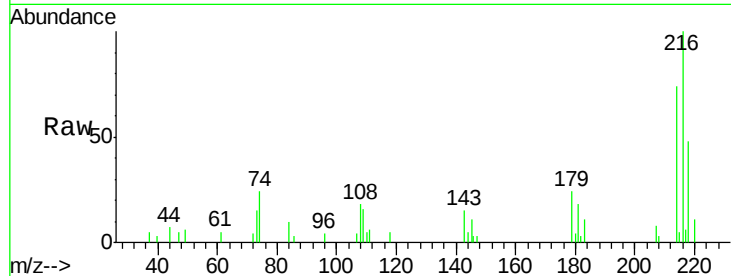




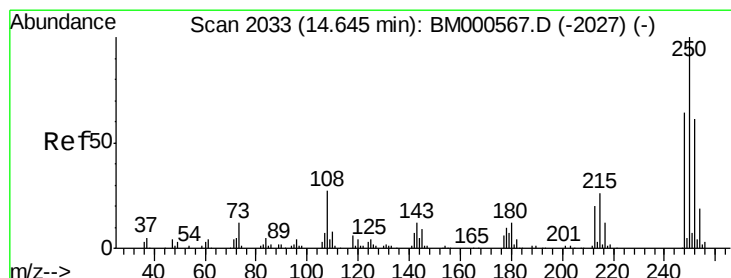
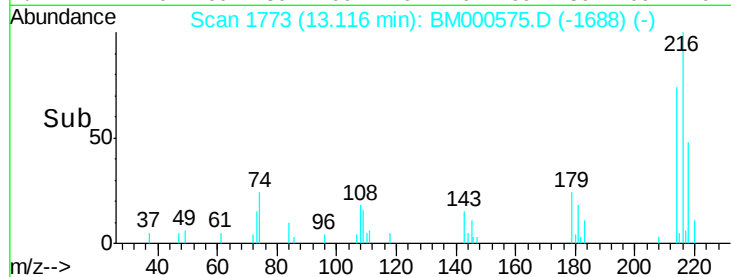
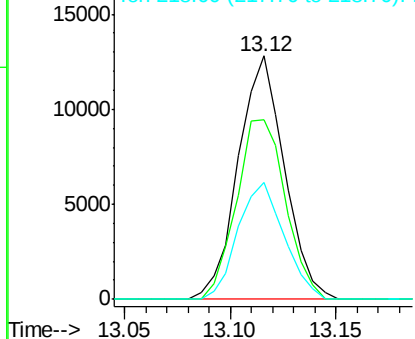
#70
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.08 ng/uL
 RT: 13.12 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BM000575.D
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Instrument :
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Tgt Ion: 216 Resp: 19457
 Ion Ratio Lower Upper
 216 100
 214 73.9 59.1 88.7
 218 47.9 37.6 56.4

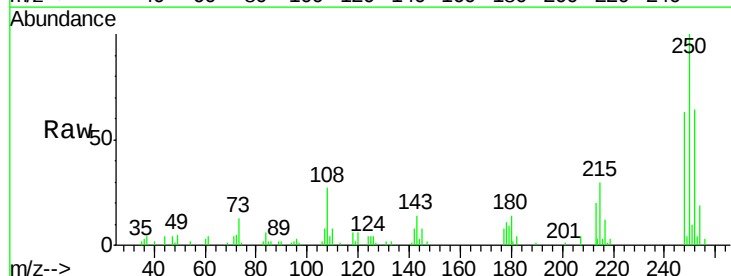


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E



#71
 Pentachlorobenzene
 Concen: 4.45 ng/uL
 RT: 14.64 min Scan# 2033
 Delta R.T. 0.00 min
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Tgt Ion: 250 Resp: 39892
 Ion Ratio Lower Upper
 250 100
 248 63.3 52.4 78.6
 252 64.0 51.5 77.3



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

