Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091917\
Data File : BM011620.D
Acq On : 20 Sep 2017 00:41
Operator : SJ/JU
Sample : I5273-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ7

Quant Time: Oct 06 19:12:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 05:31:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	389382	20.00	ng/ul	0.02
18) Naphthalene-d8	10.79	136	1623528	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.60	164	963198	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2142666	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2249830	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2019236	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	43578	5.03	ng/uL	0.00
5) Phenol-d5	7.12	99	249944	6.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	856278	33.98	ng/ul	0.01
9) 2-Chlorophenol-d4	7.50	132	766312	27.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	466258	15.97	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	489703	39.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	526462	41.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	892783	34.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	16253	0.57	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	3186586	39.13	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	3849070	39.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	87649	5.73	ng/ul	0.00
58) Fluorene-d10	15.59	176	2751499	39.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	466575	37.42	ng/ul	0.00
71) Anthracene-d10	17.43	188	4432972	42.01	ng/ul	0.00
79) Pyrene-d10	19.72	212	4901364	46.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	4124130	42.86	ng/ul	0.00
Target Compounds						Qvalue
20) Nitrobenzene	9.17	77	1353572	46.707	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	424547	14.859	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	1262551	44.219	ng/uL	97
74) Pentachlorobenzene	14.92	250	50320	1.738	ng/uL	93

