Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012207.D
Acq On : 15 Oct 2017 14:00
Operator : SJ/JU
Sample : I5522-22RE
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD0

Quant Time: Oct 16 02:03:21 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	7.82	152	219854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	899172	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	500482	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	929962	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	847562	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	935657	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	23981	5.18	ng/uL	0.00
5) Phenol-d5	6.99	99	446436	25.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	263072	24.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	422596	27.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	359553	23.41	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	201176	29.32	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	235531	29.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	462651	30.22	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	304401	21.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1388694	31.39	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1669587	31.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	100916	15.17	ng/ul	0.01
57) Fluorene-d10	15.46	176	1093297	30.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	67510	10.58	ng/ul	0.02
70) Anthracene-d10	17.32	188	1383602	30.09	ng/ul	0.00
76) Pyrene-d10	19.61	212	1358360	31.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1405848	31.17	ng/ul	0.02
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.28	142	41465	1.181	ng/ul	99
44) Dimethylphthalate	13.92	163	390471	8.811	ng/ul	99
49) Acenaphthene	14.53	153	36843	1.040	ng/ul	94
69) Phenanthrene	17.26	178	785221	14.843	ng/ul	100
71) Anthracene	17.35	178	114375	2.088	ng/ul	98
72) Carbazole	17.63	167	60222	1.299	ng/ul	97
73) Di-n-butylphthalate	18.17	149	250418	3.891	ng/ul#	97
74) Fluoranthene	19.27	202	1128143	17.670	ng/ul#	95
77) Pyrene	19.64	202	971882	17.363	ng/ul#	95
80) Benzo(a)anthracene	21.38	228	562738	10.204	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.29	149	37749	1.010	ng/ul#	98
82) Chrysene	21.43	228	564666	10.905	ng/ul	96
85) Benzo(b)fluoranthene	23.01	252	852564	13.963	ng/ul#	96
86) Benzo(k)fluoranthene	23.01	252	852564	14.489	ng/ul#	94
88) Benzo(a)pyrene	23.61	252	558721	9.709	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	406645	6.654	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.09	278	116068	2.259	ng/ul#	79
91) Benzo(g,h,i)perylene	26.82	276	336597	6.725	ng/ul#	93

