Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012202.D
Acq On : 15 Oct 2017 10:58
Operator : SJ/JU
Sample : I5548-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

Quant Time: Oct 16 02:01:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	162972	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	709374	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	443437	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	955556	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	743865	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	728819	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	11876	3.46	ng/uL	0.00
5) Phenol-d5	6.98	99	280098	21.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	157215	19.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	254076	22.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	235370	20.67	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	125162	23.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	147553	23.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	298983	24.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	145491	12.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	988479	25.22	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1200071	25.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	99549	16.90	ng/ul	0.00
57) Fluorene-d10	15.46	176	851859	26.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	45969	7.01	ng/ul	0.00
70) Anthracene-d10	17.31	188	1240549	26.26	ng/ul	0.00
76) Pyrene-d10	19.60	212	1161121	30.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	924989	26.33	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.01	94	33415	2.445	ng/ul	92
44) Dimethylphthalate	13.92	163	364983	9.295	ng/ul	99
47) Acenaphthylene	14.19	152	48071	1.032	ng/ul#	93
49) Acenaphthene	14.53	153	50888	1.622	ng/ul	94
58) Fluorene	15.52	166	65225	1.738	ng/ul	93
69) Phenanthrene	17.25	178	1112085	20.458	ng/ul	99
71) Anthracene	17.34	178	217084	3.857	ng/ul	98
72) Carbazole	17.62	167	83921	1.762	ng/ul	95
74) Fluoranthene	19.27	202	1473453	22.461	ng/ul#	95
77) Pyrene	19.63	202	1281969	26.096	ng/ul#	95
80) Benzo(a)anthracene	21.37	228	615096	12.708	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.37	149	65535	1.997	ng/ul	98
82) Chrysene	21.43	228	606109	13.338	ng/ul	95
85) Benzo(b)fluoranthene	23.01	252	846390	17.796	ng/ul#	95
86) Benzo(k)fluoranthene	23.01	252	846390	18.466	ng/ul#	93
88) Benzo(a)pyrene	23.60	252	547832	12.221	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.07	276	388009	8.151	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.07	278	113690	2.841	ng/ul#	66
91) Benzo(g,h,i)perylene	26.80	276	367514	9.426	ng/ul#	89

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012202.D
Acq On : 15 Oct 2017 10:58
Operator : SJ/JU
Sample : I5548-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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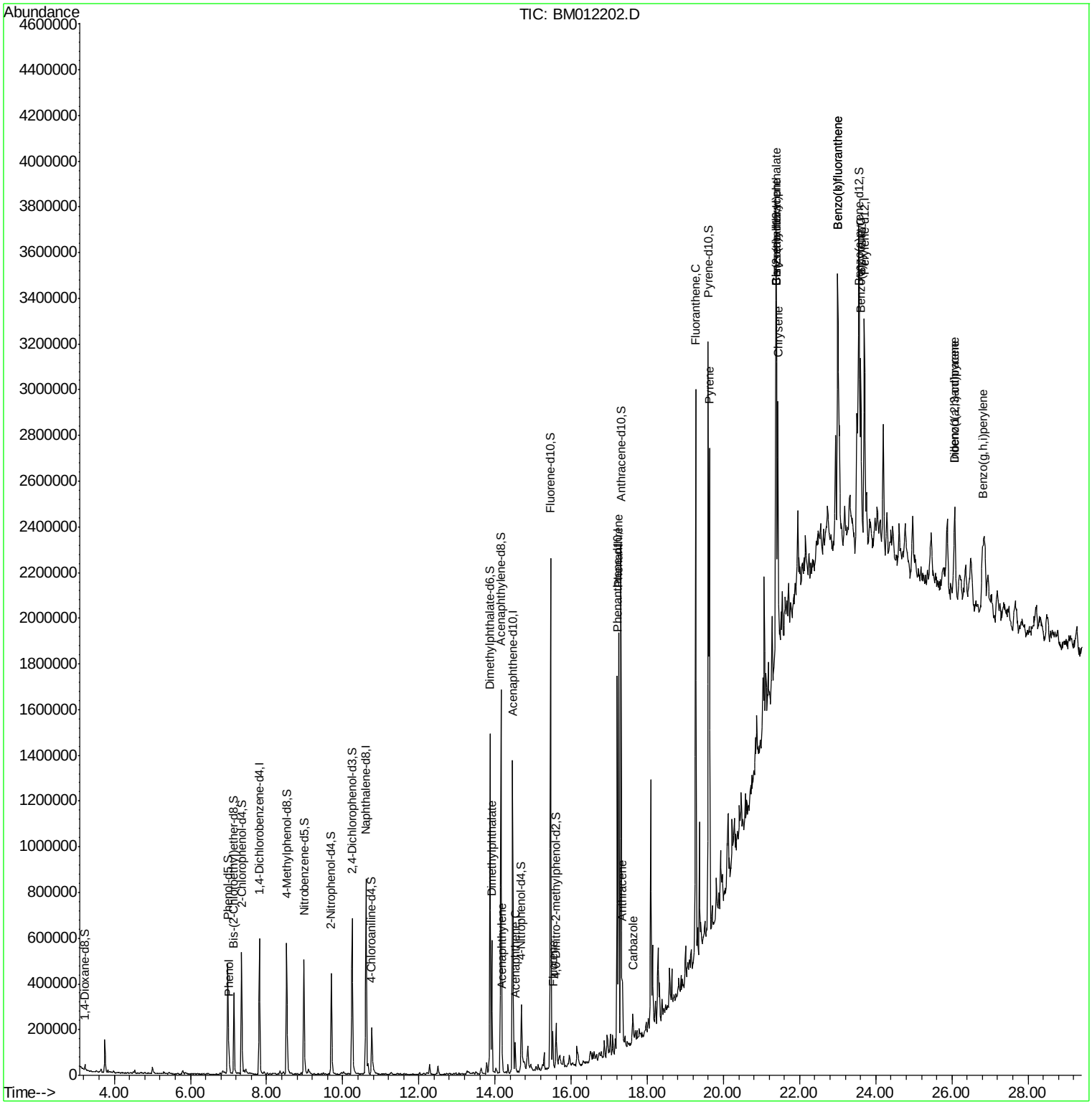
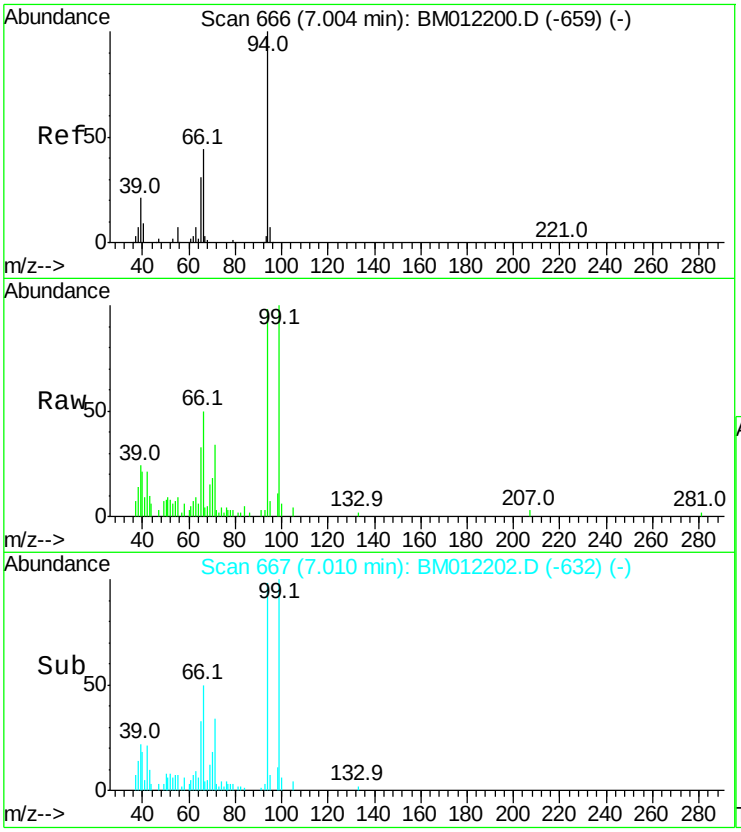
Quant Time: Oct 16 02:01:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration



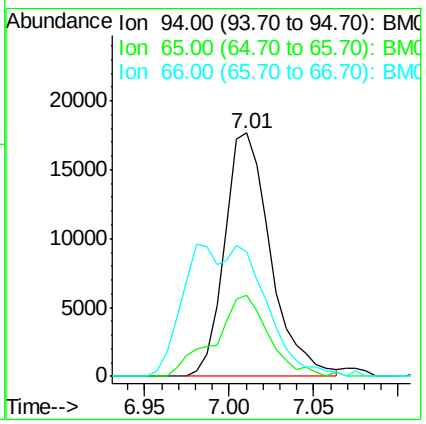


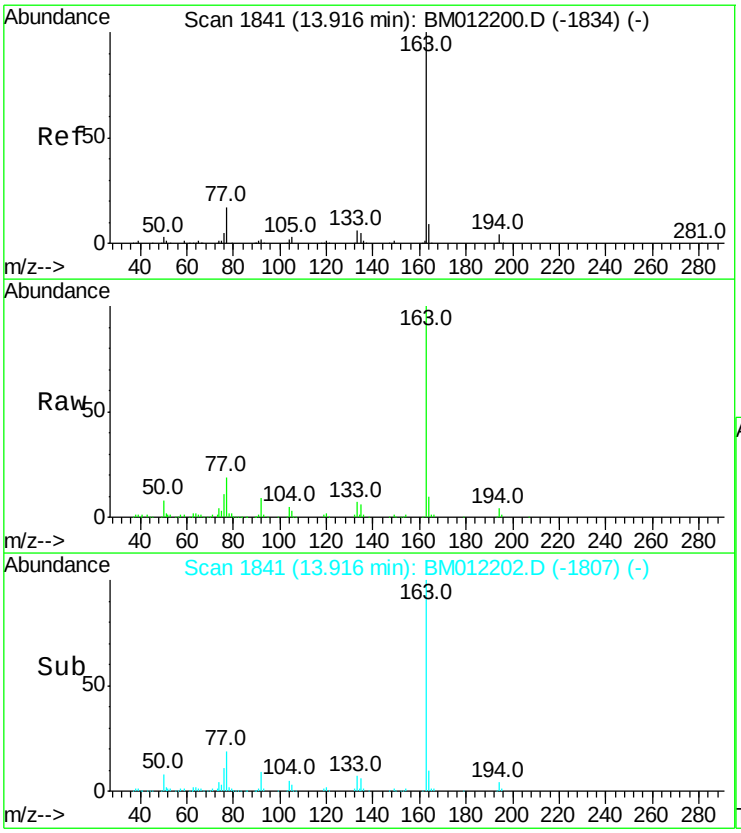
#6
Phenol
Concen: 2.445 ng/ul
RT: 7.01 min Scan# 667
Delta R.T. 0.01 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tgt Ion: 94 Resp: 33415

Ion	Ratio	Lower	Upper
94	100		
65	33.5	28.2	42.4
66	51.3	47.2	70.8

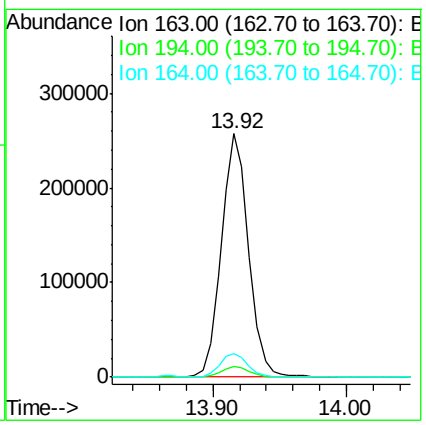


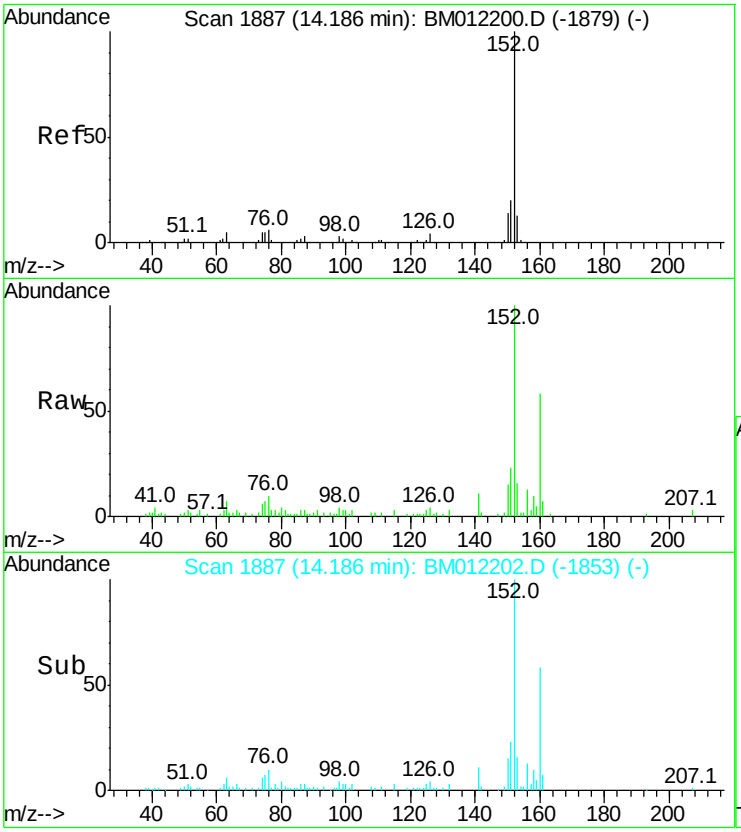


#44
Dimethylphthalate
Concen: 9.295 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Tgt Ion:163 Resp: 364983

