Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013178.D
Acq On : 04 Dec 2017 21:57
Operator : SJ/JU
Sample : I6646-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0244

Quant Time: Dec 05 06:07:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 04:53:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	284976	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1229529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	713304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1598305	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1414619	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1071099	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	17128	2.98	ng/uL	0.00
5) Phenol-d5	6.88	99	427898	17.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	273241	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	371745	19.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	214208	10.17	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	199975	20.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	207989	19.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	362730	16.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	334716	16.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1207389	19.02	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1525128	19.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	168914	15.32	ng/ul	0.00
57) Fluorene-d10	15.34	176	1052397	19.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	133699	13.30	ng/ul	0.00
70) Anthracene-d10	17.19	188	1594581	19.92	ng/ul	0.00
76) Pyrene-d10	19.49	212	1669788	23.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1096755	20.10	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.91	94	44309	1.818	ng/ul#	84
44) Dimethylphthalate	13.80	163	203111	3.346	ng/ul#	98
49) Acenaphthene	14.40	153	67686	1.371	ng/ul	99
58) Fluorene	15.39	166	90068	1.494	ng/ul	89
69) Phenanthrene	17.13	178	618032	6.806	ng/ul	99
74) Fluoranthene	19.14	202	421168	3.785	ng/ul#	93
77) Pyrene	19.51	202	459309	5.344	ng/ul#	90
80) Benzo(a)anthracene	21.26	228	142702	1.590	ng/ul#	91
82) Chrysene	21.31	228	153342	1.842	ng/ul#	95
85) Benzo(b)fluoranthene	22.84	252	140759	1.949	ng/ul#	83
88) Benzo(a)pyrene	23.40	252	88427	1.363	ng/ul#	89

