Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042816\
Data File : BM005123.D
Acq On : 28 Apr 2016 20:52
Operator : UM/SJ
Sample : H2639-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7N5

Quant Time: Apr 29 02:24:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 29 02:20:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	39338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	185859	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	121184	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	287829	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	320785	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	279648	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	854	1.10	ng/uL	0.00
5) Phenol-d5	6.96	99	21411	6.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	52736	28.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	58319	22.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	42637	15.45	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	37337	29.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	43227	30.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	74922	27.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	281	0.09	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	319249	33.36	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	338148	29.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	12071	7.22	ng/ul	0.00
57) Fluorene-d10	15.42	176	266735	31.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	56224	34.34	ng/ul	0.00
70) Anthracene-d10	17.27	188	450525	34.91	ng/ul	0.00
76) Pyrene-d10	19.57	212	512099	35.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	433863	34.63	ng/ul	0.00
Target Compounds						Qvalue
45) 2,6-Dinitrotoluene	13.84	165	2452	1.32	ng/ul#	40
69) Phenanthrene	17.22	178	29428	1.92	ng/ul	98
71) Anthracene	17.22	178	29428	1.91	ng/ul	99
72) Carbazole	17.58	167	14228	1.07	ng/ul	99

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

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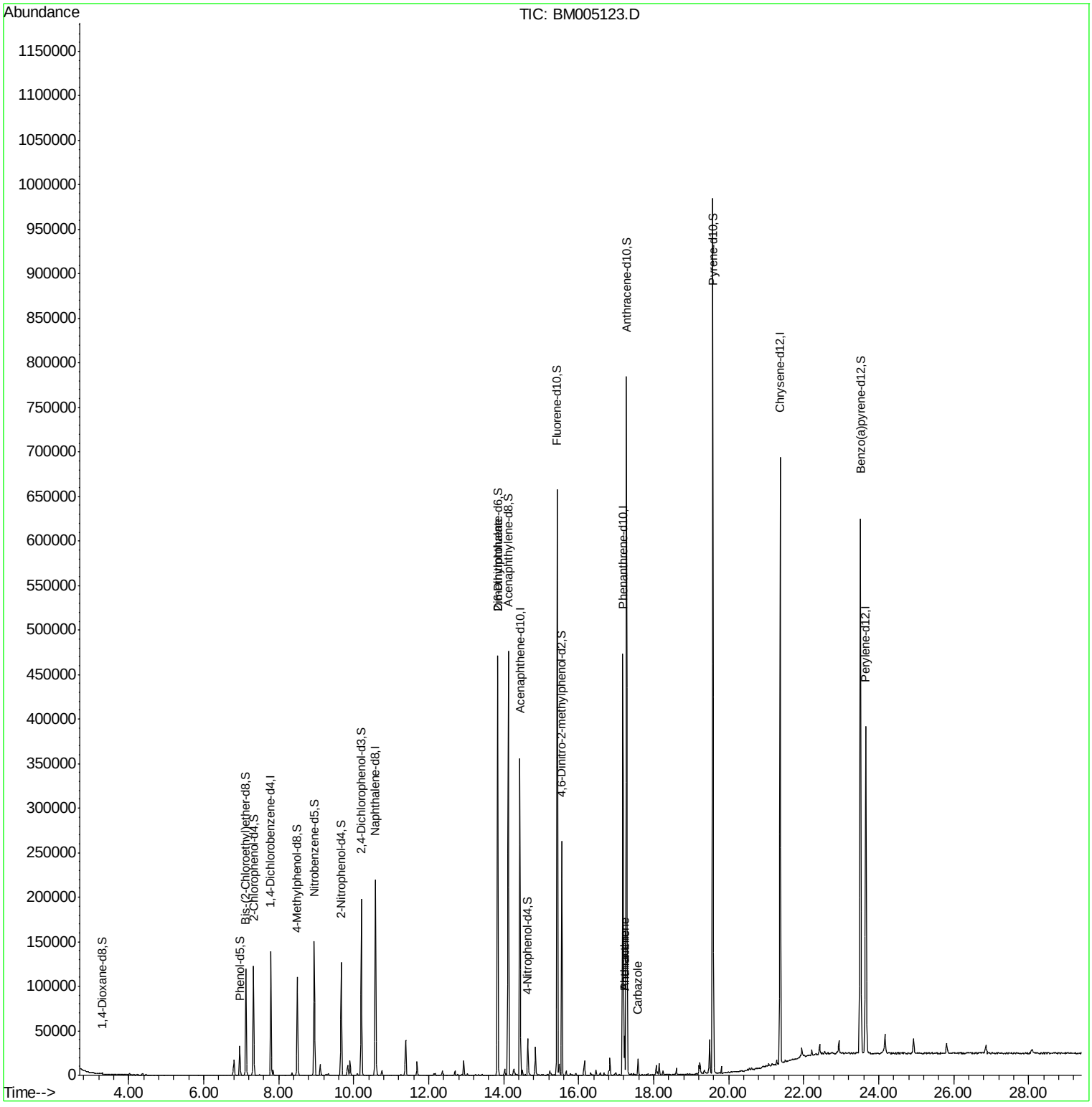
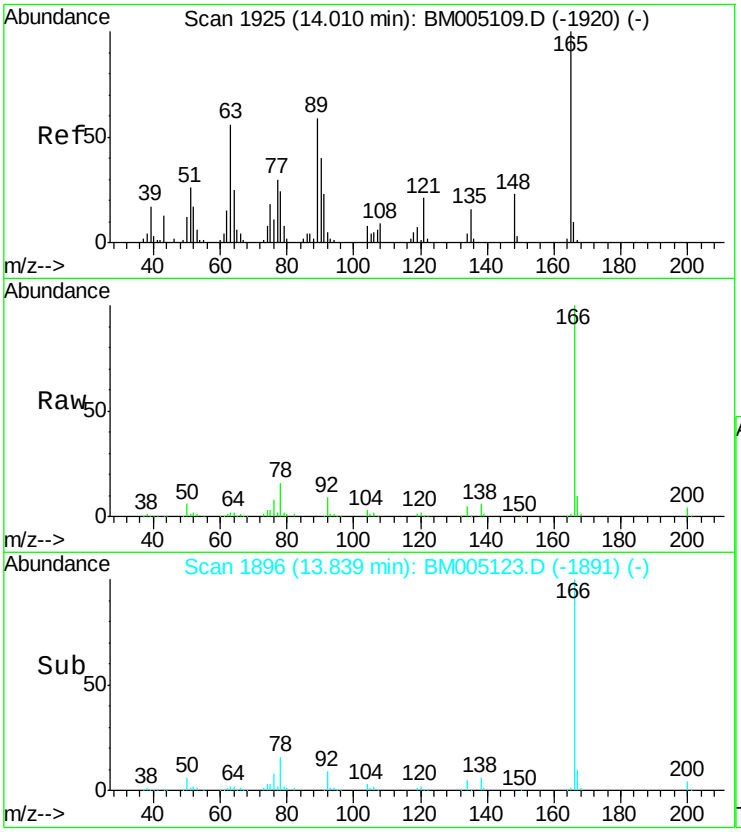