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.5	8.2	12.4



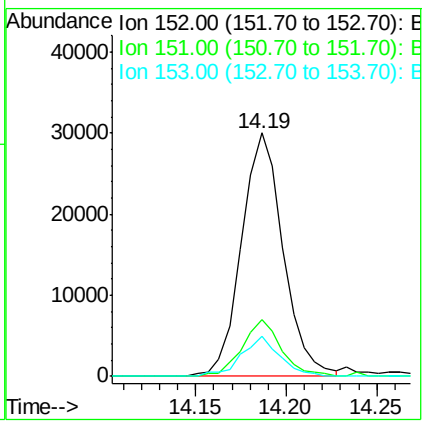


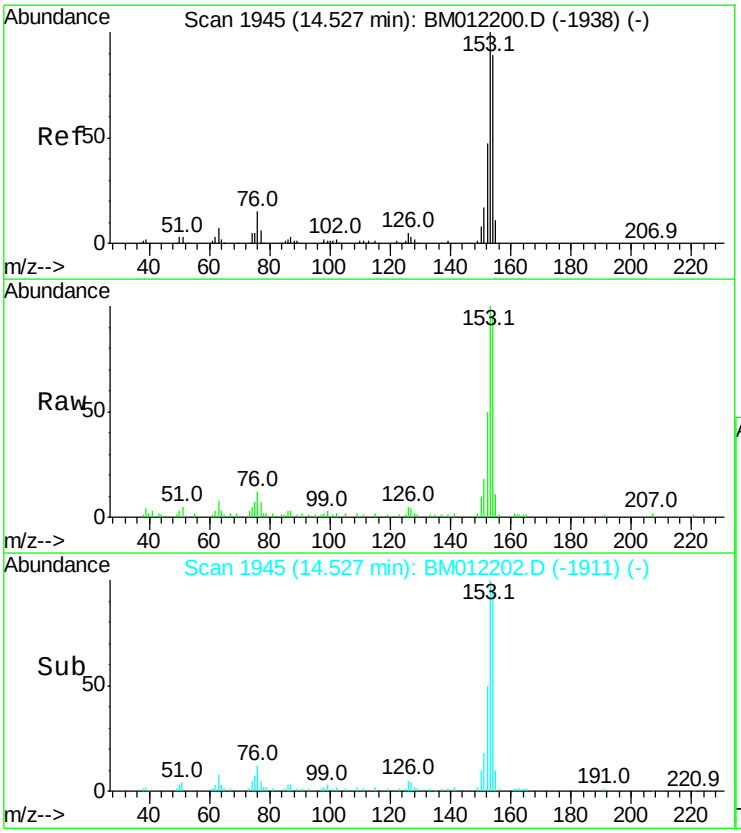
#47
Acenaphthylene
Concen: 1.032 ng/ul
RT: 14.19 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tgt Ion:152 Resp: 48071

Ion	Ratio	Lower	Upper
152	100		
151	23.2	16.3	24.5
153	16.3	10.2	15.4#

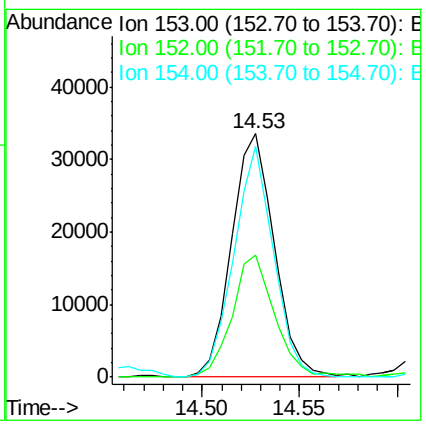


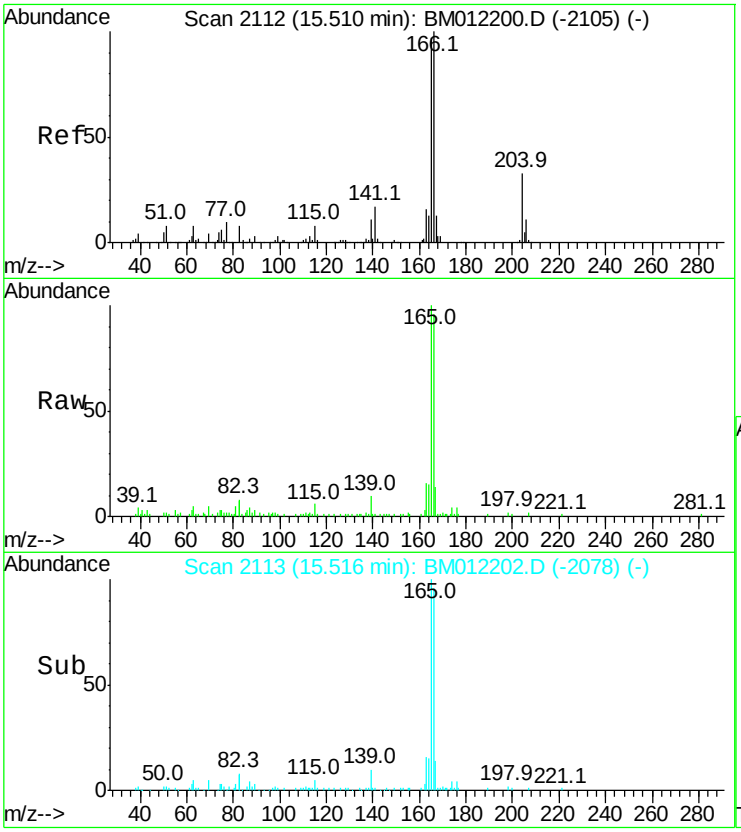


#49
Acenaphthene
Concen: 1.622 ng/ul
RT: 14.53 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Tgt Ion:153 Resp: 50888

Ion	Ratio	Lower	Upper
153	100		
152	50.4	37.6	56.4
154	94.8	70.4	105.6



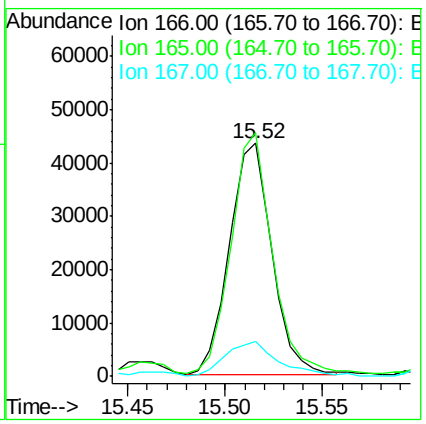


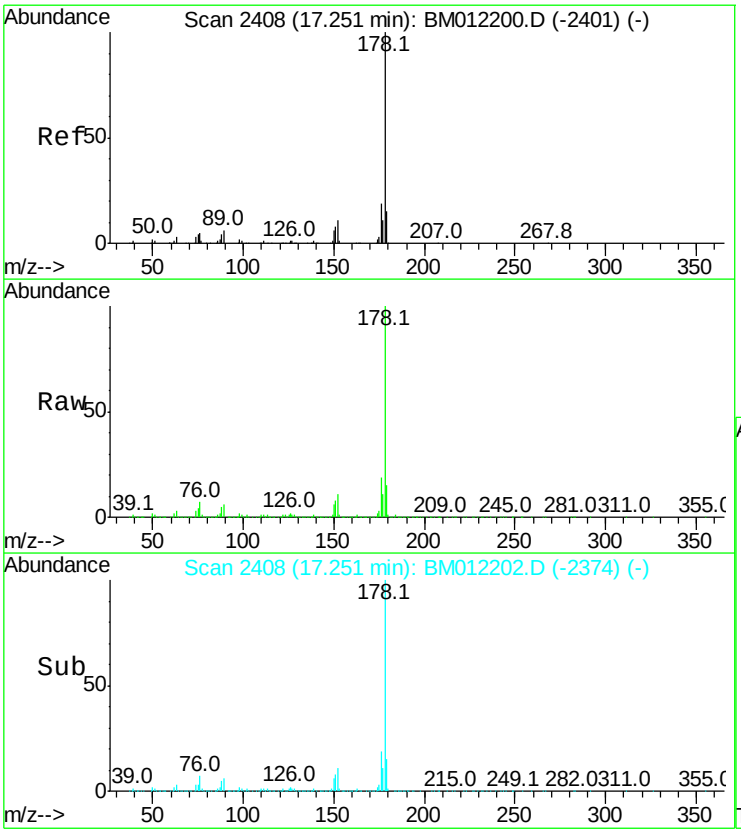
#58
Fluorene
Concen: 1.738 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tgt Ion:166 Resp: 65225