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

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Data File : BM013178.D
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Quant Title : SVOA CALIBRATION
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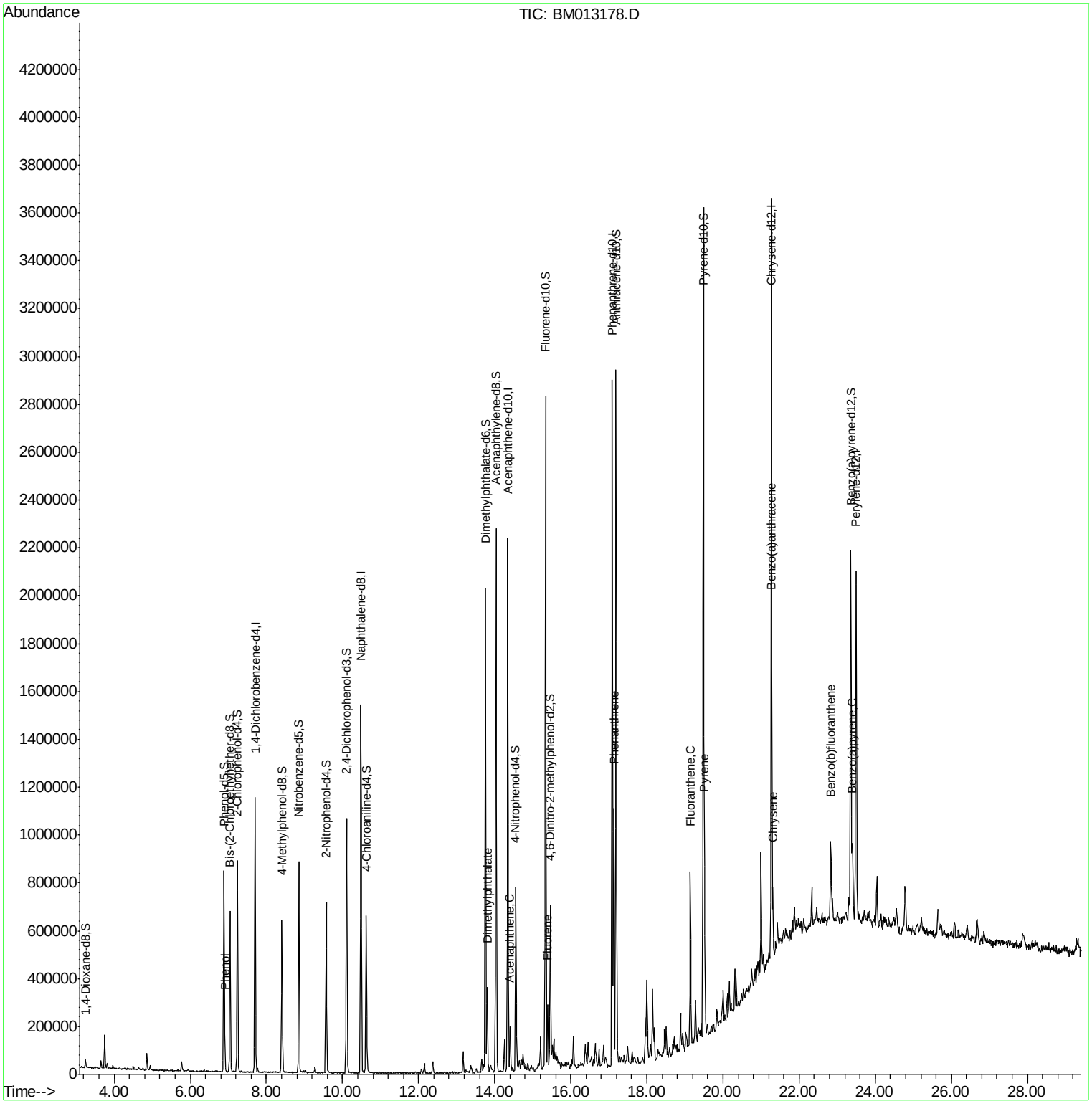
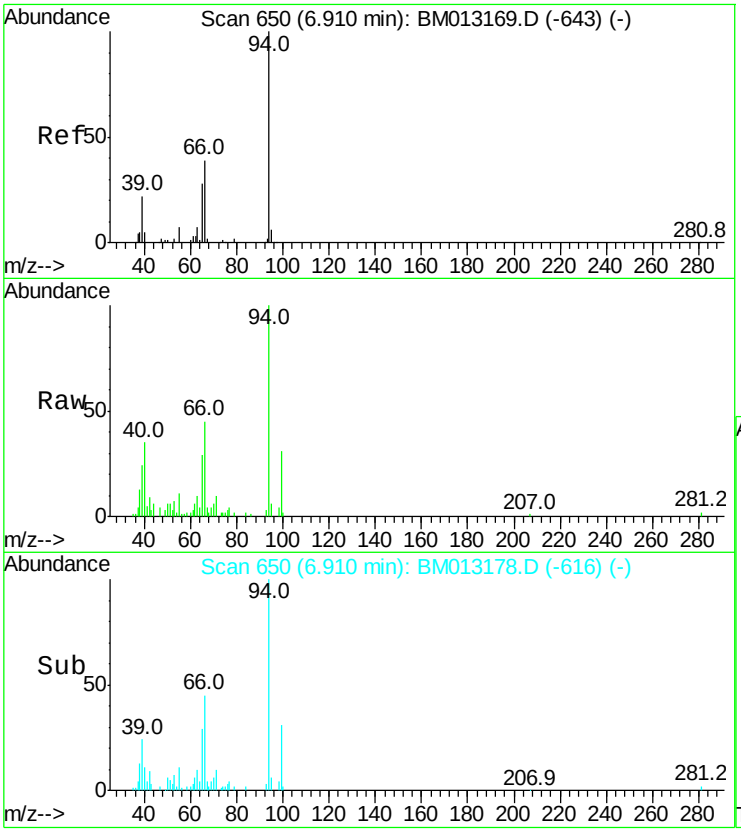