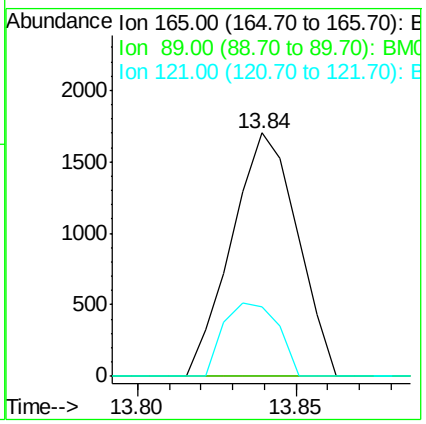


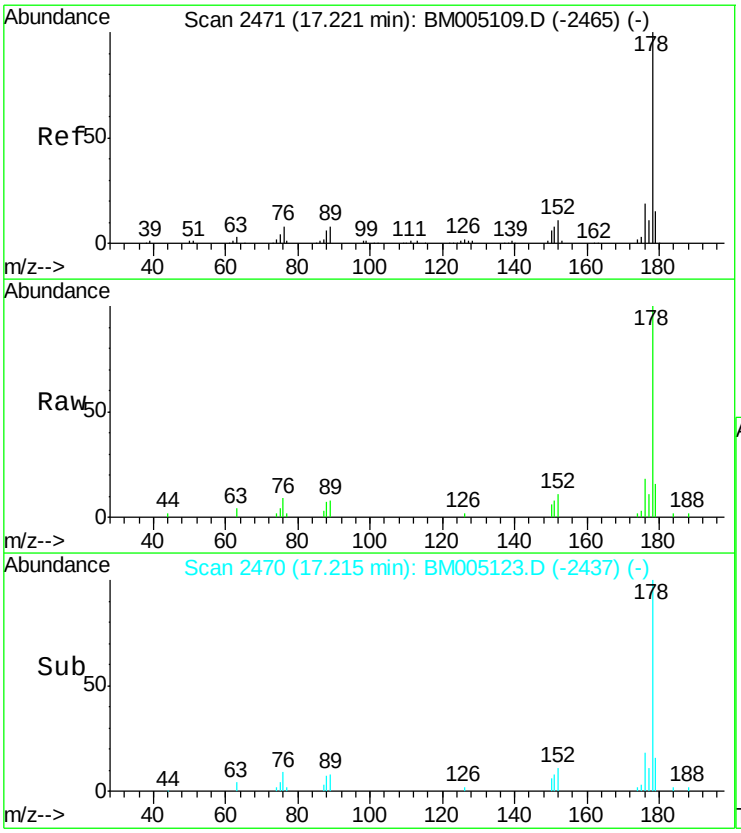
#45
2,6-Dinitrotoluene
Concen: 1.32 ng/ul
RT: 13.84 min Scan# 1896
Delta R.T. -0.17 min
Lab File: BM005123.D
Acq: 28 Apr 2016 20:52

Instrument :
BNA_M
ClientSampleId :
BC7N5

Tgt Ion:165 Resp: 2452

Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.1	64.7#
121	28.7	16.0	24.0#