(#) = 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 : BM012207.D
Acq On : 15 Oct 2017 14:00
Operator : SJ/JU
Sample : I5522-22RE
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Time: Oct 16 02:03:21 2017
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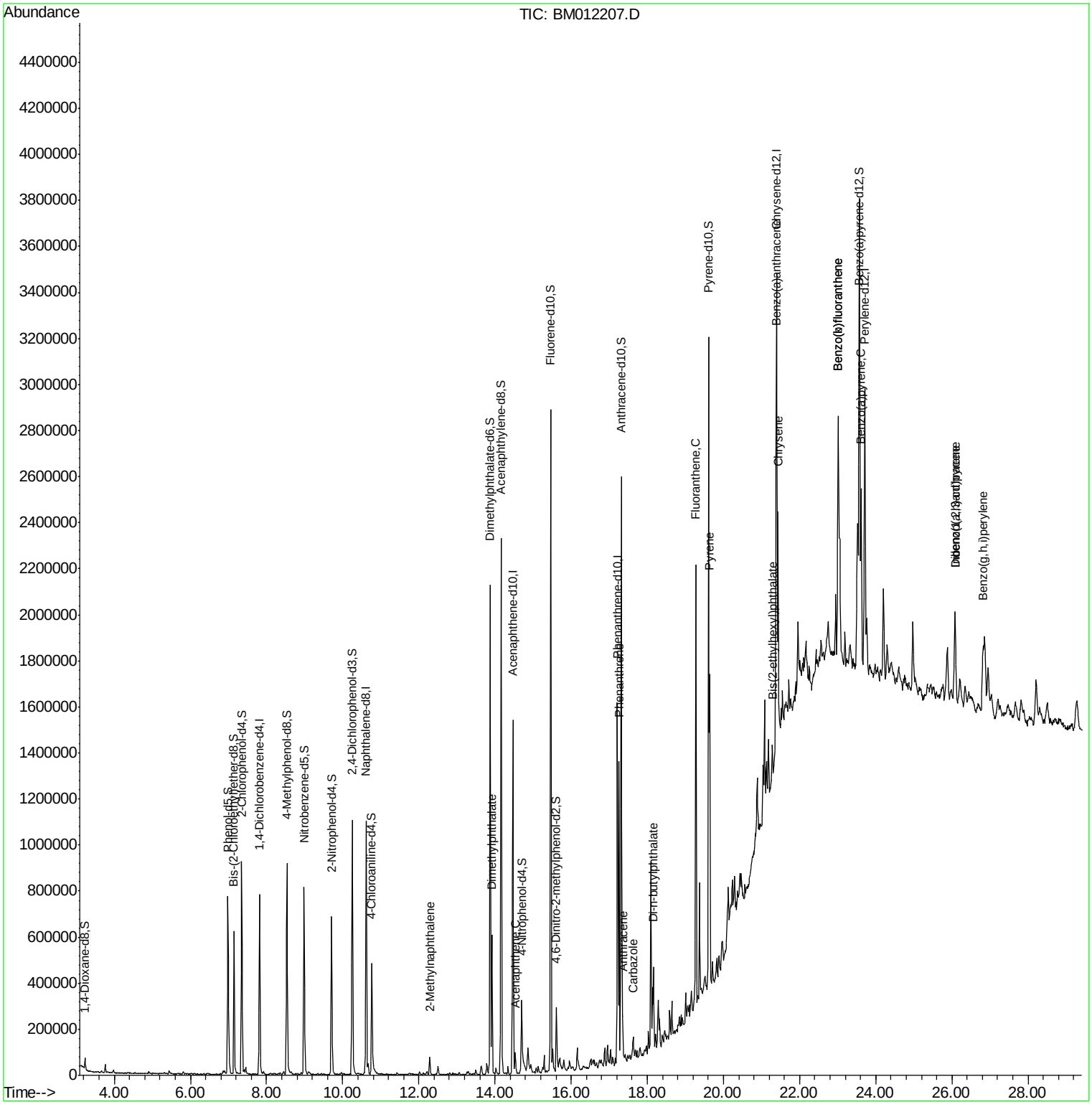
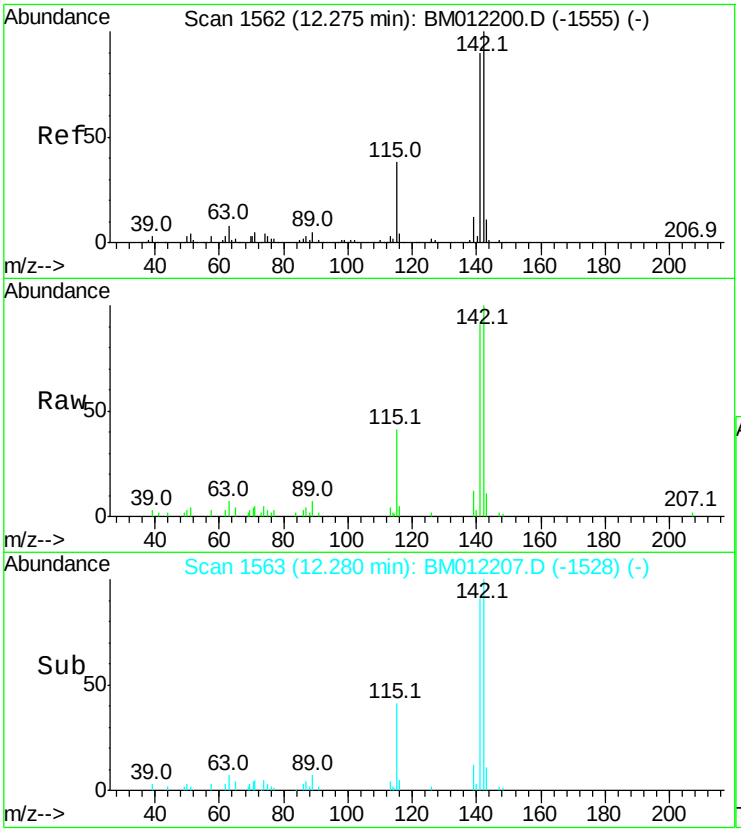
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration



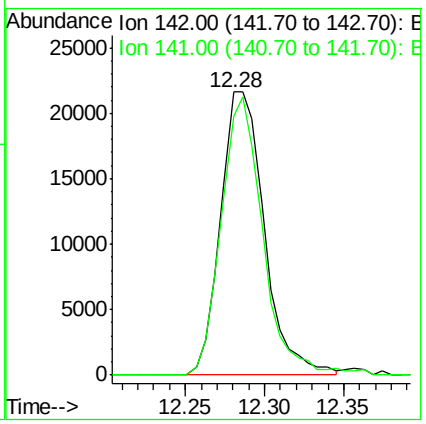


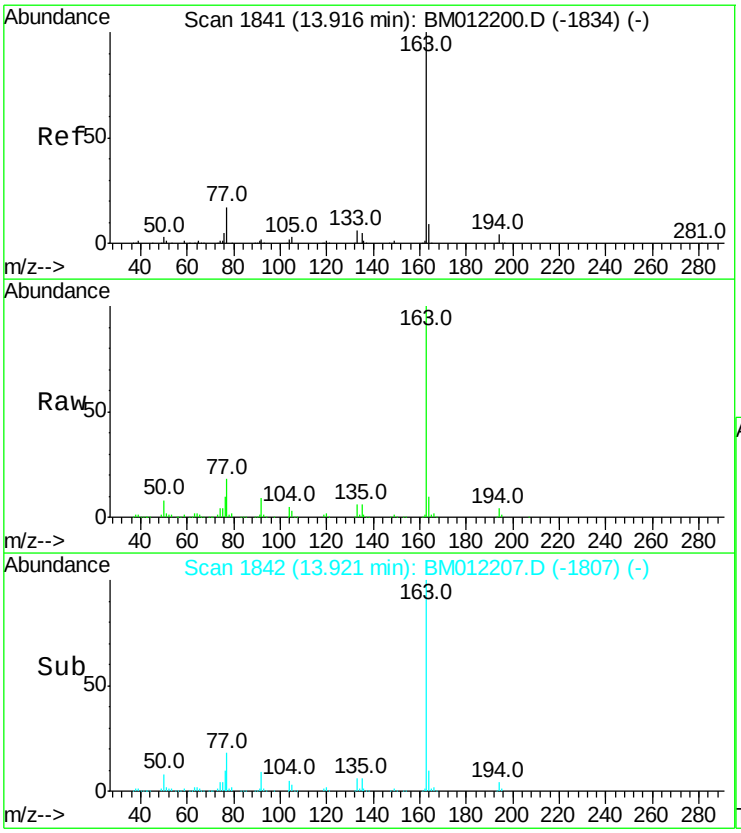
#34
2-Methylnaphthalene
Concen: 1.181 ng/ul
RT: 12.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:142 Resp: 41465

Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.1	111.1

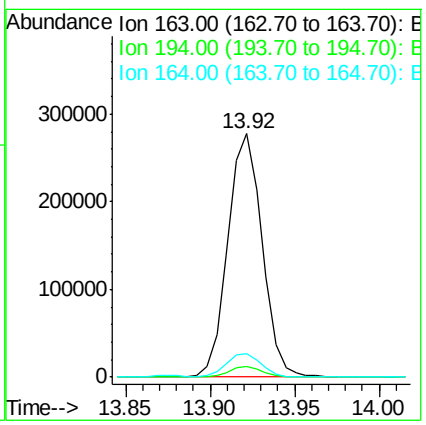


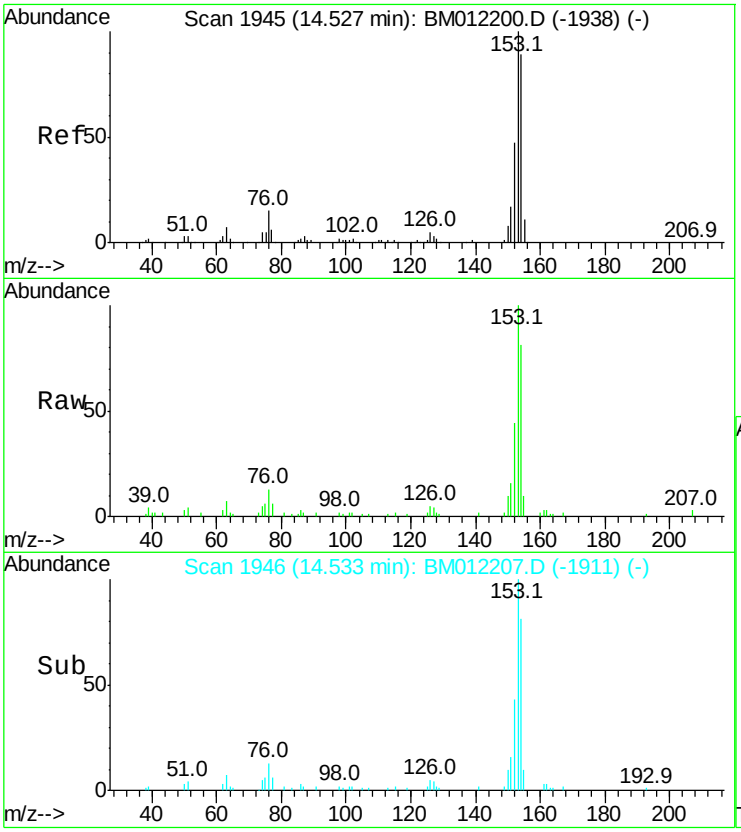


#44
Dimethylphthalate
Concen: 8.811 ng/ul
RT: 13.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Tgt Ion:163 Resp: 390471

