Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
Data File : BM000572.D
Acq On : 20 Feb 2015 23:14
Operator : TP/IZ
Sample : MDL-04-S
Misc : MDL-SOIL-3PPM-SOM0
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-04-S

Quant Time: Feb 21 04:04:31 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	110200	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	484686	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.32	164	336232	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.07	188	754851	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	617830	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	452056	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.85	99	291709	36.36	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.01	67	191090	40.31	ng/ul	0.00
7) 2-Chlorophenol-d4	7.20	132	255351	37.42	ng/ul	0.00
11) 4-Methylphenol-d8	8.38	113	256137	37.66	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	129743	39.89	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	154842	41.12	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.08	165	287283	36.01	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	401276	56.39	ng/ul	0.00
41) Dimethylphthalate-d6	13.74	166	1007501	41.40	ng/ul	0.00
44) Acenaphthylene-d8	14.02	160	1228310	37.67	ng/ul	0.00
49) 4-Nitrophenol-d4	14.53	143	145199	37.31	ng/ul	0.00
55) Fluorene-d10	15.32	176	914115	38.44	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.44	200	146910	33.49	ng/ul	0.00
68) Anthracene-d10	17.17	188	1395902	39.10	ng/ul	0.00
76) Pyrene-d10	19.47	212	1429053	39.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	841625	39.71	ng/ul	0.00
Target Compounds						Qvalue
70) 1,2,3,4-Tetrachlorobenzene	13.12	216	25880	2.32	ng/uL	96
71) Pentachlorobenzene	14.64	250	53061	4.95	ng/uL	97

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

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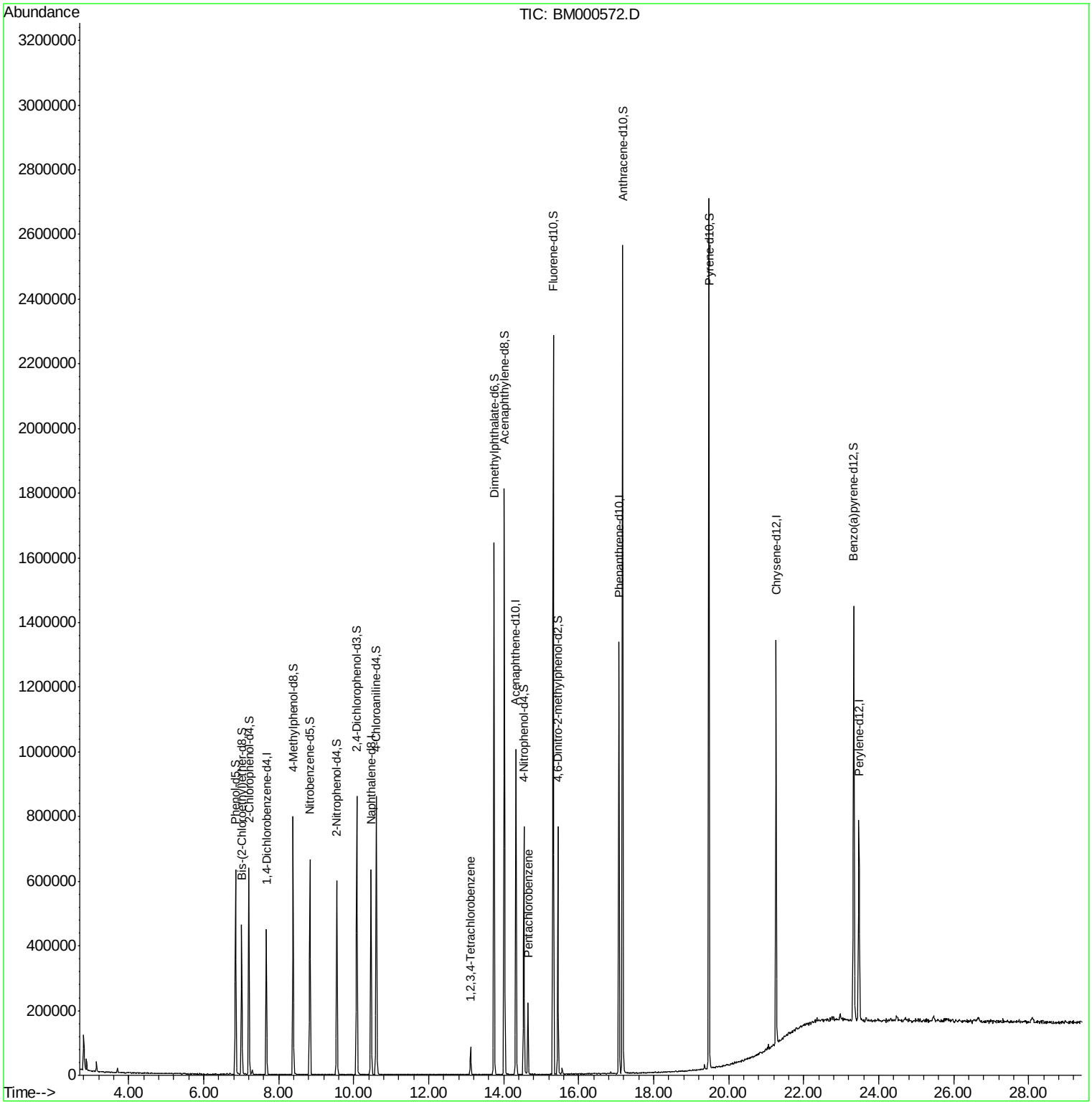
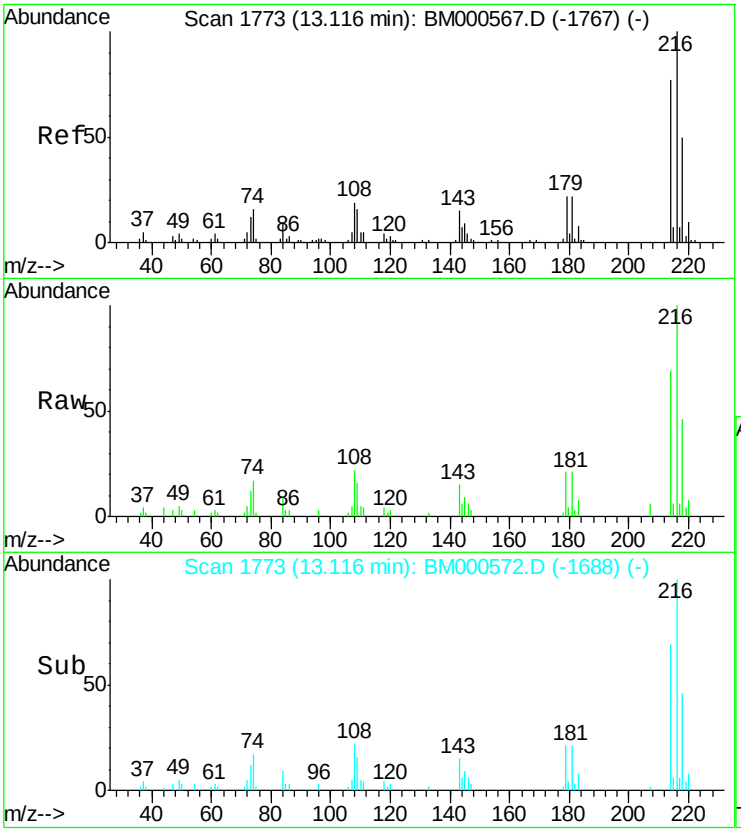


