Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011577.D
Acq On : 18 Sep 2017 20:00
Operator : SJ/JU
Sample : I5234-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
9/19/2017 5:34:13 PM

Quant Time: Sep 19 02:52:34 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 19 02:31:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	425707	20.00	ng/ul	0.03
18) Naphthalene-d8	10.79	136	1748376	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.60	164	1014638	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2231146	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2302463	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2086296	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	48788	5.16	ng/uL	0.00
5) Phenol-d5	7.12	99	230984	5.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	851563	30.91	ng/ul	0.01
9) 2-Chlorophenol-d4	7.50	132	727134	23.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	450449	14.12	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	455669	34.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	469010	34.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	817573	29.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	37330	1.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	2872801	33.49	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	3489751	33.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	63793m	3.96	ng/ul	0.00
58) Fluorene-d10	15.59	176	2544502	34.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	356283	27.44	ng/ul	0.00
71) Anthracene-d10	17.44	188	3988984	36.31	ng/ul	0.00
79) Pyrene-d10	19.72	212	4471928	41.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3679355	37.01	ng/ul	0.00
Target Compounds						Qvalue
20) Nitrobenzene	9.18	77	1317356	42.211	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	1222245	40.609	ng/ul#	97
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	1856871	62.456	ng/uL	98
74) Pentachlorobenzene	14.92	250	73948	2.452	ng/uL	96