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.7	8.2	12.4



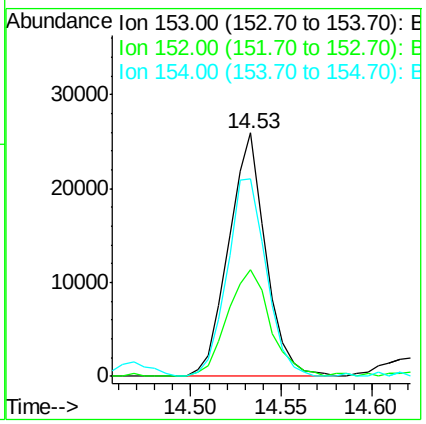


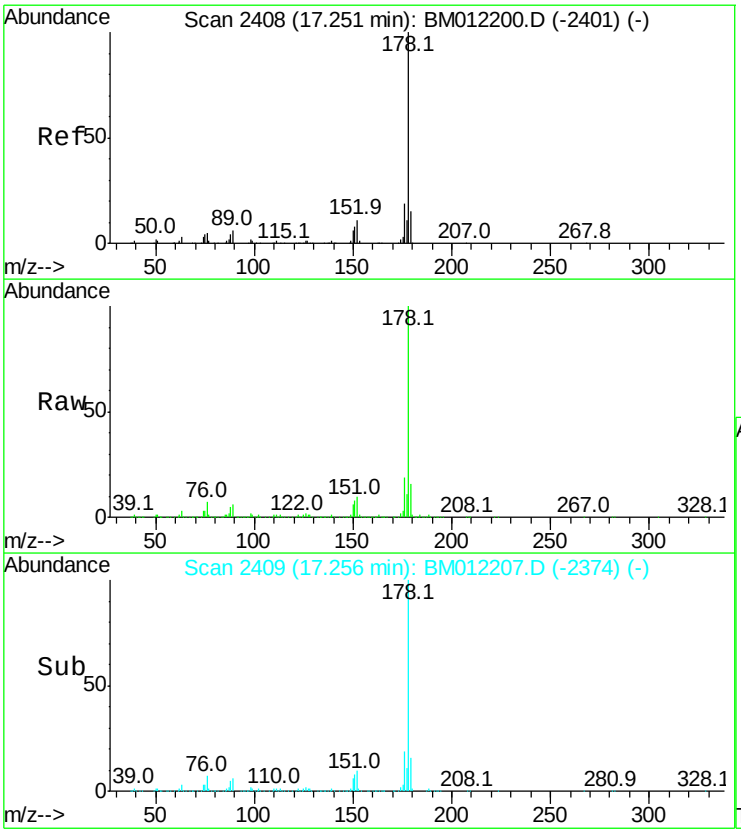
#49
Acenaphthene
Concen: 1.040 ng/ul
RT: 14.53 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:153 Resp: 36843

Ion	Ratio	Lower	Upper
153	100		
152	43.8	37.6	56.4
154	81.4	70.4	105.6

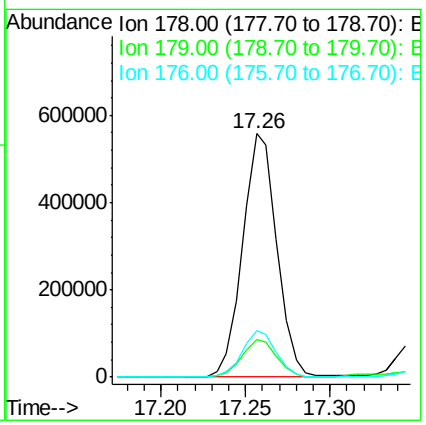


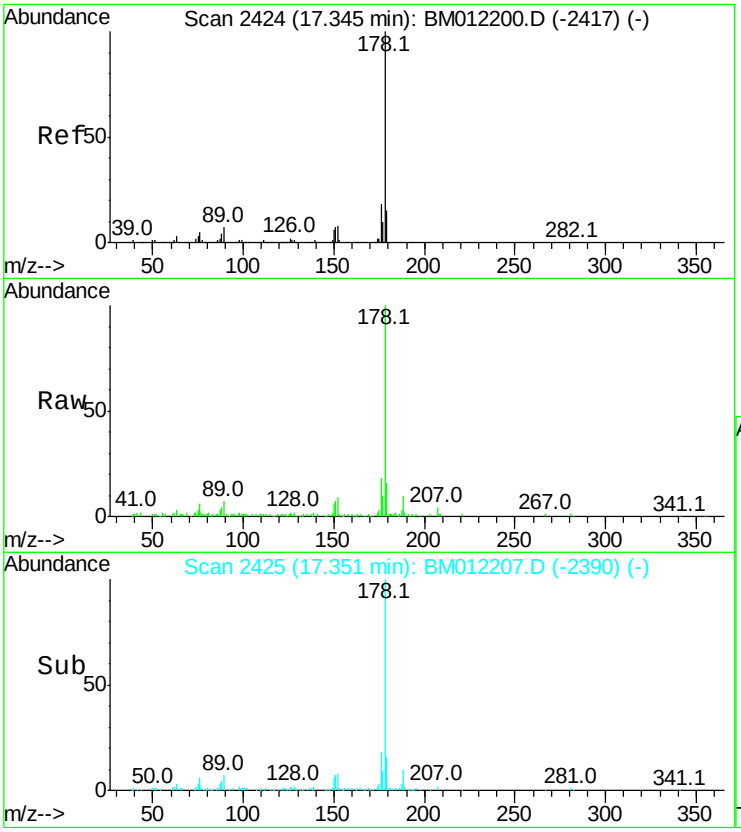


#69
Phenanthrene
Concen: 14.843 ng/ul
RT: 17.26 min Scan# 2409
Delta R.T. 0.01 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Tgt Ion:178 Resp: 785221