Ion	Ratio	Lower	Upper
166	100		
165	104.4	77.9	116.9
167	15.0	10.6	16.0

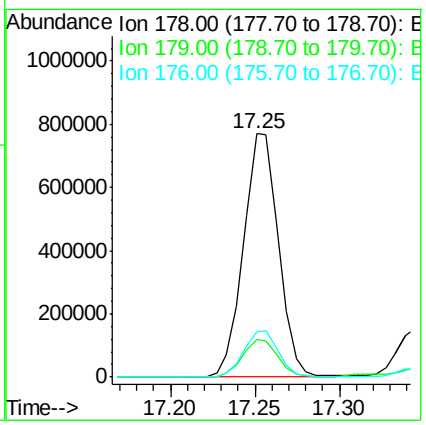


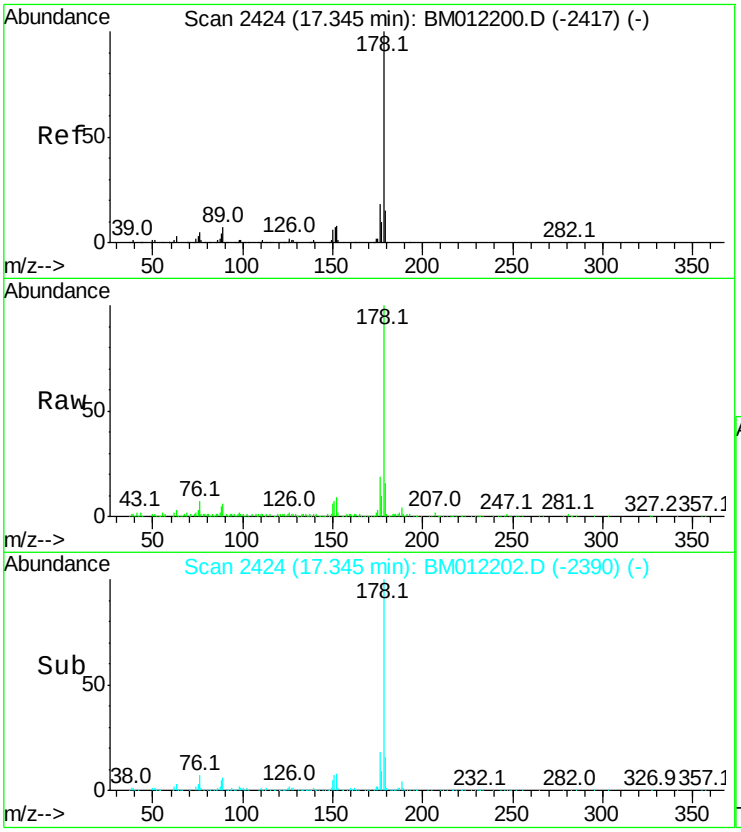


#69
Phenanthrene
Concen: 20.458 ng/ul
RT: 17.25 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Tgt Ion:178 Resp: 1112085

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.7	14.9	22.3



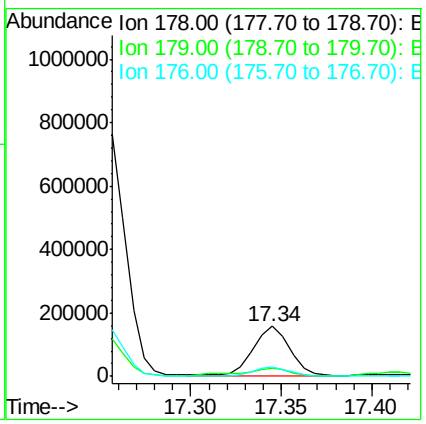


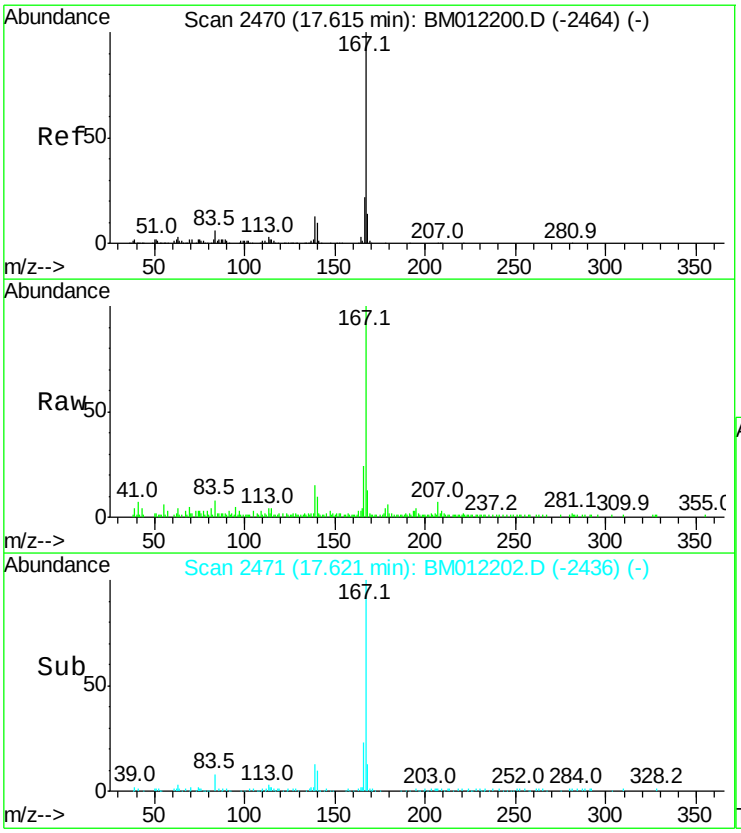
#71
Anthracene
Concen: 3.857 ng/ul
RT: 17.34 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tgt Ion:178 Resp: 217084

Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.7	17.5
176	18.7	14.6	21.8

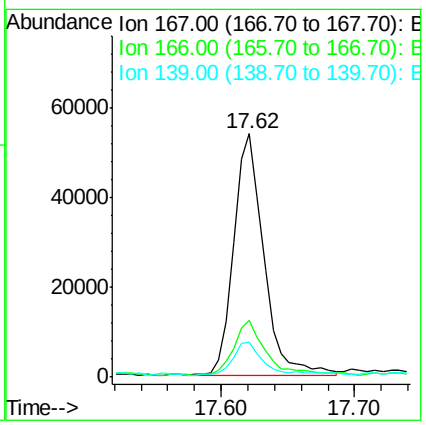


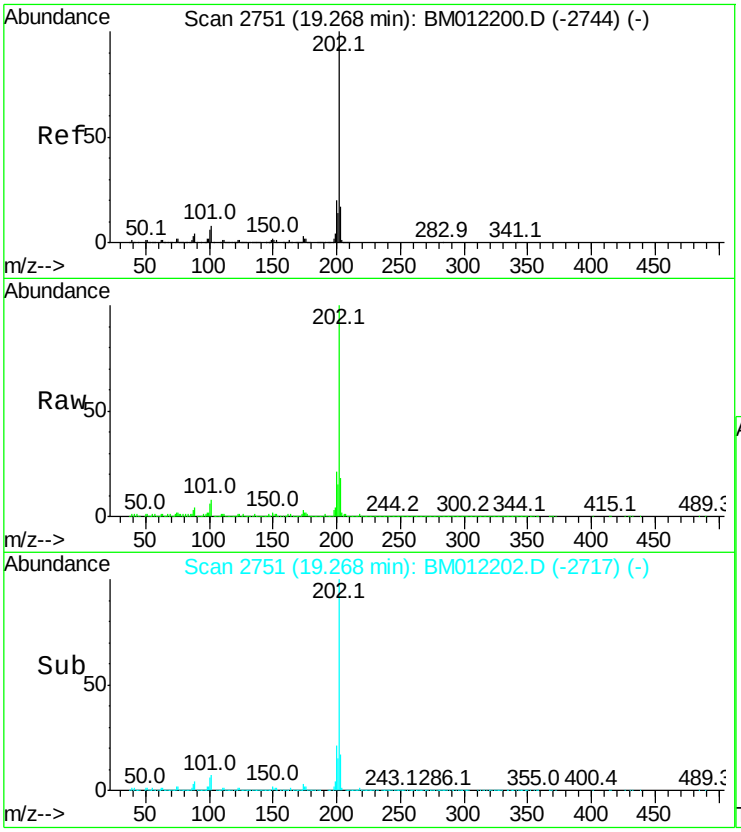


#72
Carbazole
Concen: 1.762 ng/ul
RT: 17.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Tgt Ion:167 Resp: 83921

Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.1	25.7
139	14.5	10.0	15.0



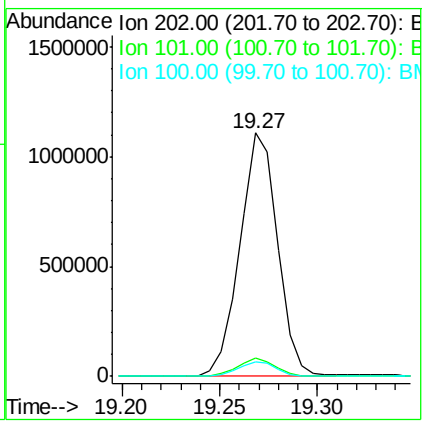


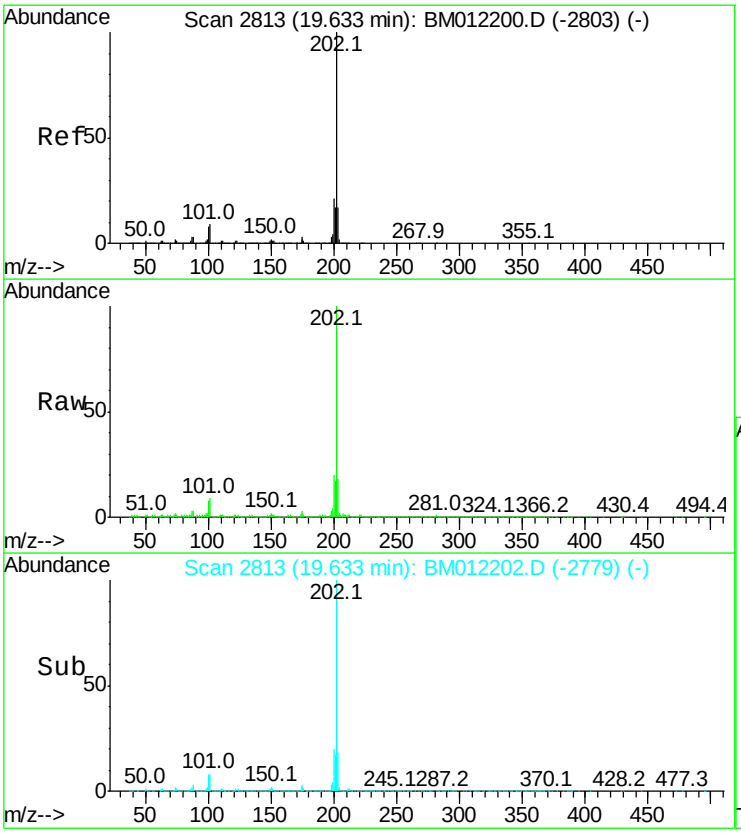
#74
Fluoranthene
Concen: 22.461 ng/ul
RT: 19.27 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tgt Ion:202 Resp: 1473453

Ion	Ratio	Lower	Upper
202	100		
101	7.6	4.6	7.0#
100	5.7	3.4	5.2#

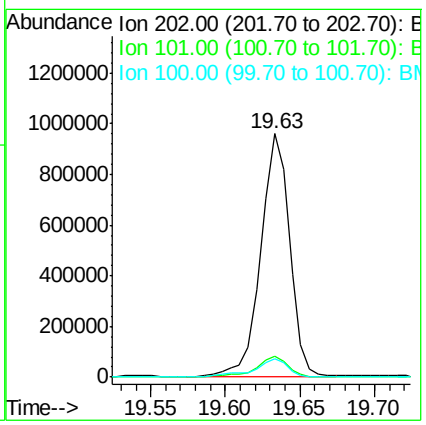


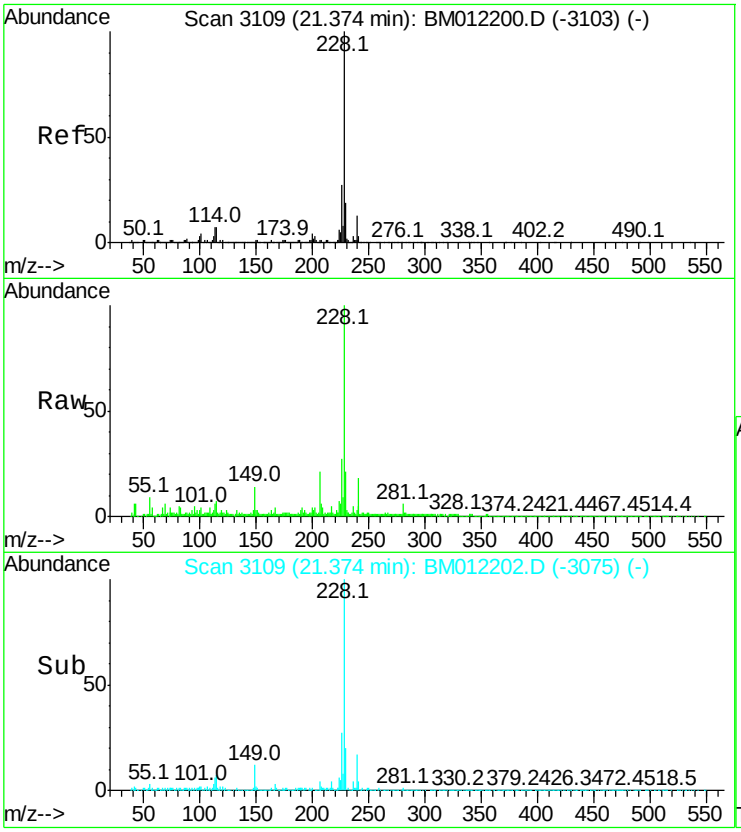


#77
Pyrene
Concen: 26.096 ng/ul
RT: 19.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Tgt Ion:202 Resp: 1281969