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

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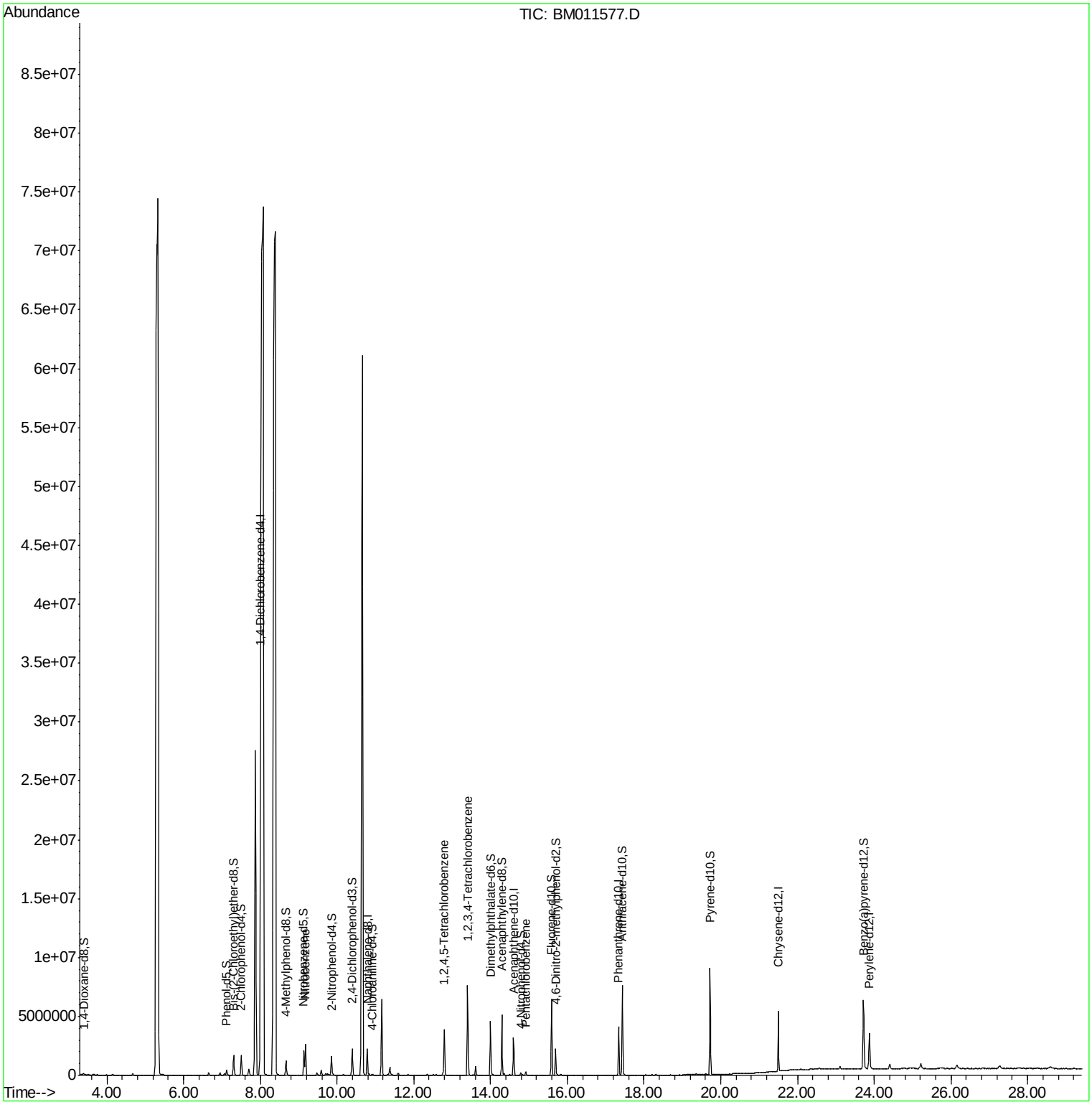
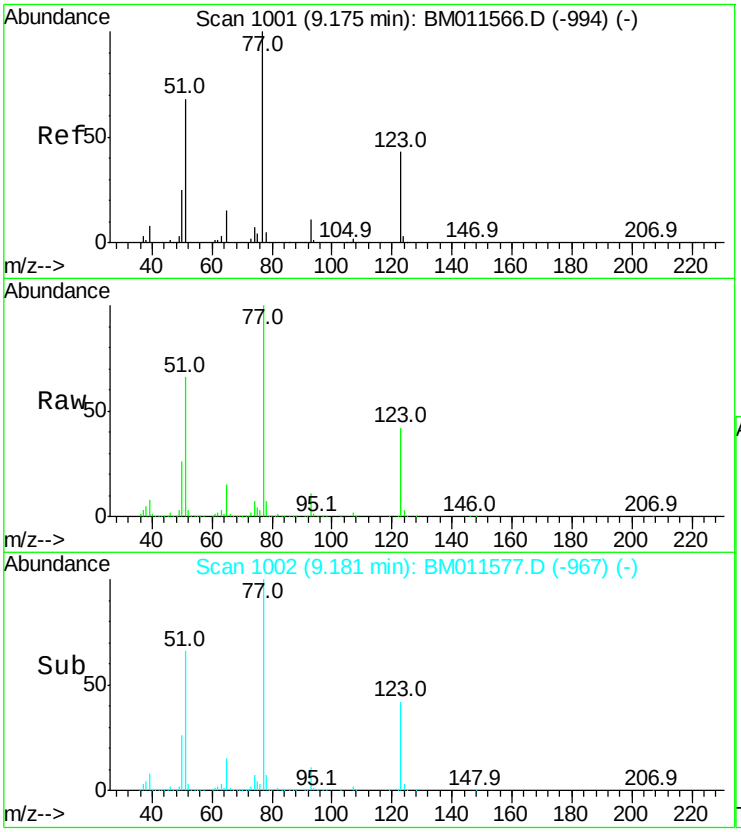
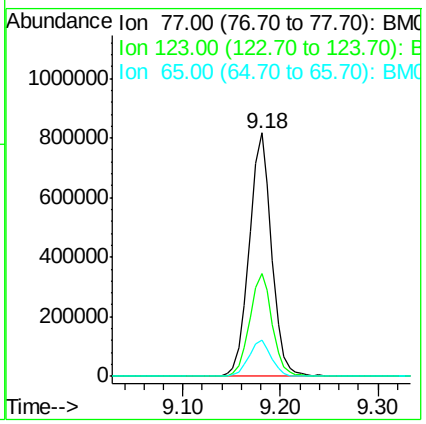




#20
Nitrobenzene
Concen: 42.211 ng/ul
RT: 9.18 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BM011577.D
Acq: 18 Sep 2017 20:00

