Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011574.D
Acq On : 18 Sep 2017 18:11
Operator : SJ/JU
Sample : I5234-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AH2

Quant Time: Sep 18 18:59:29 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 18 17:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	314580	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1377734	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	763861	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	1654557	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1644549	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1494252	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	46275	6.62	ng/uL	0.00
5) Phenol-d5	7.12	99	231852	7.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	862880	42.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	717342	31.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	435419	18.46	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	455515	43.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	468740	43.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	805816	36.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	6334	0.26	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	2890763	44.76	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	3434024	43.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	57321	4.72	ng/ul	0.00
58) Fluorene-d10	15.59	176	2521353	45.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	347281	36.07	ng/ul	0.00
71) Anthracene-d10	17.44	188	3887129	47.71	ng/ul	0.00
79) Pyrene-d10	19.72	212	4251747	55.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	3402466	47.78	ng/ul	0.00
Target Compounds						Qvalue
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	765429	33.780	ng/ul#	95
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	10616799	481.537	ng/uL	98
74) Pentachlorobenzene	14.92	250	457948	20.480	ng/uL	99

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

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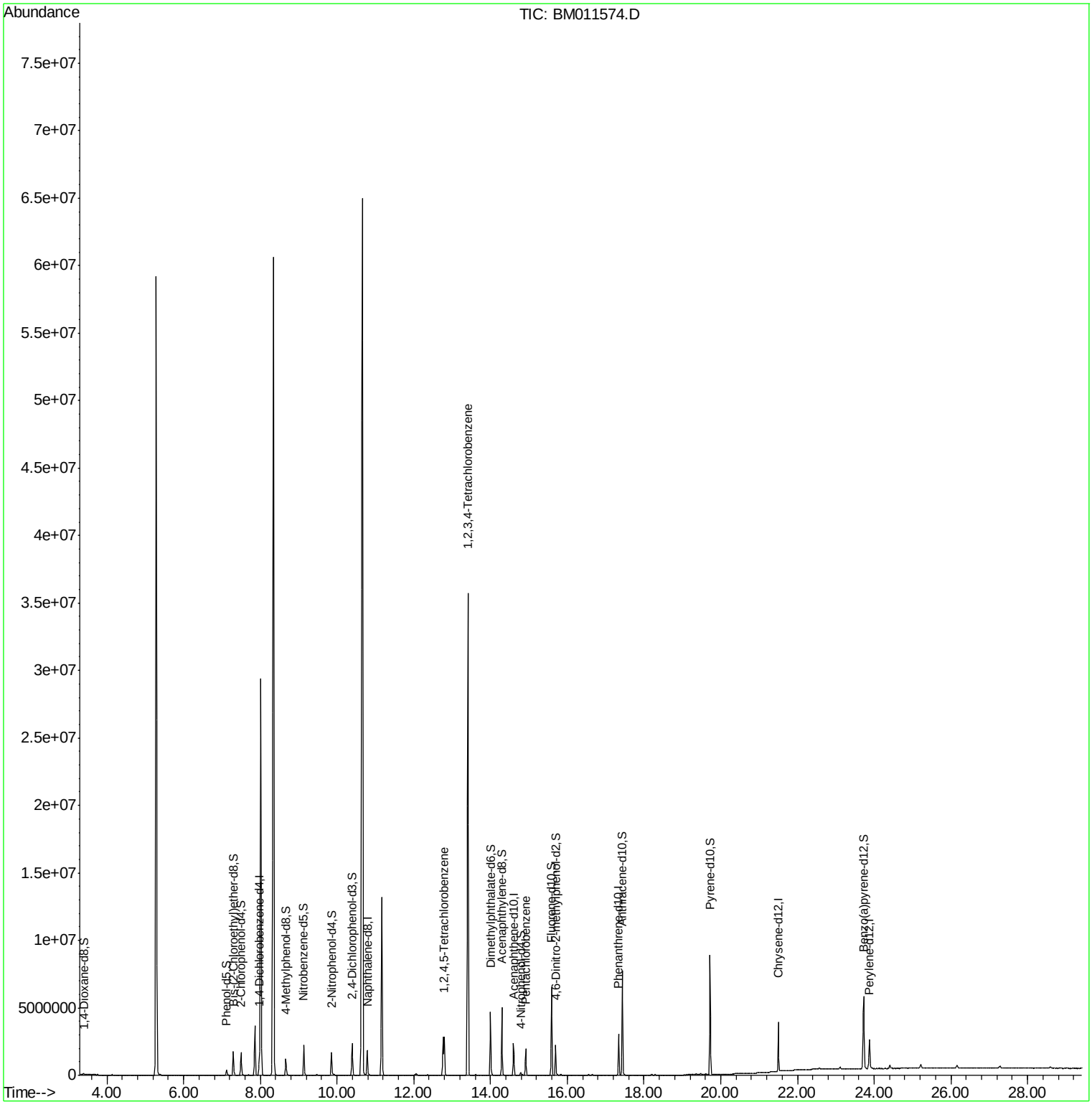
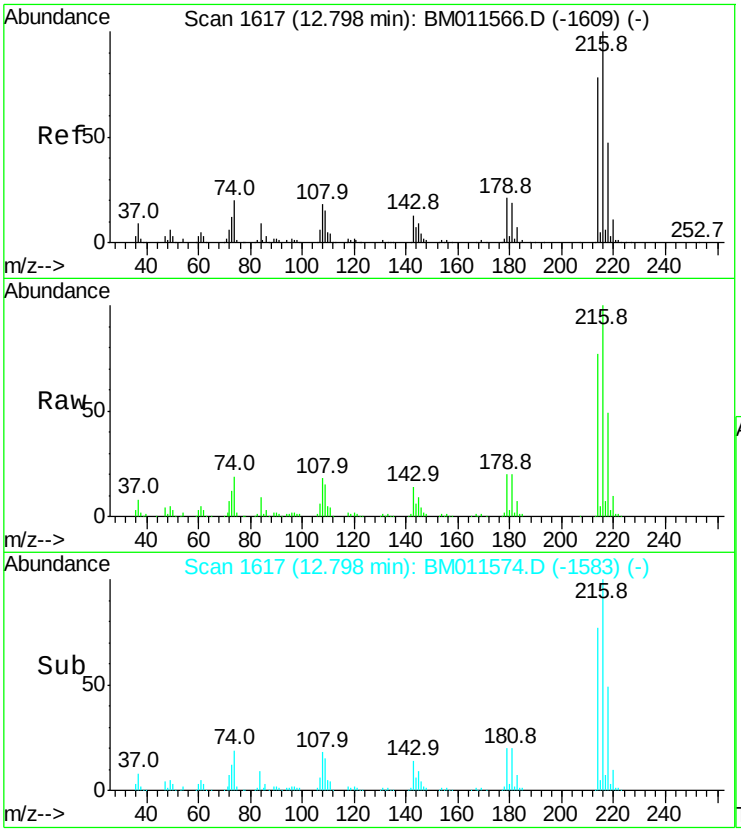