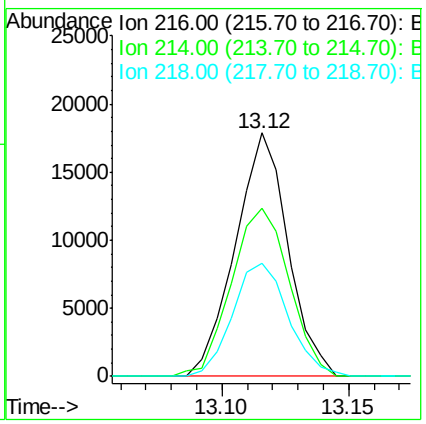


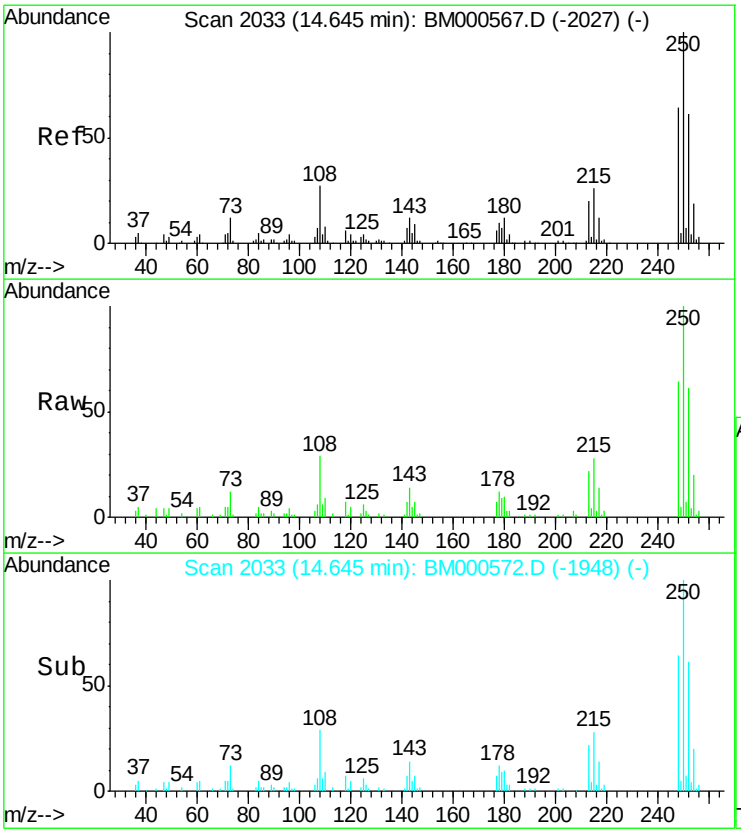
#70
1,2,3,4-Tetrachlorobenzene
Concen: 2.32 ng/uL
RT: 13.12 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BM000572.D
Acq: 20 Feb 2015 23:14

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:216 Resp: 25880

Ion	Ratio	Lower	Upper
216	100		
214	69.0	59.1	88.7
218	46.3	37.6	56.4





#71
Pentachlorobenzene
Concen: 4.95 ng/uL
RT: 14.64 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BM000572.D
Acq: 20 Feb 2015 23:14

Tgt Ion:250 Resp: 53061

Ion	Ratio	Lower	Upper
250	100		
248	64.2	52.4	78.6
252	61.1	51.5	77.3