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

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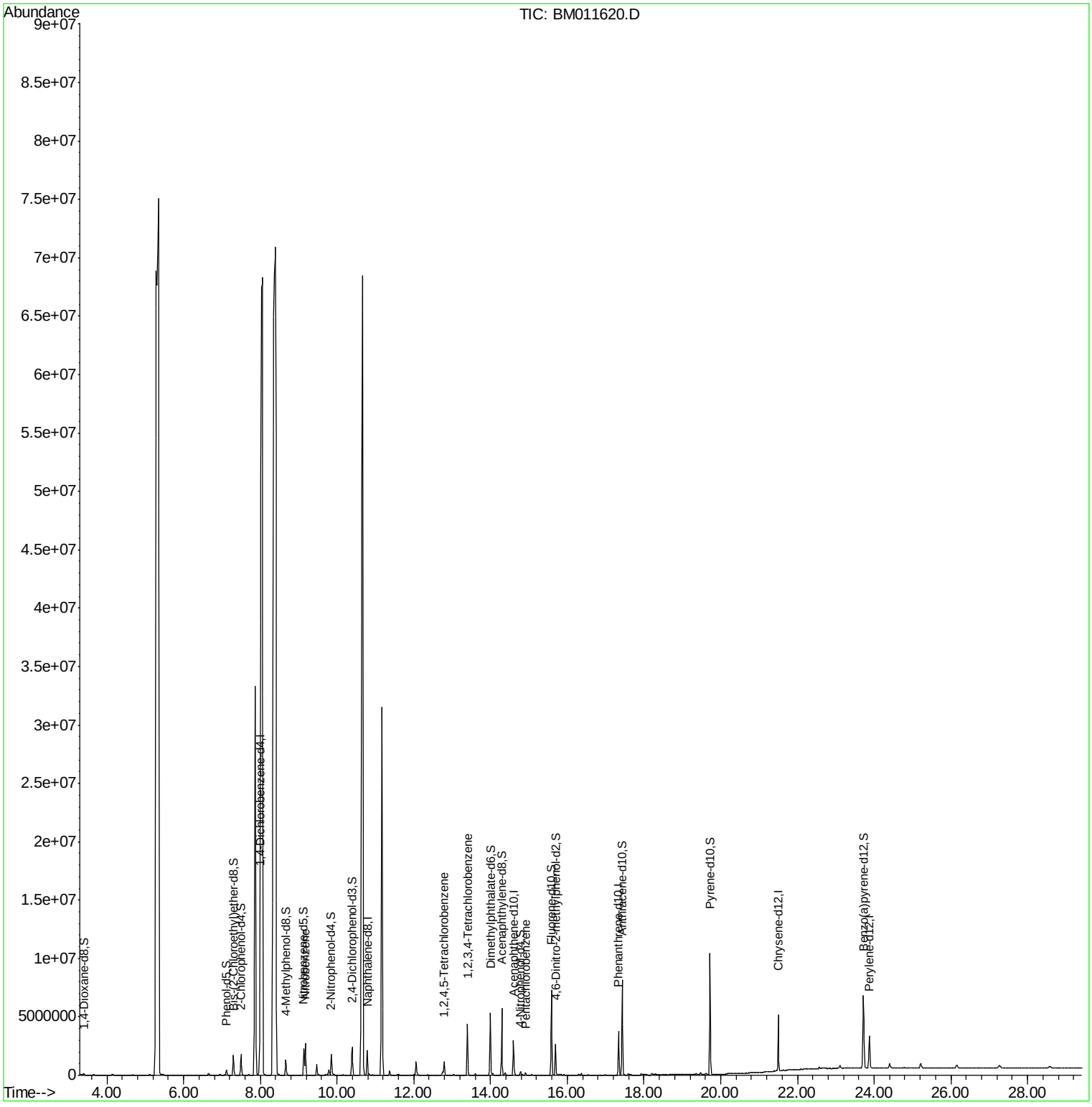
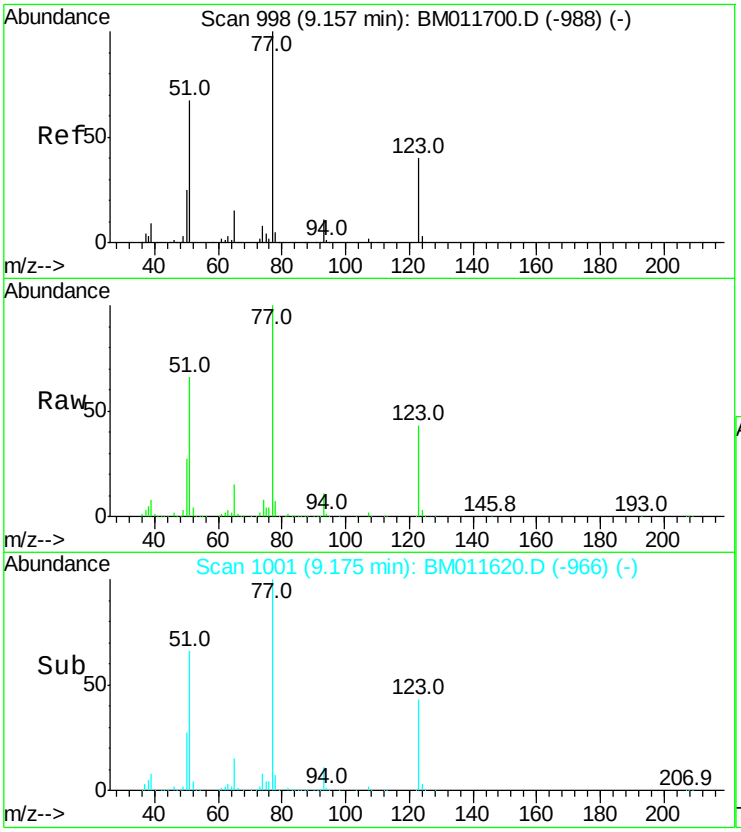