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.9	14.9	22.3



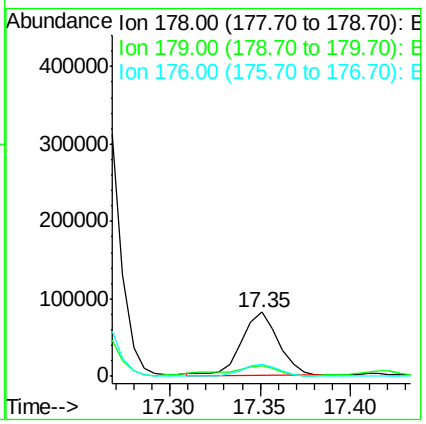


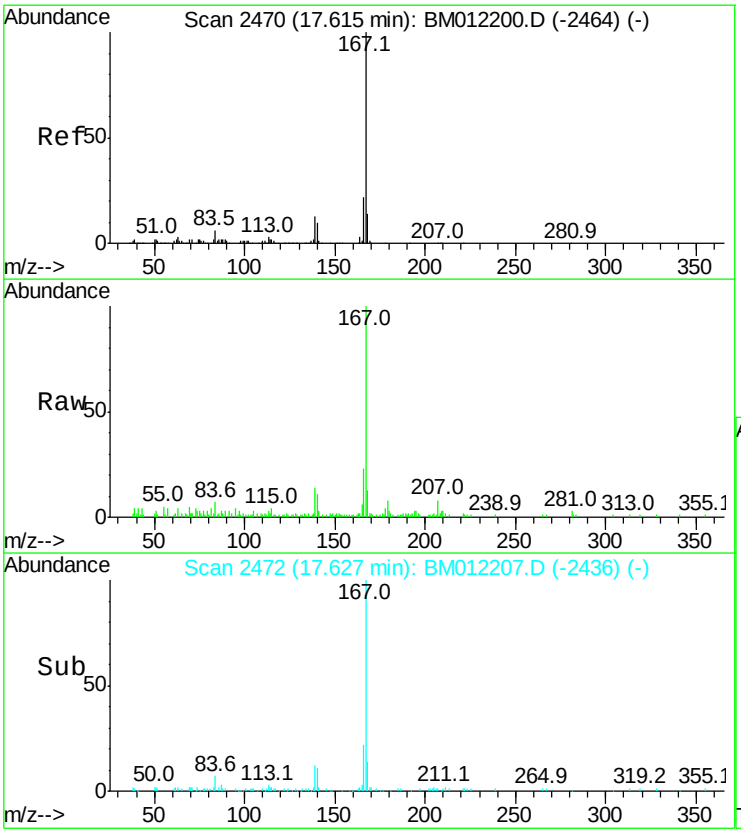
#71
Anthracene
Concen: 2.088 ng/ul
RT: 17.35 min Scan# 2425
Delta R.T. 0.01 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:178 Resp: 114375

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.7	17.5
176	18.5	14.6	21.8

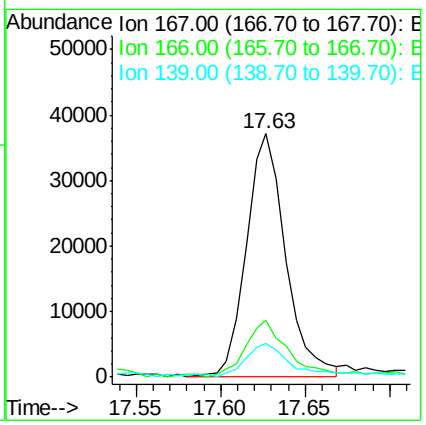


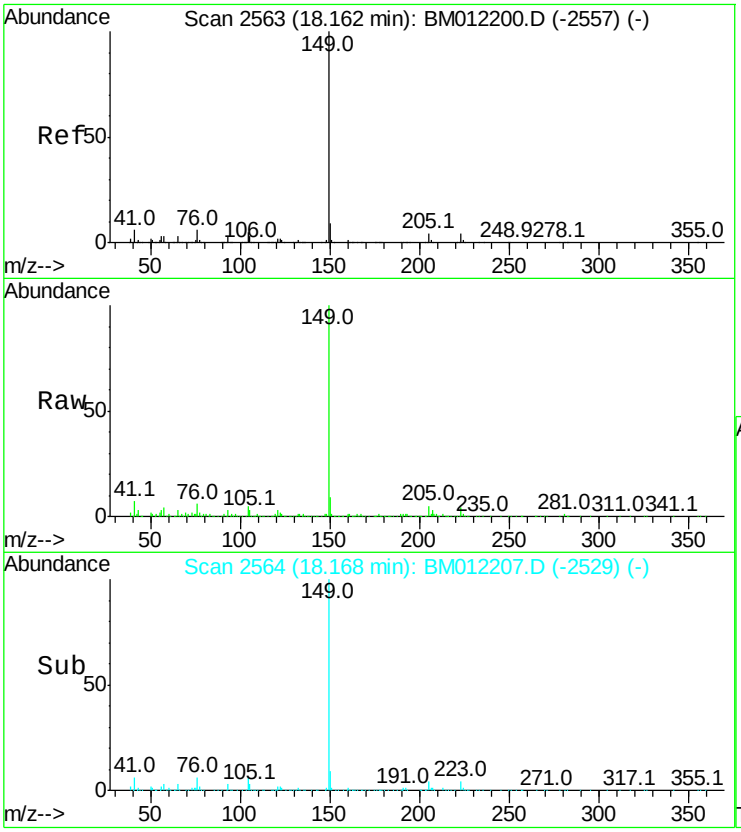


#72
Carbazole
Concen: 1.299 ng/ul
RT: 17.63 min Scan# 2472
Delta R.T. 0.01 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Tgt Ion:167 Resp: 60222