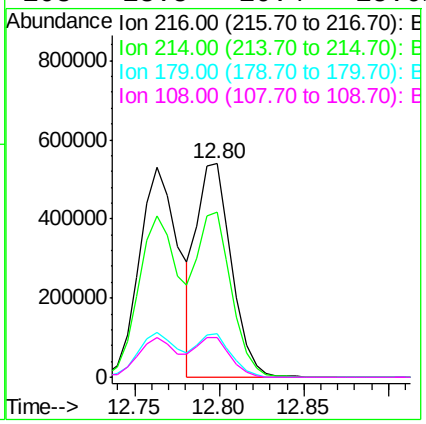


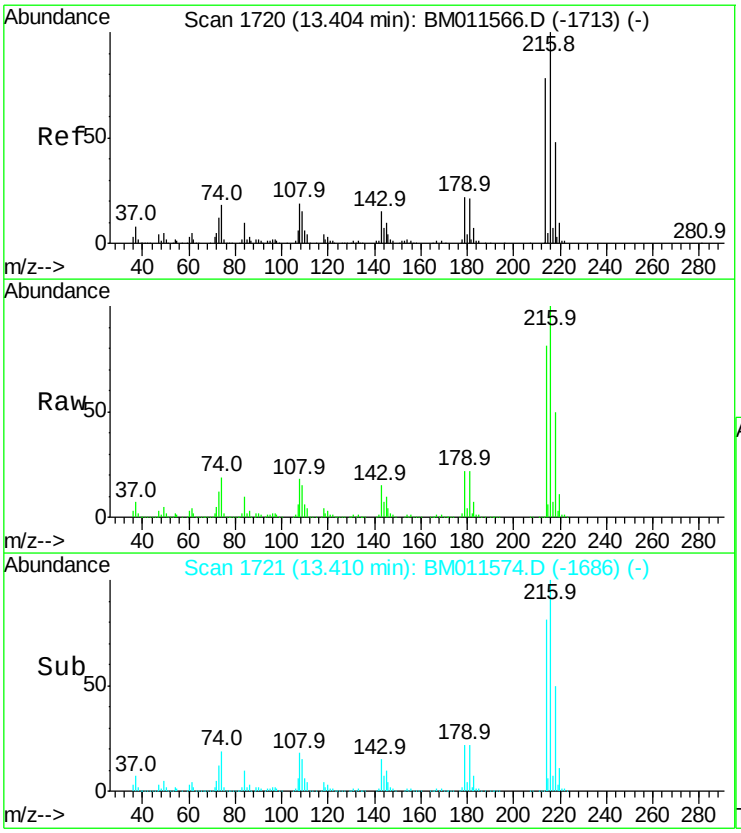
#37
1,2,4,5-Tetrachlorobenzene
Concen: 33.780 ng/ul
RT: 12.80 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BM011574.D
Acq: 18 Sep 2017 18:11