Ion	Ratio	Lower	Upper
202	100		
101	8.6	5.1	7.7#
100	7.5	4.9	7.3#



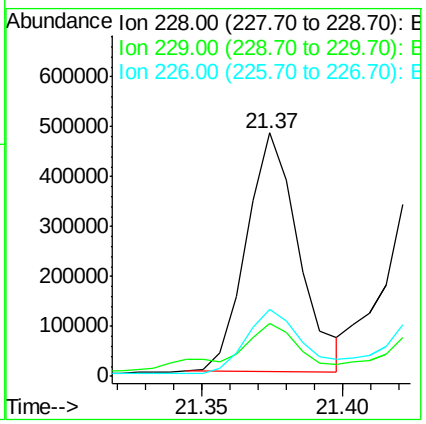


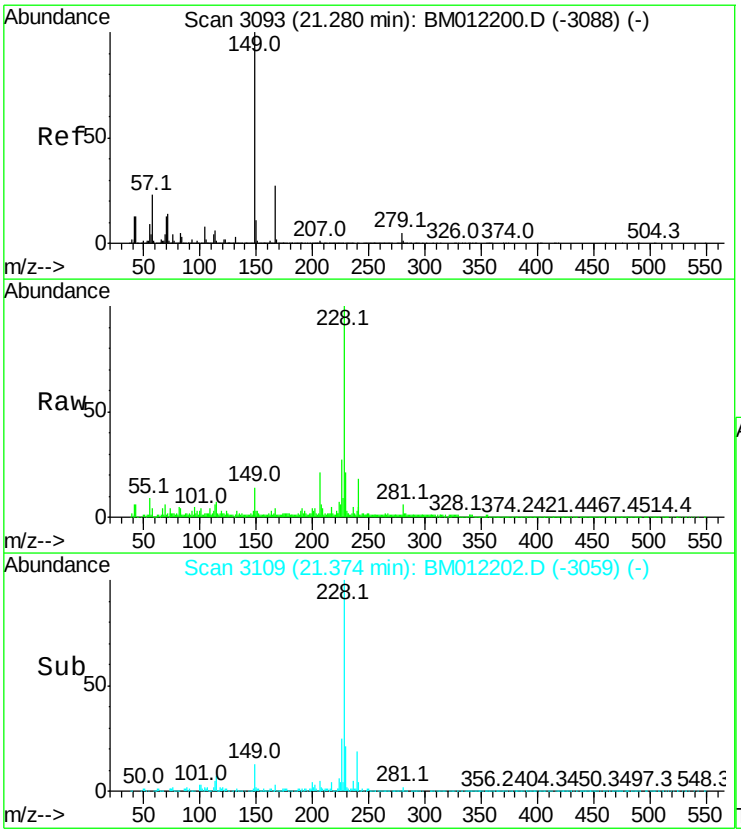
#80
Benzo(a)anthracene
Concen: 12.708 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tgt Ion:228 Resp: 615096

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.4	23.0
226	27.5	21.4	32.0

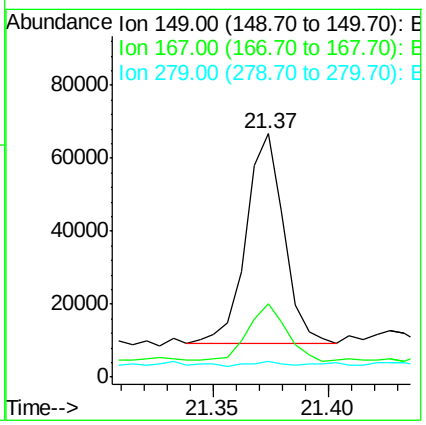


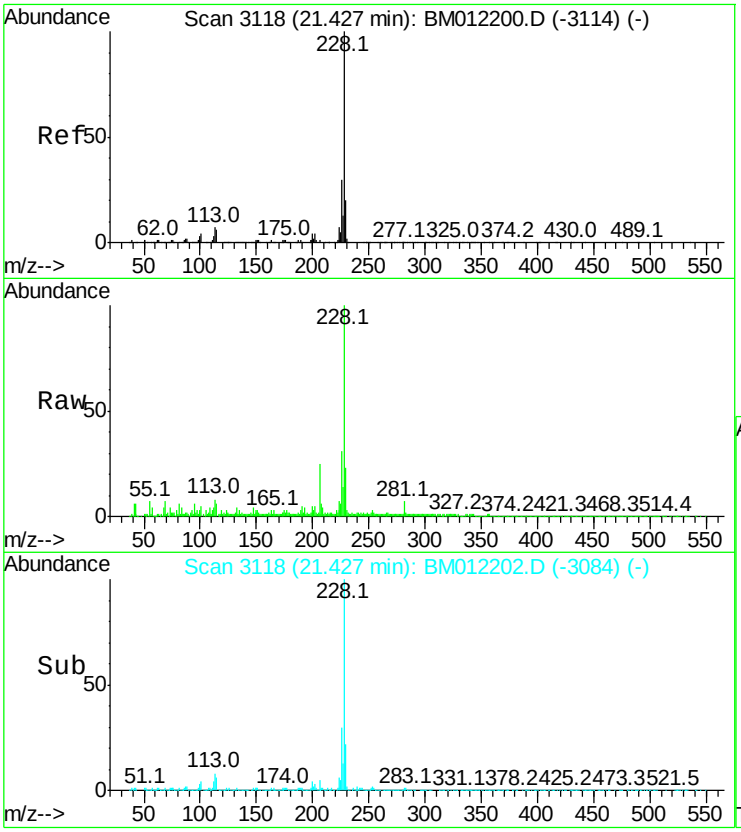


#81
Bis(2-ethylhexyl)phthalate
Concen: 1.997 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. 0.09 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Tgt Ion:149 Resp: 65535

Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.8	34.2
279	6.6	4.9	7.3



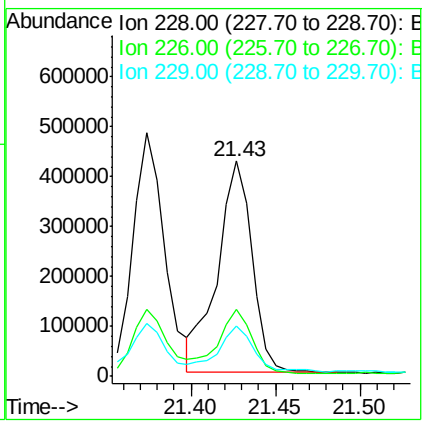


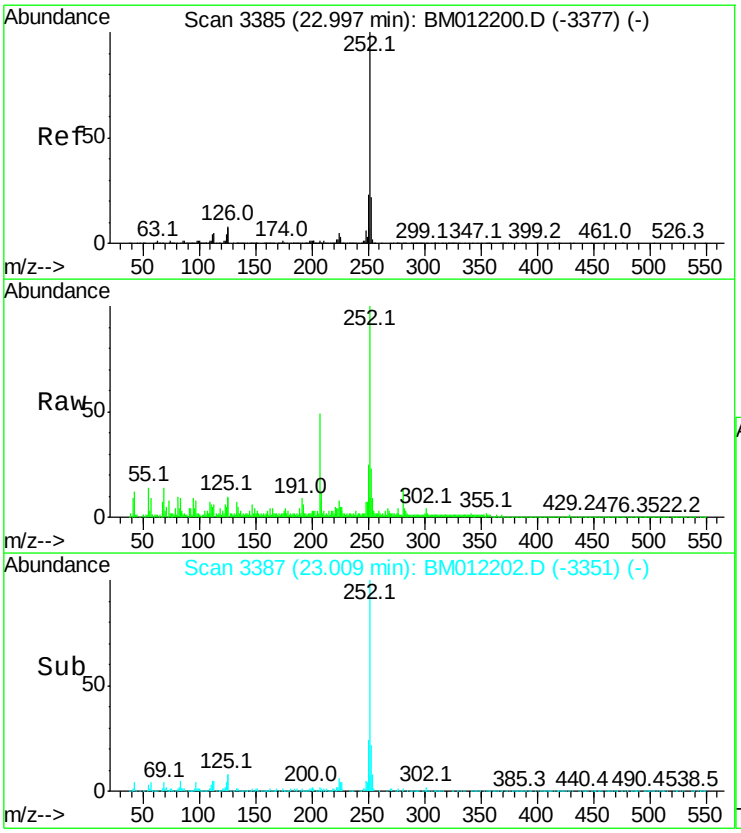
#82
Chrysene
Concen: 13.338 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tgt Ion:228 Resp: 606109