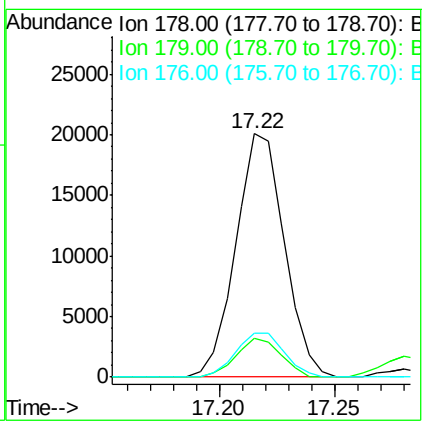


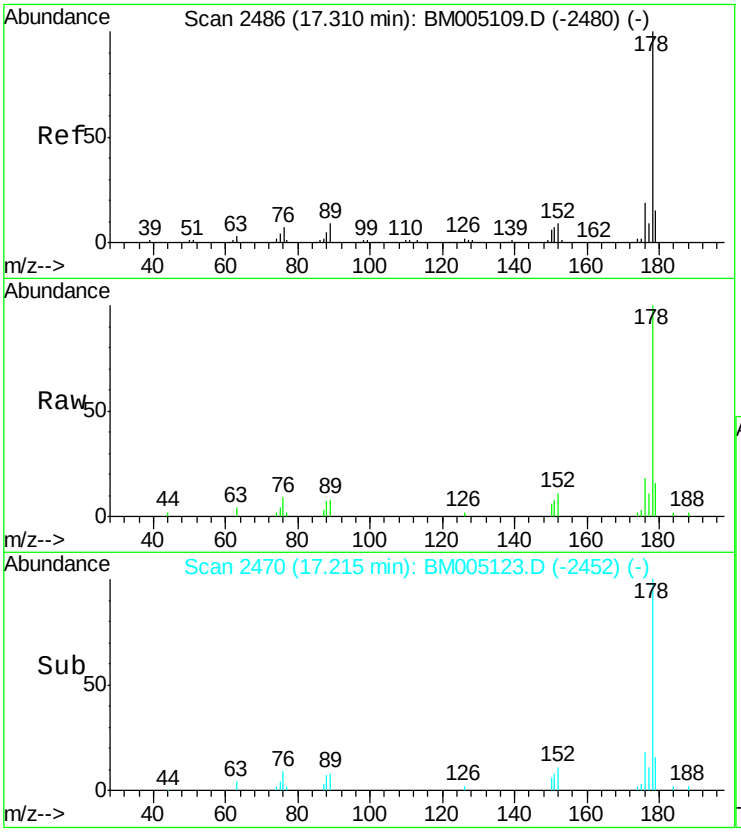


#69
Phenanthrene
Concen: 1.92 ng/ul
RT: 17.22 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BM005123.D
Acq: 28 Apr 2016 20:52

Tgt Ion:178 Resp: 29428

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	18.1	15.2	22.8



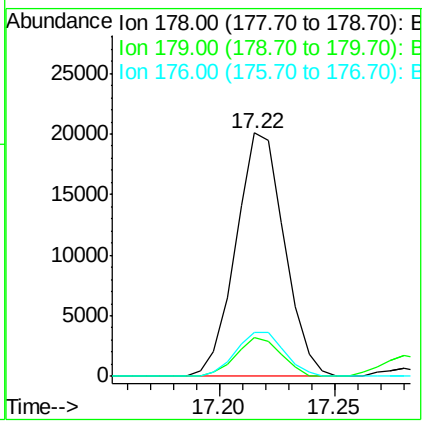


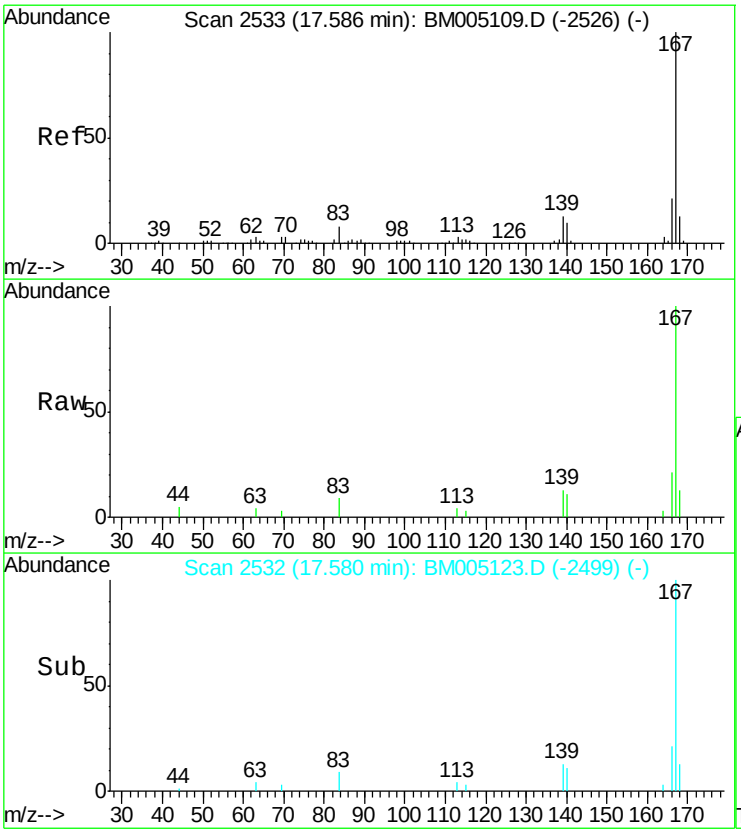
#71
Anthracene
Concen: 1.91 ng/ul
RT: 17.22 min Scan# 2470
Delta R.T. -0.09 min
Lab File: BM005123.D
Acq: 28 Apr 2016 20:52

Instrument :
BNA_M
ClientSampleId :
BC7N5

Tgt Ion:178 Resp: 29428

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.1	18.1
176	18.1	14.6	22.0





#72
Carbazole
Concen: 1.07 ng/ul
RT: 17.58 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BM005123.D
Acq: 28 Apr 2016 20:52

Tgt Ion:167 Resp: 14228

Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.6	25.0
139	13.1	10.2	15.4