Tgt Ion: 77 Resp: 1317356

Ion	Ratio	Lower	Upper
77	100		
123	42.2	31.8	47.8
65	15.0	10.6	16.0



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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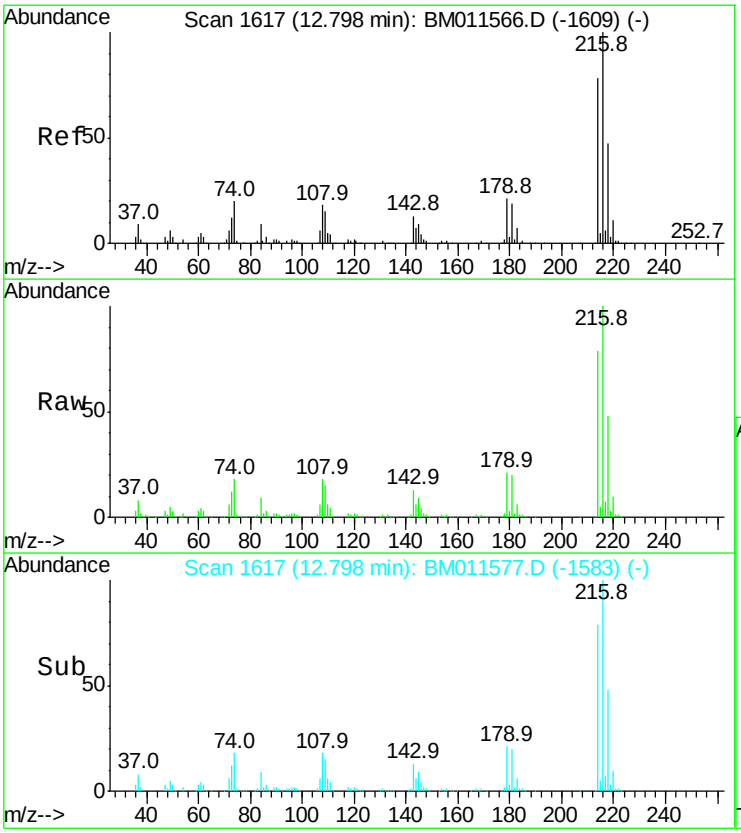
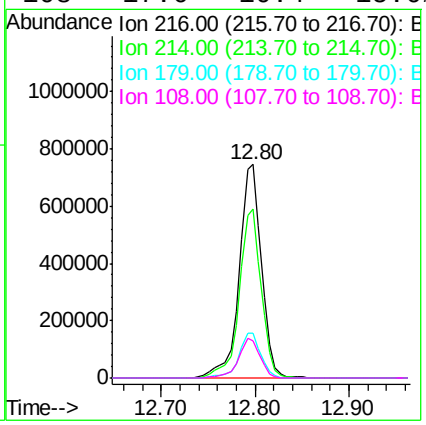
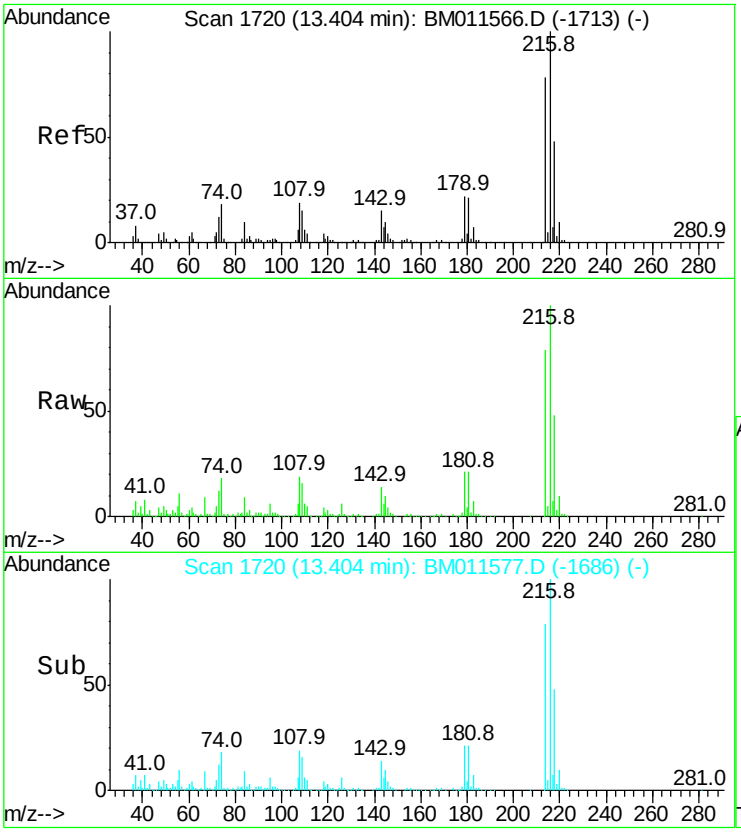