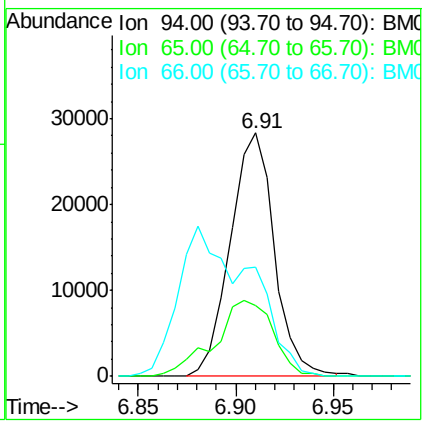


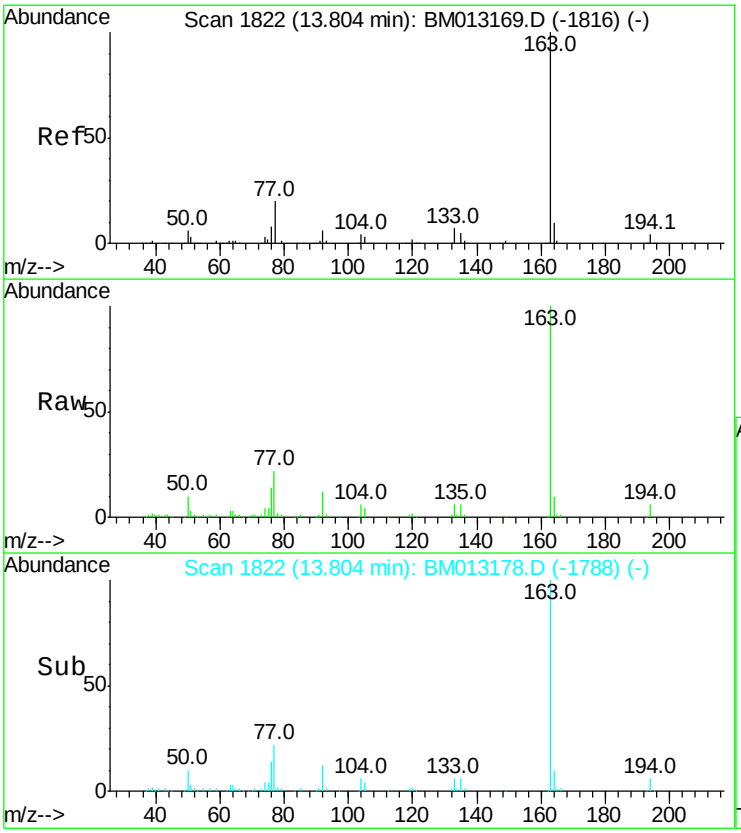
#6
Phenol
Concen: 1.818 ng/ul
RT: 6.91 min Scan# 650
Delta R.T. -0.00 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

Instrument :
BNA_M
ClientSampleId :
C0244

Tgt Ion: 94 Resp: 44309

Ion	Ratio	Lower	Upper
94	100		
65	28.9	28.2	42.4
66	44.8	47.2	70.8#

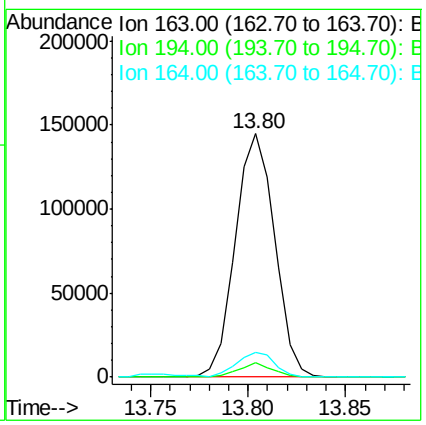


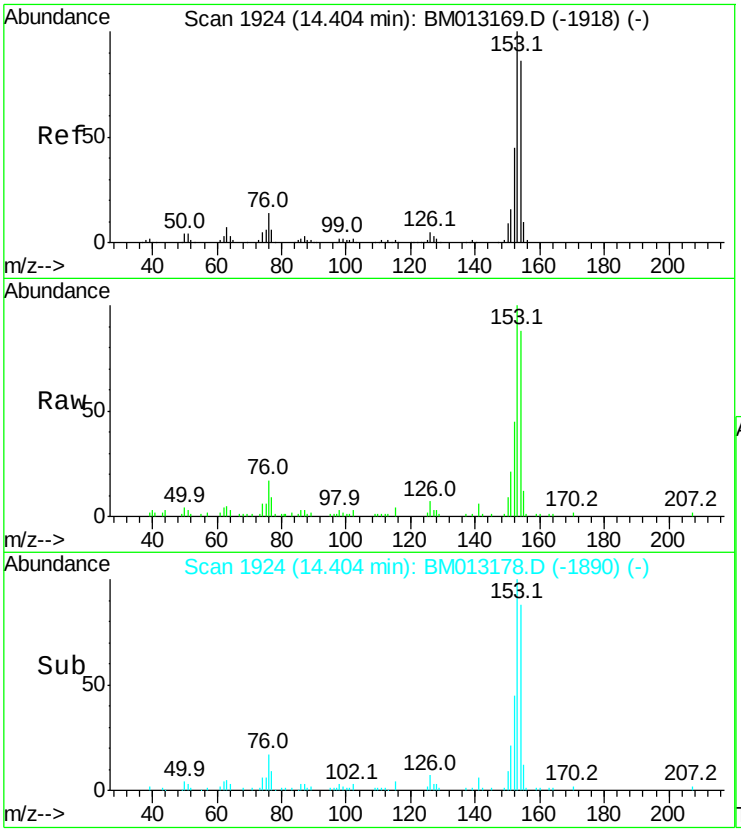


#44
Dimethylphthalate
Concen: 3.346 ng/ul
RT: 13.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