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.1	25.7
139	13.6	10.0	15.0



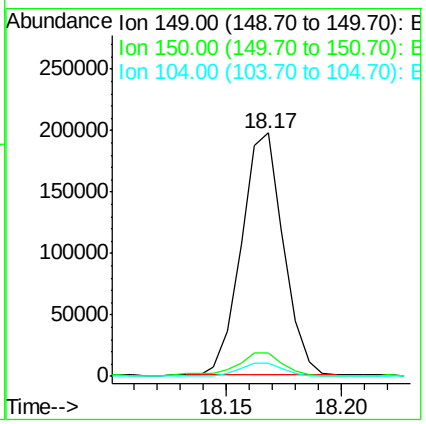


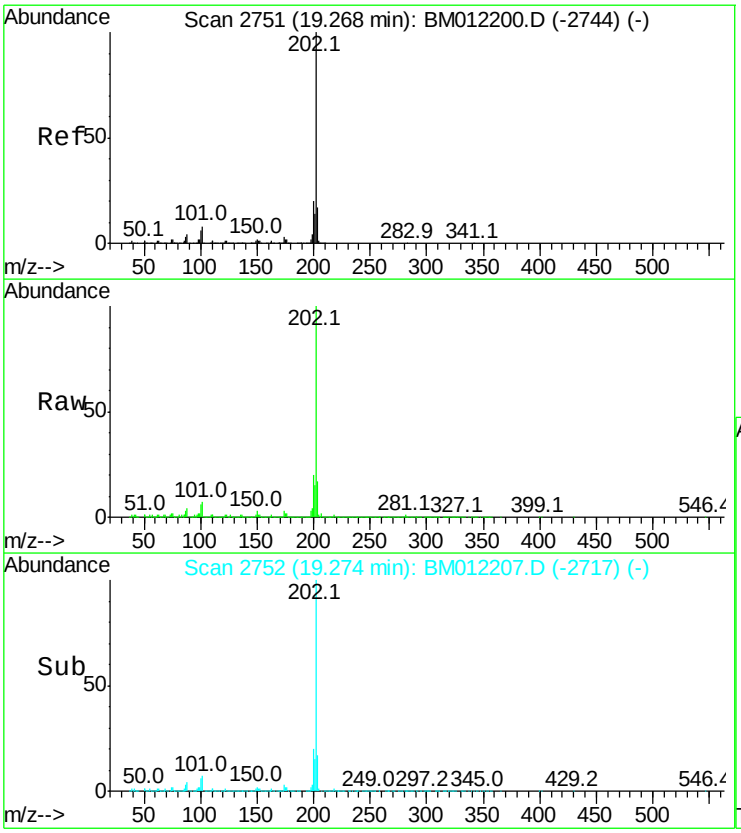
#73
Di-n-butylphthalate
Concen: 3.891 ng/ul
RT: 18.17 min Scan# 2564
Delta R.T. 0.01 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:149 Resp: 250418

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.1	10.7
104	5.5	5.6	8.4#

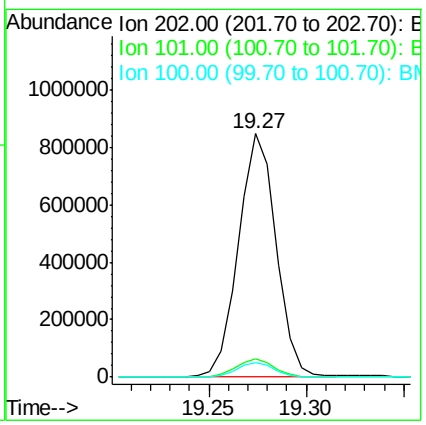


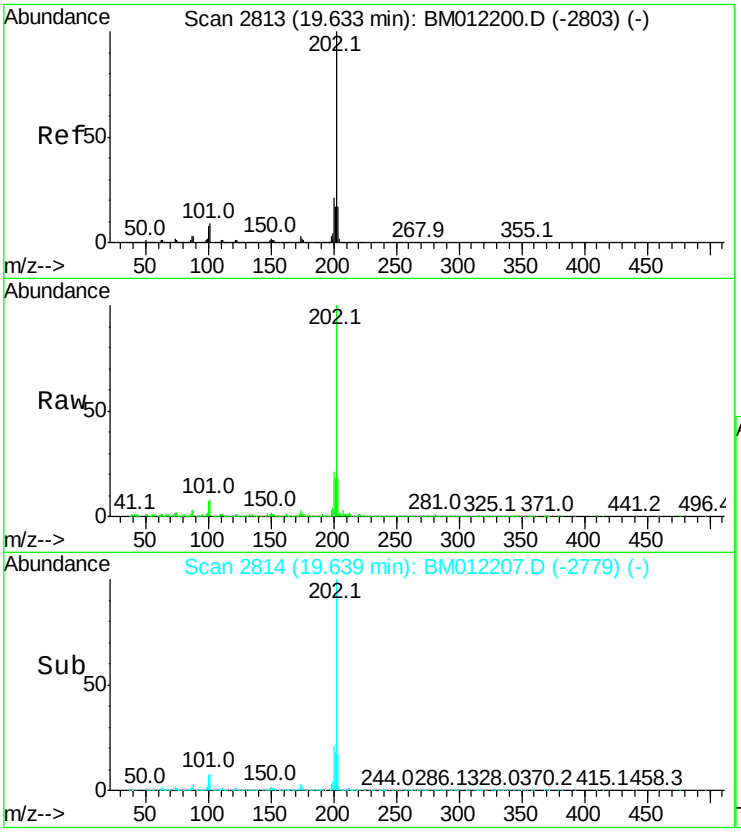


#74
Fluoranthene
Concen: 17.670 ng/ul
RT: 19.27 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Tgt Ion:202 Resp: 1128143