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	23.2	15.5	23.3

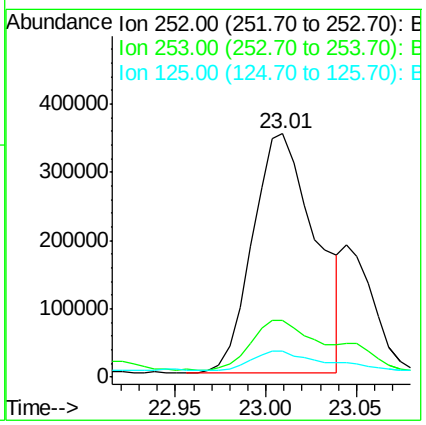


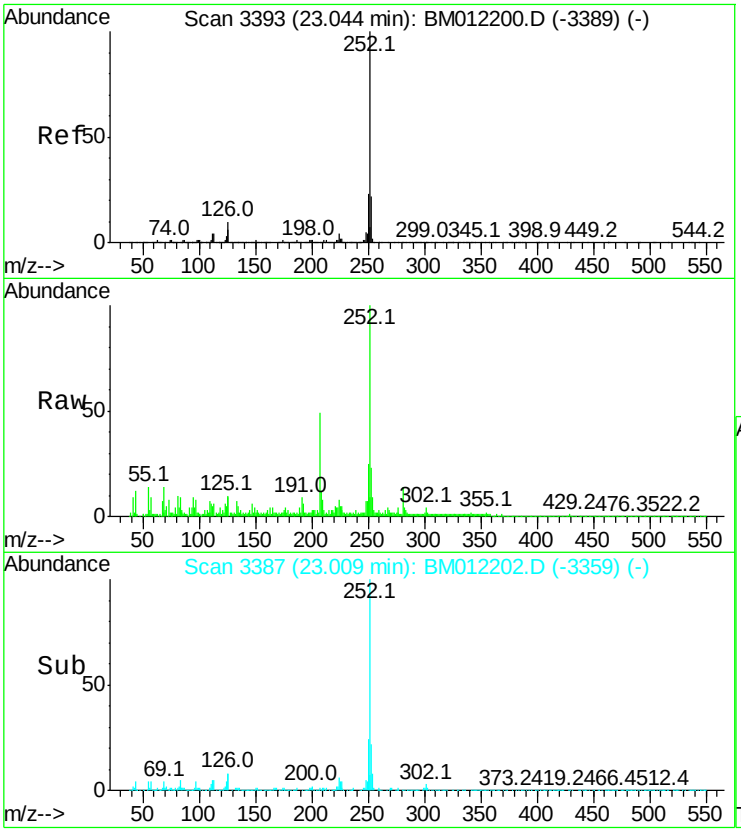


#85
Benzo(b)fluoranthene
Concen: 17.796 ng/ul
RT: 23.01 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Tgt Ion:252 Resp: 846390

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	10.4	3.6	5.4#



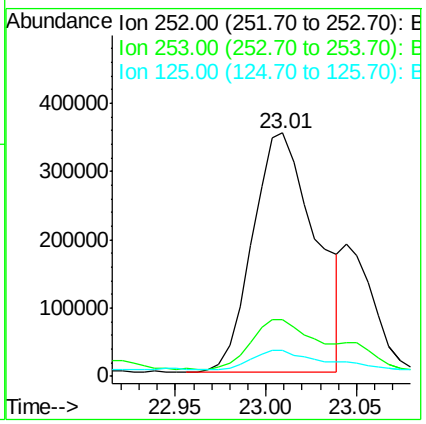


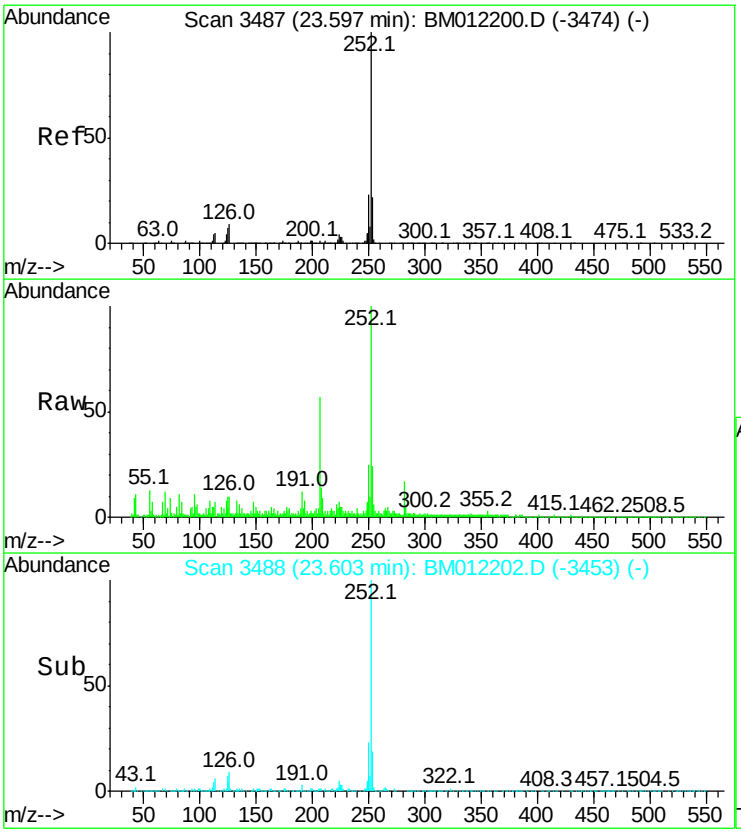
#86
Benzo(k)fluoranthene
Concen: 18.466 ng/ul
RT: 23.01 min Scan# 3387
Delta R.T. -0.04 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tgt Ion:252 Resp: 846390