Tgt Ion:163 Resp: 203111

Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.5	5.3#
164	9.9	8.2	12.4



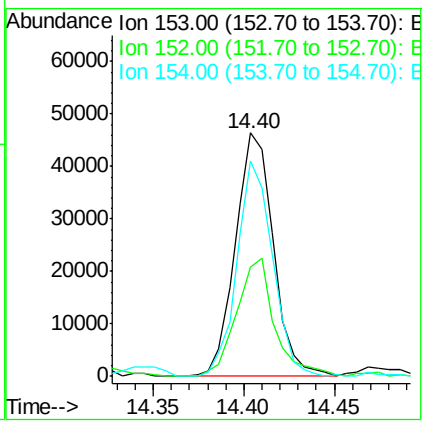


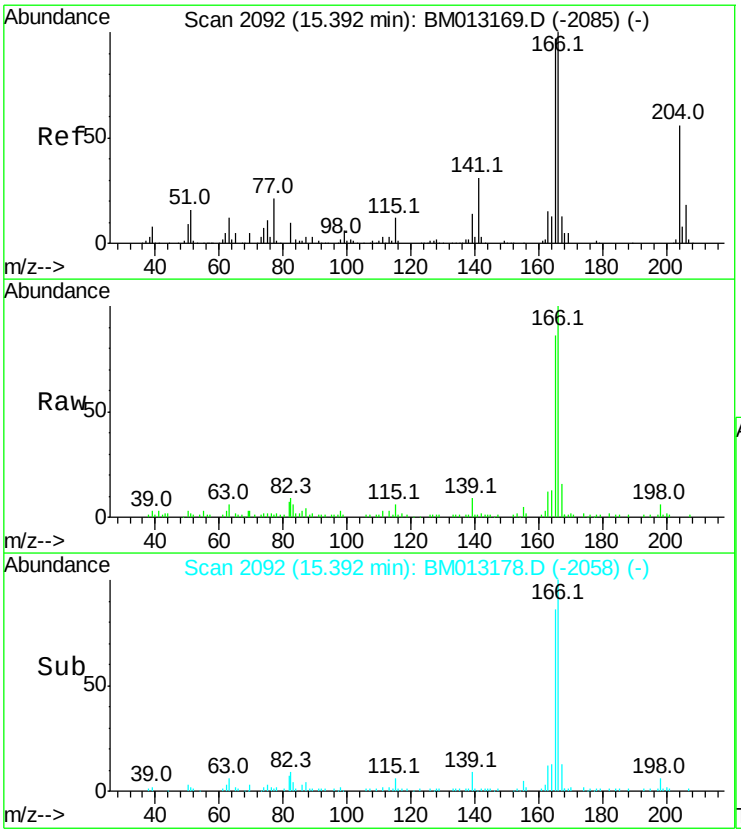
#49
Acenaphthene
Concen: 1.371 ng/ul
RT: 14.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