Ion	Ratio	Lower	Upper
202	100		
101	7.3	4.6	7.0#
100	6.1	3.4	5.2#



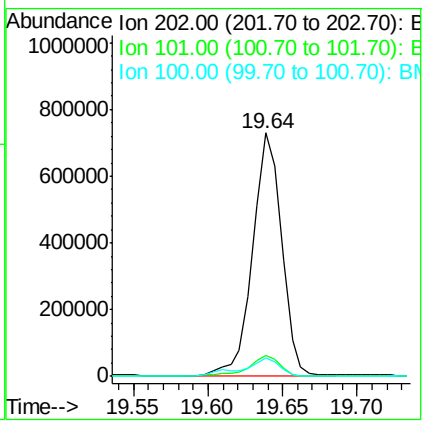


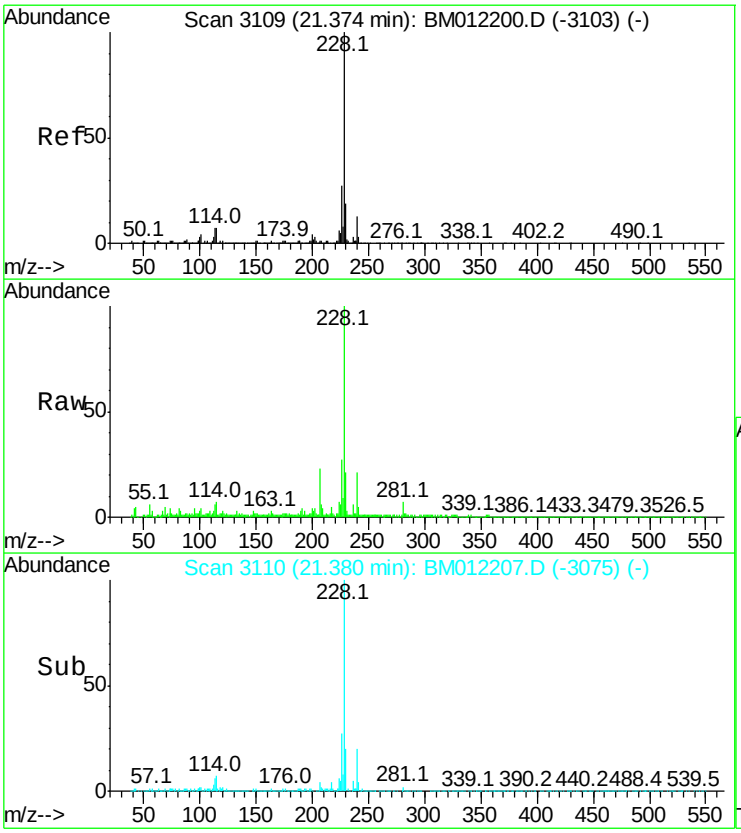
#77
Pyrene
Concen: 17.363 ng/ul
RT: 19.64 min Scan# 2814
Delta R.T. 0.01 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:202 Resp: 971882