#37
1,2,4,5-Tetrachlorobenzene
Concen: 40.609 ng/ul
RT: 12.80 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BM011577.D
Acq: 18 Sep 2017 20:00

Tgt Ion:216 Resp: 1222245

Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.1	96.1
179	20.8	14.5	21.7
108	17.6	10.4	15.6#

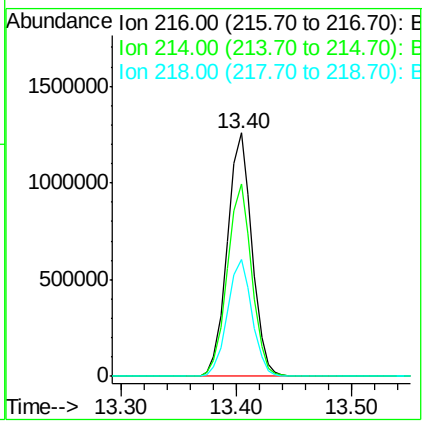




#73
1,2,3,4-Tetrachlorobenzene
Concen: 62.456 ng/uL
RT: 13.40 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BM011577.D
Acq: 18 Sep 2017 20:00

Tgt Ion:216 Resp: 1856871

Ion	Ratio	Lower	Upper
216	100		
214	78.8	64.1	96.1
218	47.9	39.4	59.0



Instrument :
BNA_M
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
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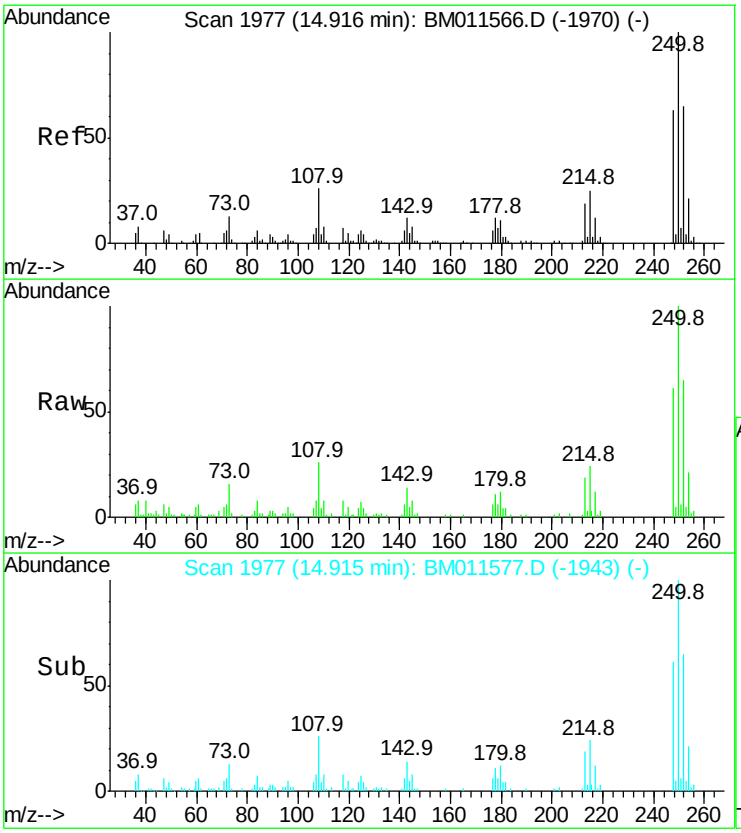

#74
Pentachlorobenzene
Concen: 2.452 ng/uL
RT: 14.92 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM011577.D
Acq: 18 Sep 2017 20:00

Tgt Ion:250 Resp: 73948

Ion	Ratio	Lower	Upper
250	100		
248	61.3	51.4	77.2
252	64.9	49.8	74.6