Instrument :
BNA_M
ClientSampleId :
C0244

Tgt Ion:153 Resp: 67686

Ion	Ratio	Lower	Upper
153	100		
152	44.8	37.6	56.4
154	88.3	70.4	105.6

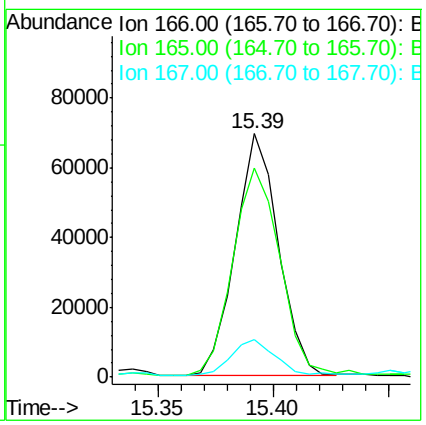


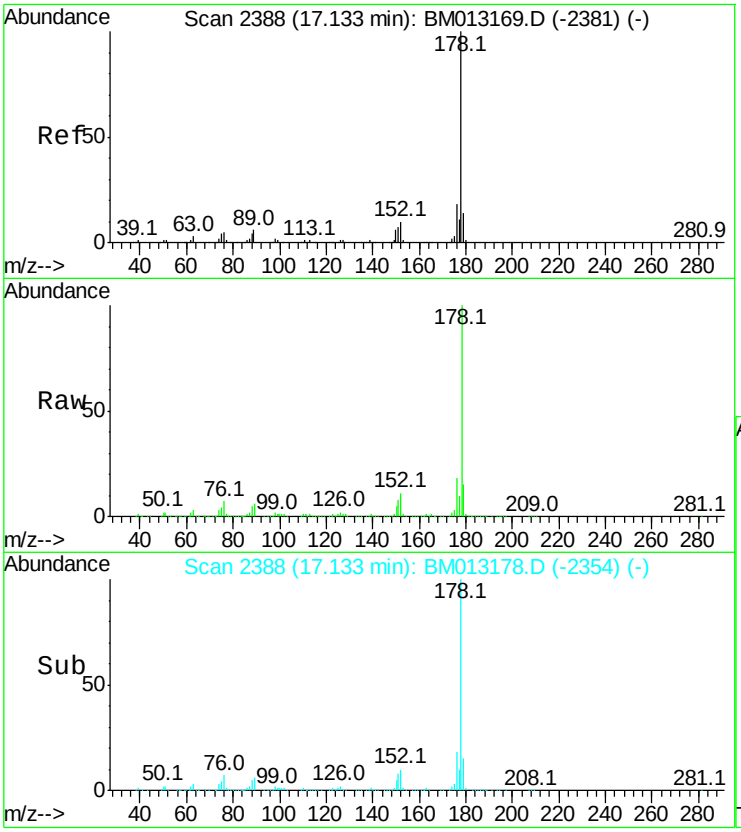


#58
Fluorene
Concen: 1.494 ng/ul
RT: 15.39 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

Tgt Ion:166 Resp: 90068

Ion	Ratio	Lower	Upper
166	100		
165	85.9	77.9	116.9
167	15.5	10.6	16.0



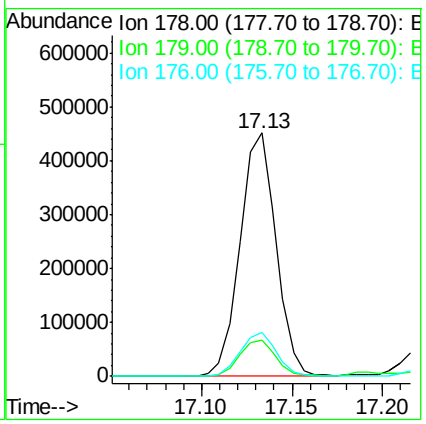


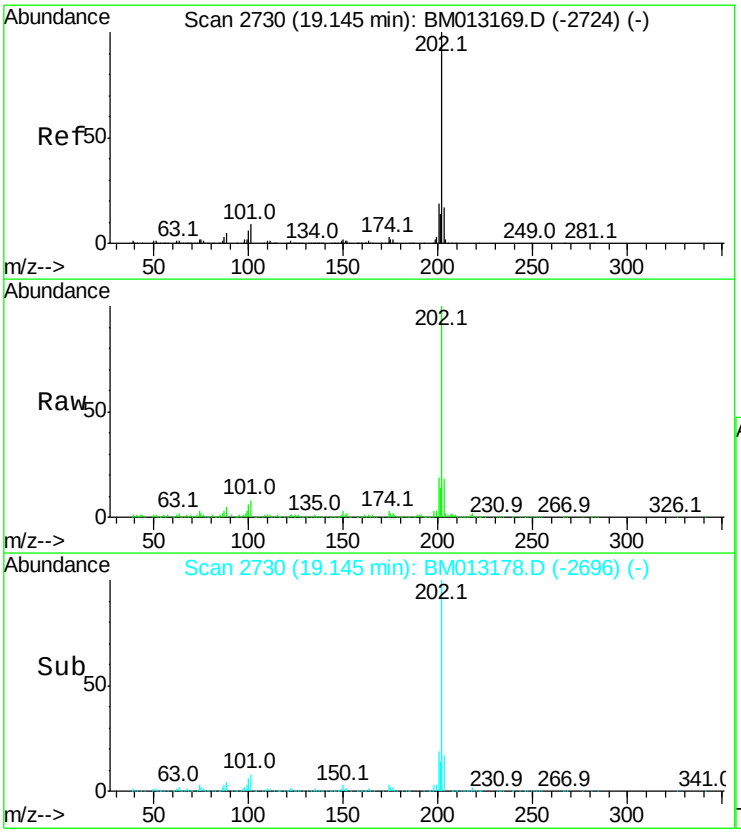
#69
Phenanthrene
Concen: 6.806 ng/ul
RT: 17.13 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