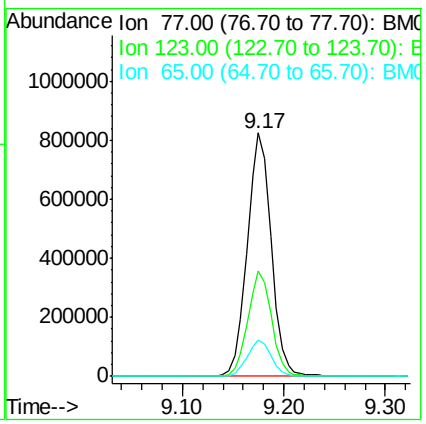


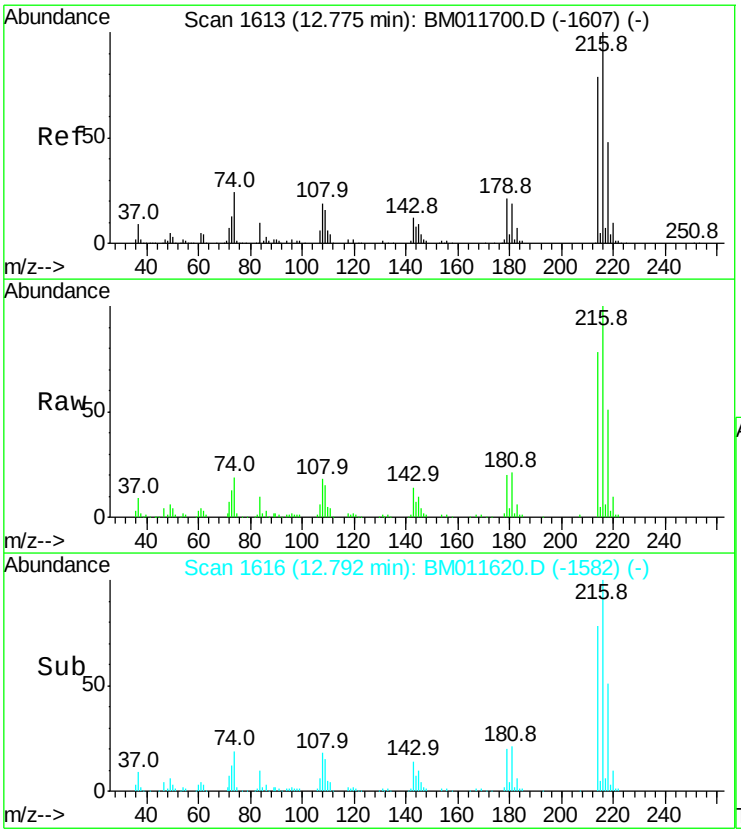
#20
Nitrobenzene
Concen: 46.707 ng/ul
RT: 9.17 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BM011620.D
Acq: 20 Sep 2017 00:41

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Tgt Ion: 77 Resp: 1353572

Ion	Ratio	Lower	Upper
77	100		
123	43.4	31.8	47.8
65	15.1	10.6	16.0

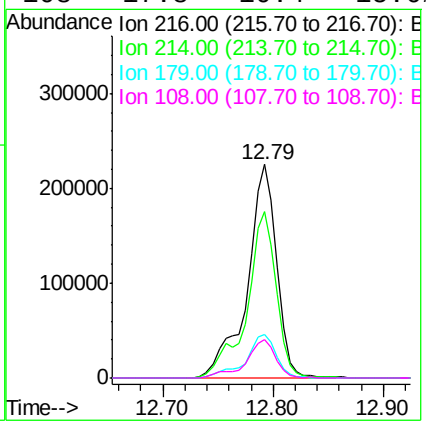


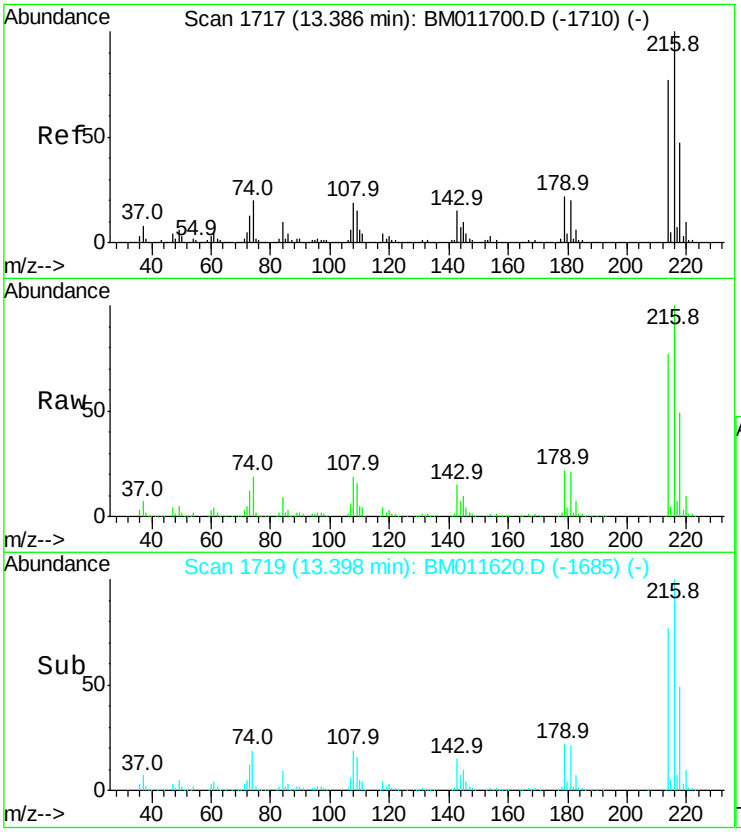


#37
1,2,4,5-Tetrachlorobenzene
Concen: 14.859 ng/ul
RT: 12.79 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BM011620.D
Acq: 20 Sep 2017 00:41