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	10.4	3.4	5.2#

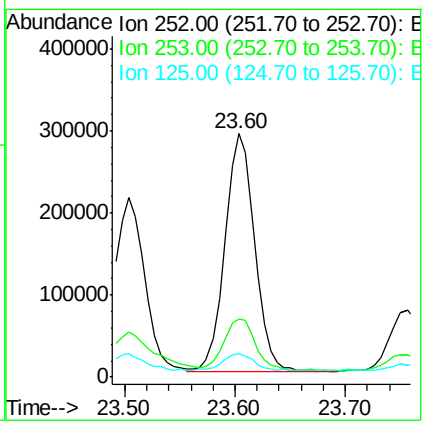


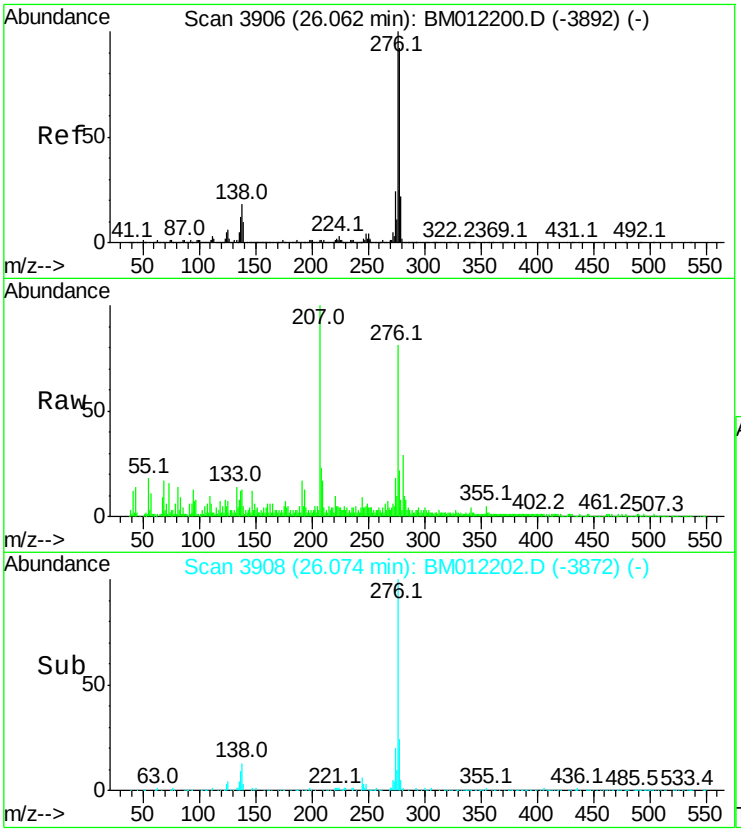


#88
Benzo(a)pyrene
Concen: 12.221 ng/ul
RT: 23.60 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Tgt Ion:252 Resp: 547832

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	9.5	4.0	6.0#



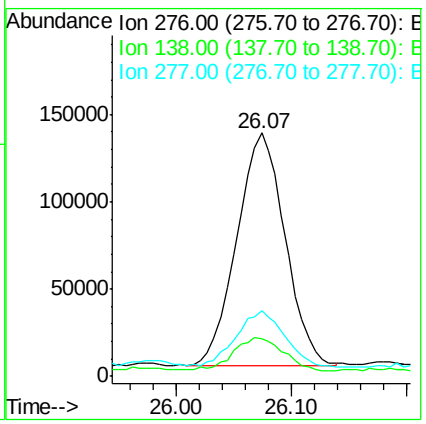


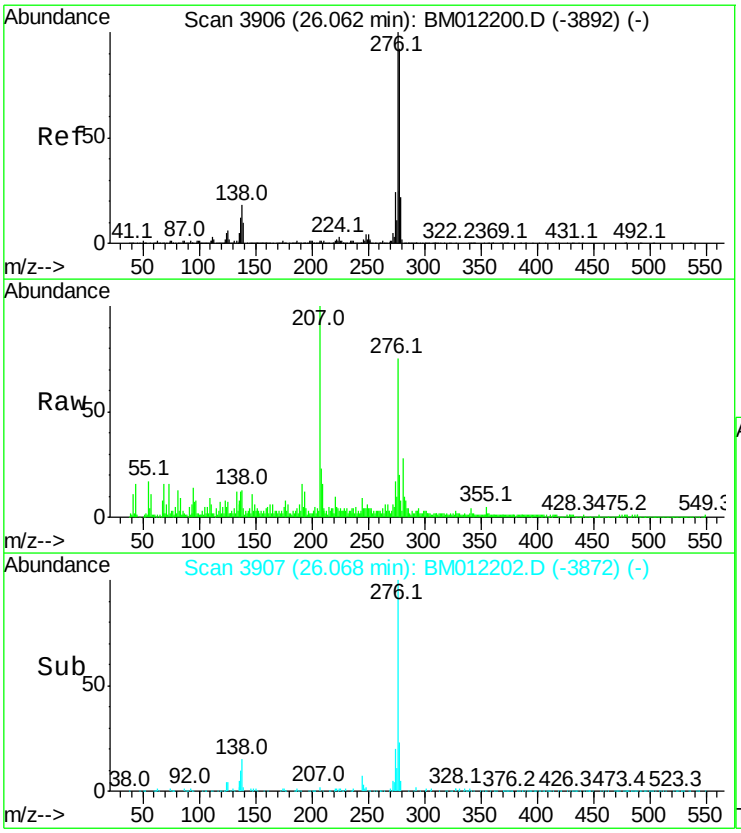
#89
Indeno(1,2,3-cd)pyrene
Concen: 8.151 ng/ul
RT: 26.07 min Scan# 3908
Delta R.T. 0.01 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tgt Ion:276 Resp: 388009

Ion	Ratio	Lower	Upper
276	100		
138	15.5	9.3	13.9#
277	27.0	19.9	29.9

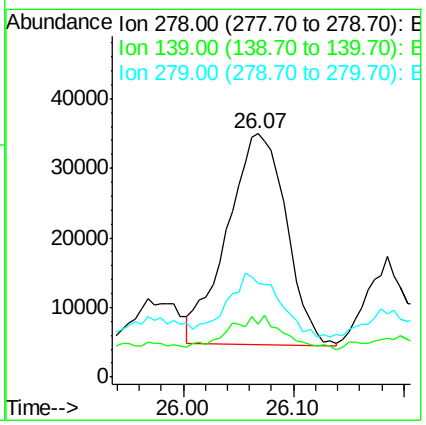


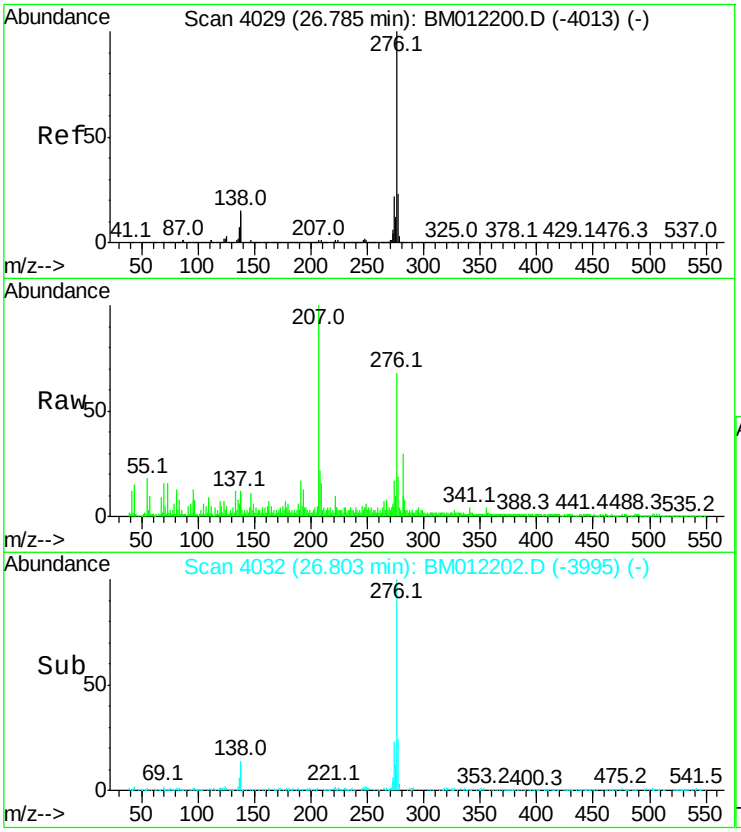


#90
Dibenzo(a,h)anthracene
Concen: 2.841 ng/ul
RT: 26.07 min Scan# 3907
Delta R.T. 0.01 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Tgt Ion:278 Resp: 113690

Ion	Ratio	Lower	Upper
278	100		
139	22.0	5.8	8.8#
279	38.7	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 9.426 ng/ul
RT: 26.80 min Scan# 4032
Delta R.T. 0.02 min
Lab File: BM012202.D
Acq: 15 Oct 2017 10:58

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tgt Ion:276 Resp: 367514

Ion	Ratio	Lower	Upper
276	100		
138	16.5	8.5	12.7#
277	27.6	18.6	28.0