Instrument :
BNA_M
ClientSampleId :
C0244

Tgt Ion:178 Resp: 618032

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.2	14.9	22.3

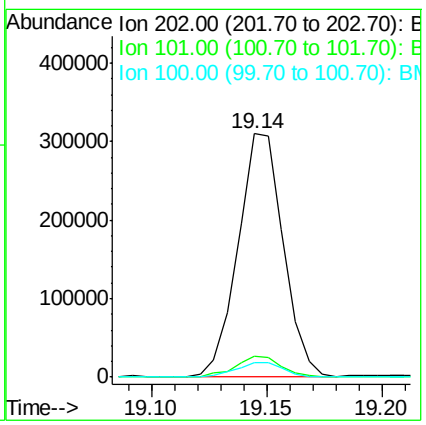


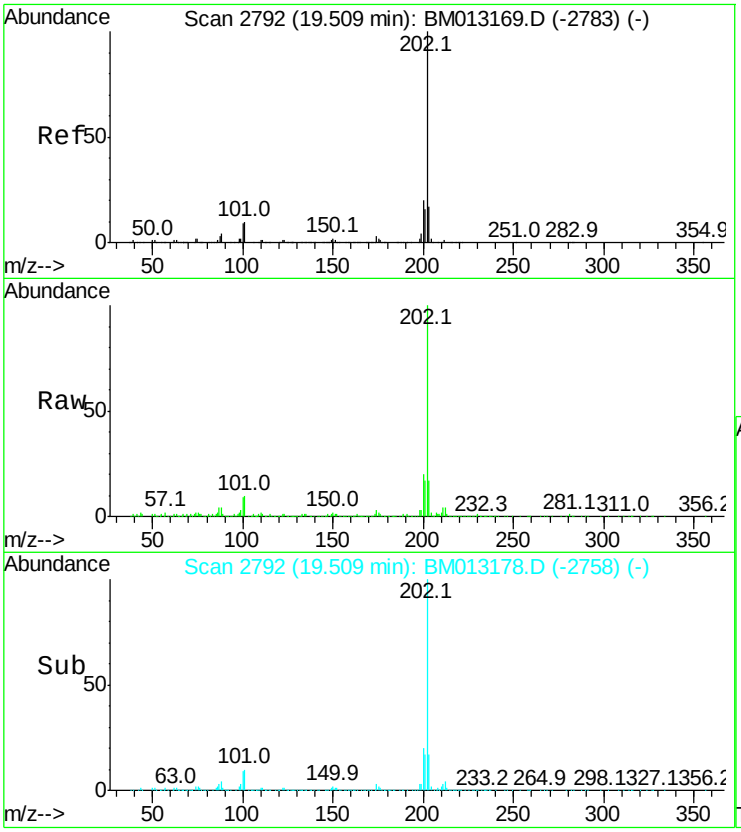


#74
Fluoranthene
Concen: 3.785 ng/ul
RT: 19.14 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

Tgt Ion:202 Resp: 421168

Ion	Ratio	Lower	Upper
202	100		
101	8.4	4.6	7.0#
100	6.1	3.4	5.2#



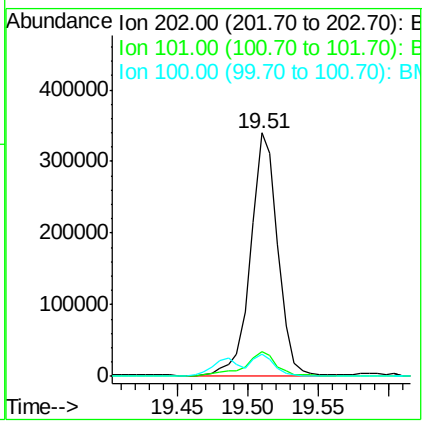


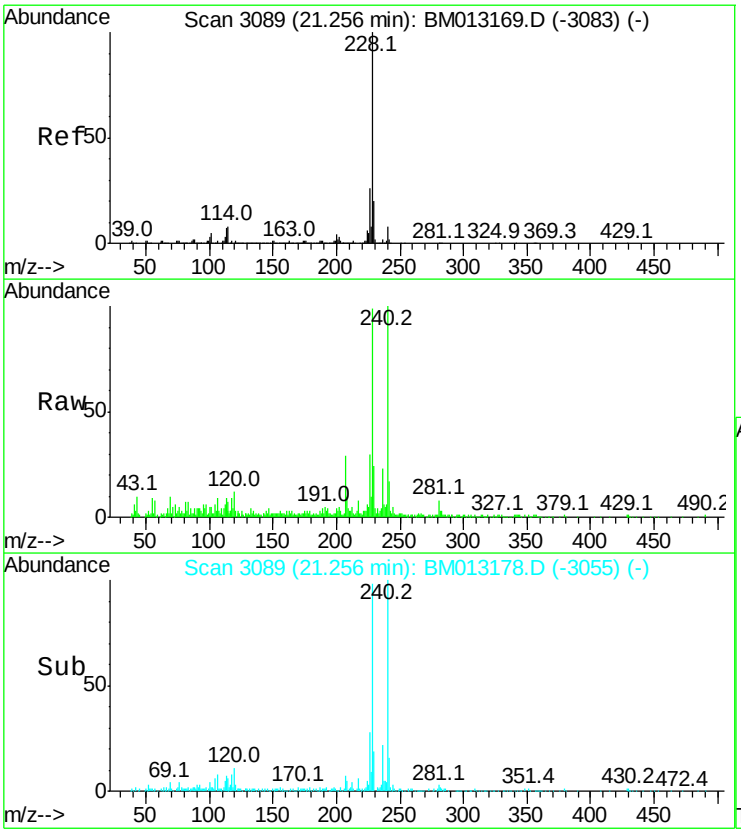
#77
Pyrene
Concen: 5.344 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