Instrument :
BNA_M
ClientSampleId :
C0AH2

Tgt Ion:216 Resp: 765429

Ion	Ratio	Lower	Upper
216	100		
214	77.3	64.1	96.1
179	20.1	14.5	21.7
108	18.5	10.4	15.6#

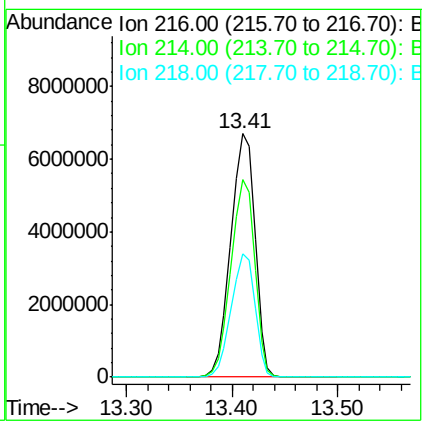


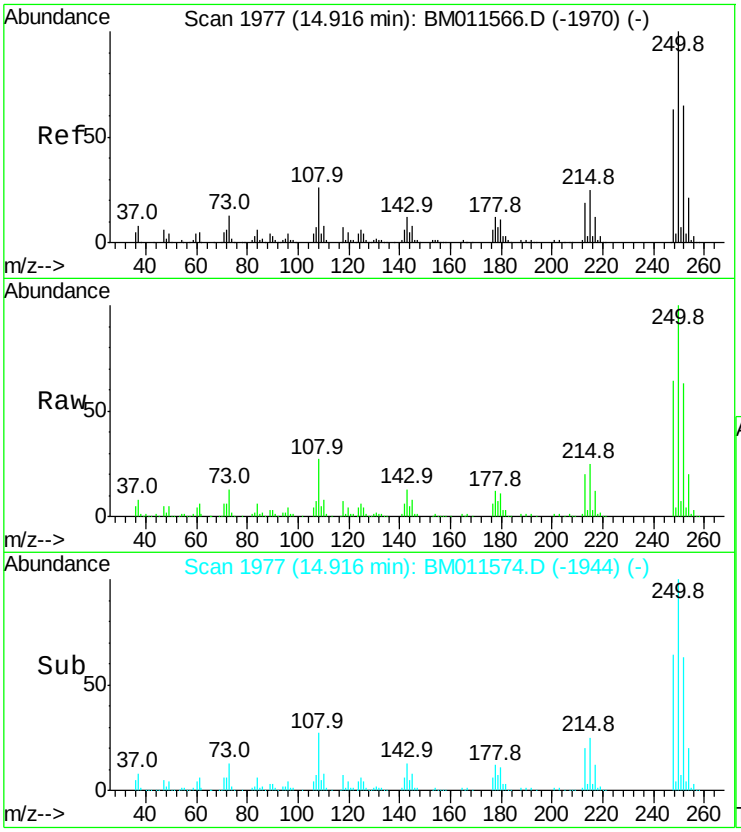


#73
1,2,3,4-Tetrachlorobenzene
Concen: 481.537 ng/uL
RT: 13.41 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BM011574.D
Acq: 18 Sep 2017 18:11

Tgt Ion:216 Resp:10616799

Ion	Ratio	Lower	Upper
216	100		
214	81.3	64.1	96.1
218	50.4	39.4	59.0





#74
Pentachlorobenzene
Concen: 20.480 ng/uL
RT: 14.92 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM011574.D
Acq: 18 Sep 2017 18:11

Instrument :
BNA_M
ClientSampleId :
C0AH2

Tgt Ion:250 Resp: 457948

Ion	Ratio	Lower	Upper
250	100		
248	63.8	51.4	77.2
252	63.3	49.8	74.6