Tgt Ion:216 Resp: 424547

Ion	Ratio	Lower	Upper
216	100		
214	77.8	64.1	96.1
179	20.4	14.5	21.7
108	17.8	10.4	15.6#



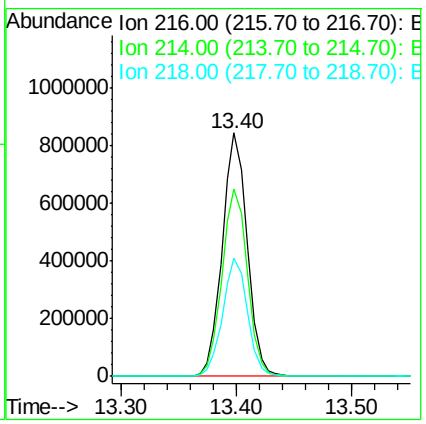


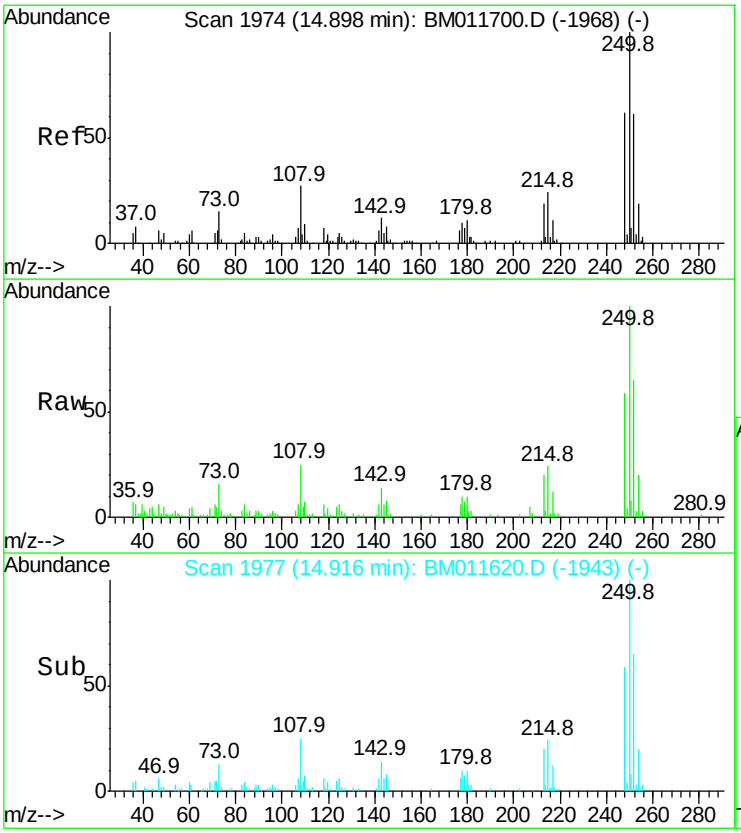
#73
1,2,3,4-Tetrachlorobenzene
Concen: 44.219 ng/uL
RT: 13.40 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM011620.D
Acq: 20 Sep 2017 00:41

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Tgt Ion:216 Resp: 1262551

Ion	Ratio	Lower	Upper
216	100		
214	76.9	64.1	96.1
218	48.6	39.4	59.0





#74
Pentachlorobenzene
Concen: 1.738 ng/uL
RT: 14.92 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM011620.D
Acq: 20 Sep 2017 00:41

Tgt Ion:250 Resp: 50320

Ion	Ratio	Lower	Upper
250	100		
248	59.2	51.4	77.2
252	68.3	49.8	74.6