Instrument :
BNA_M
ClientSampleId :
C0244

Tgt Ion:202 Resp: 459309

Ion	Ratio	Lower	Upper
202	100		
101	10.3	5.1	7.7#
100	9.2	4.9	7.3#

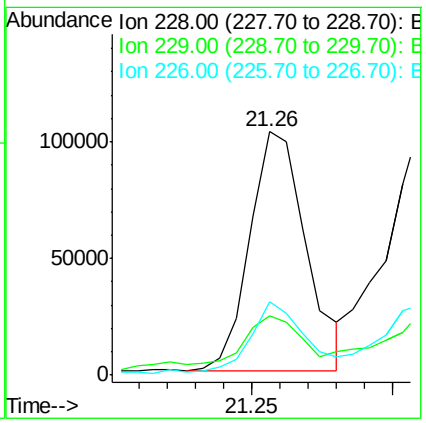


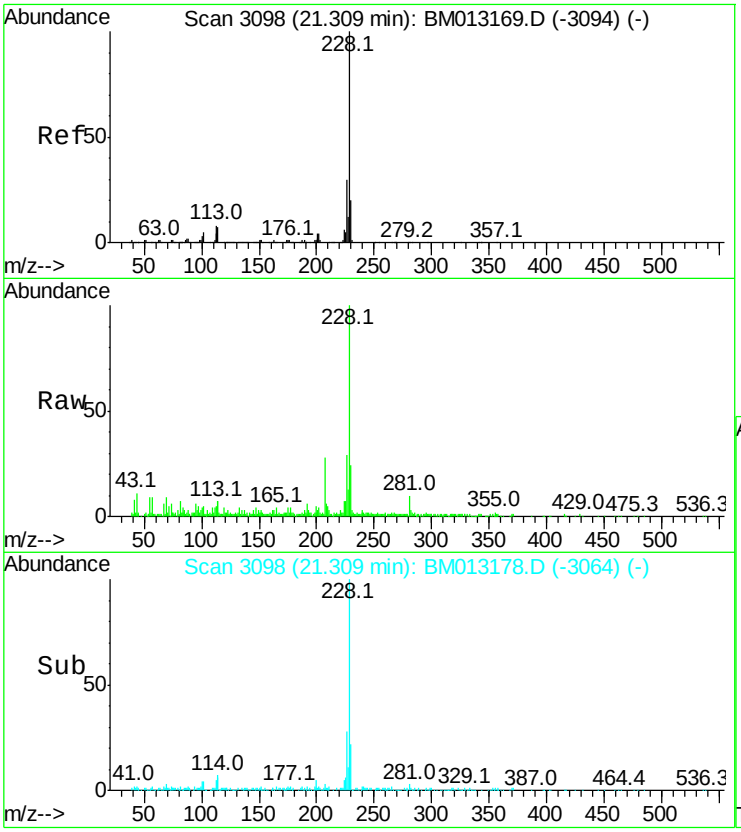


#80
Benzo(a)anthracene
Concen: 1.590 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

Tgt Ion:228 Resp: 142702

Ion	Ratio	Lower	Upper
228	100		
229	24.6	15.4	23.0#
226	30.3	21.4	32.0



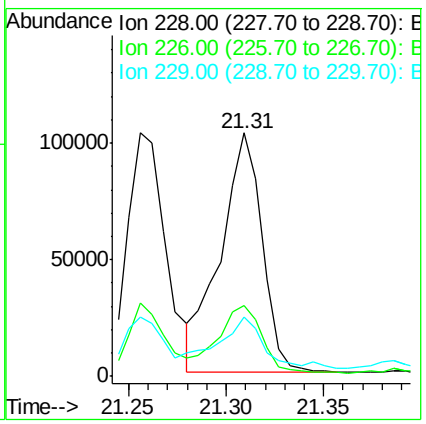


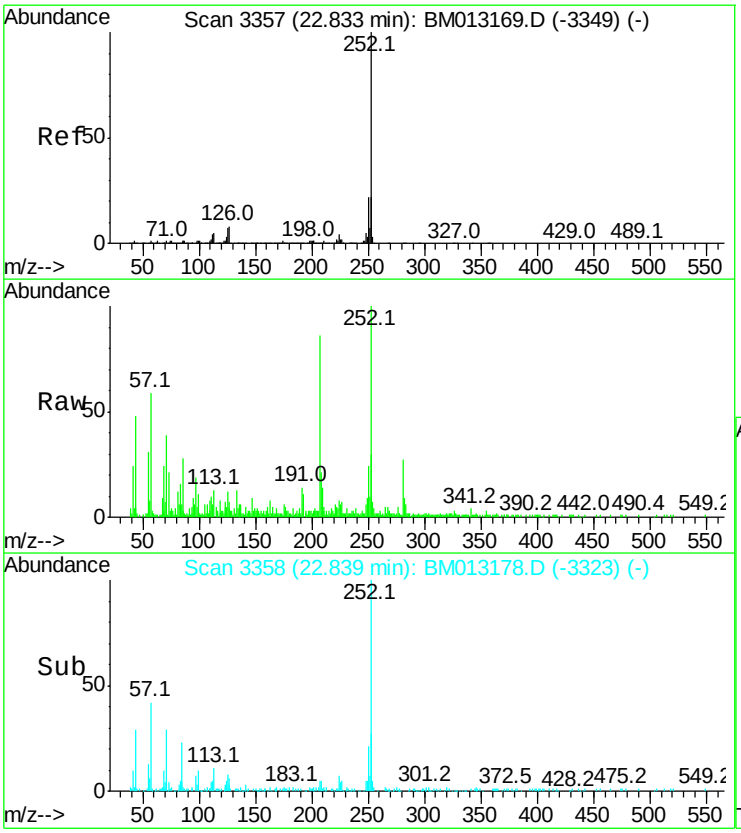
#82
Chrysene
Concen: 1.842 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

Instrument :
BNA_M
ClientSampleId :
C0244

Tgt Ion:228 Resp: 153342

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	24.4	15.5	23.3#

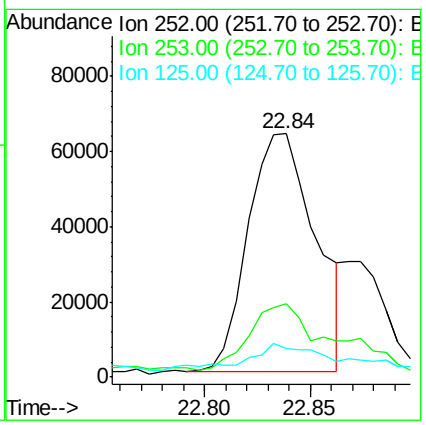


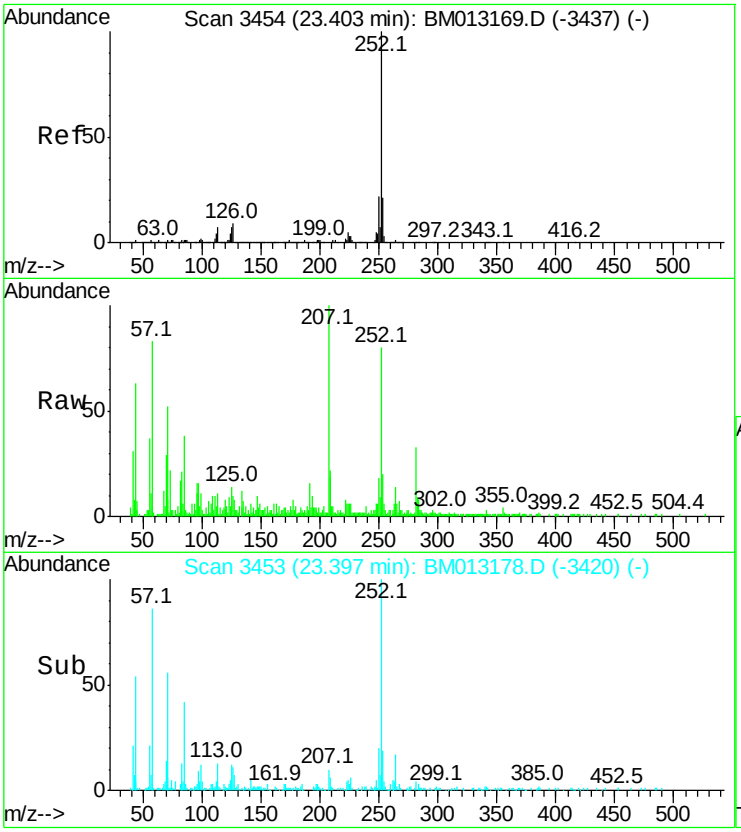


#85
Benzo(b)fluoranthene
Concen: 1.949 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

Tgt Ion:252 Resp: 140759

Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.9	26.9#
125	11.8	3.6	5.4#





#88
Benzo(a)pyrene
Concen: 1.363 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

Instrument :
BNA_M
ClientSampleId :
C0244

Tgt Ion:252 Resp: 88427

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.2
125	17.7	4.0	6.0#