Ion	Ratio	Lower	Upper
202	100		
101	8.4	5.1	7.7#
100	7.5	4.9	7.3#

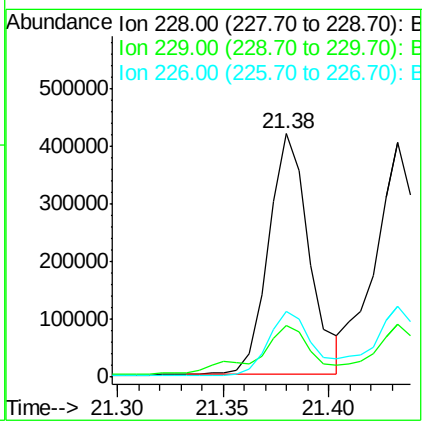


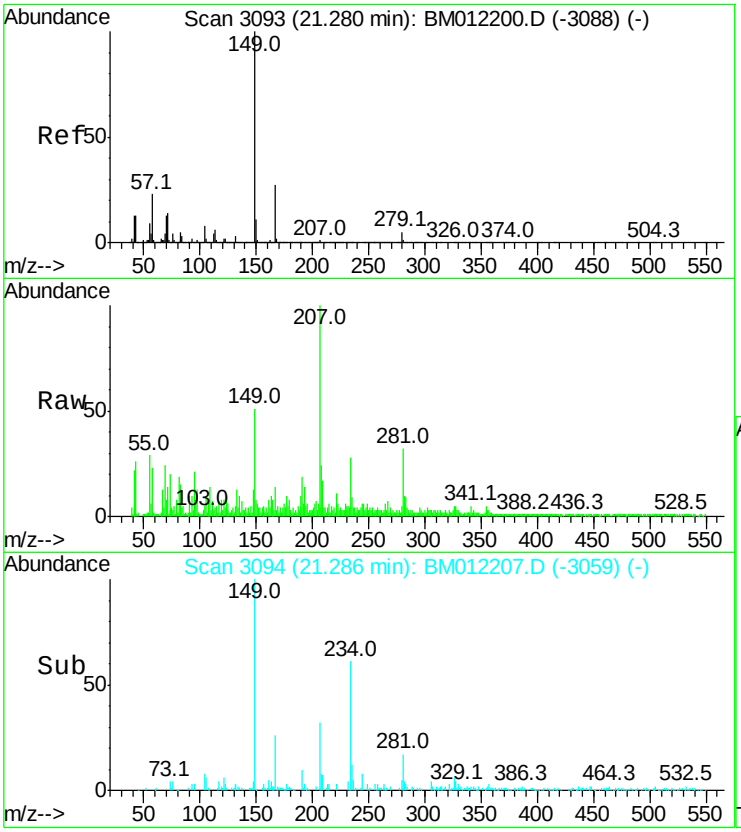


#80
Benzo(a)anthracene
Concen: 10.204 ng/ul
RT: 21.38 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Tgt Ion:228 Resp: 562738

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	27.0	21.4	32.0



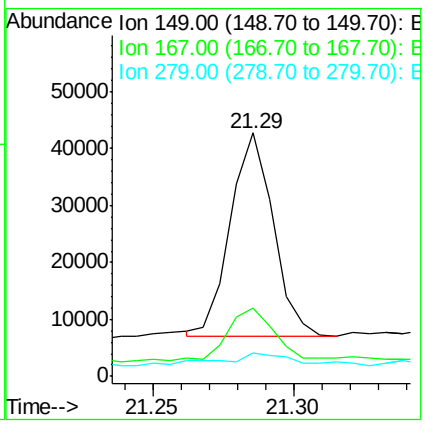


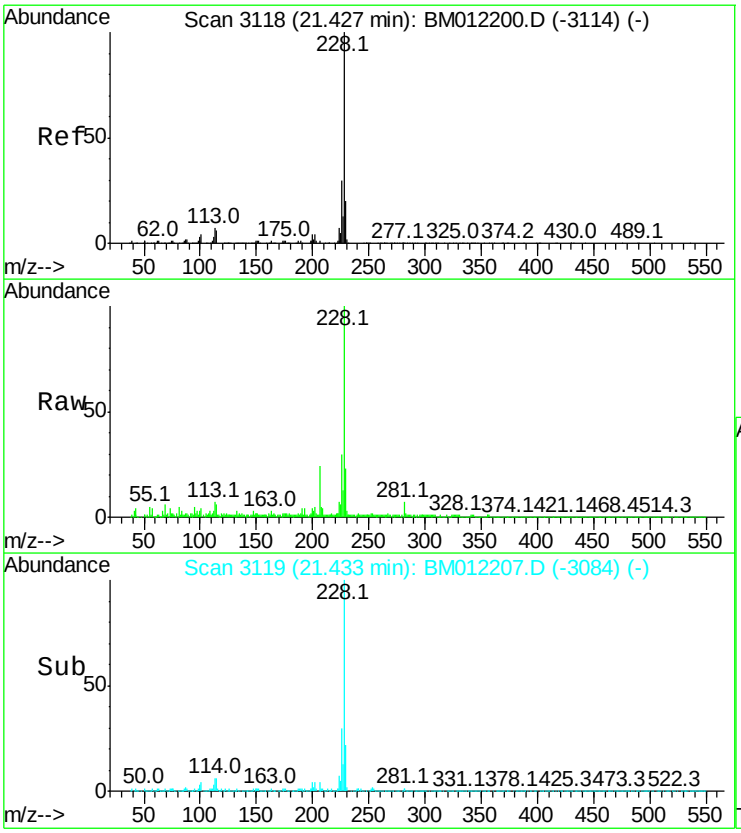
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.010 ng/ul
RT: 21.29 min Scan# 3094
Delta R.T. 0.01 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:149 Resp: 37749

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.8	34.2
279	9.4	4.9	7.3#

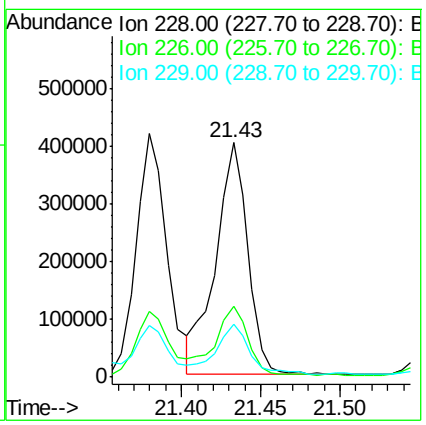


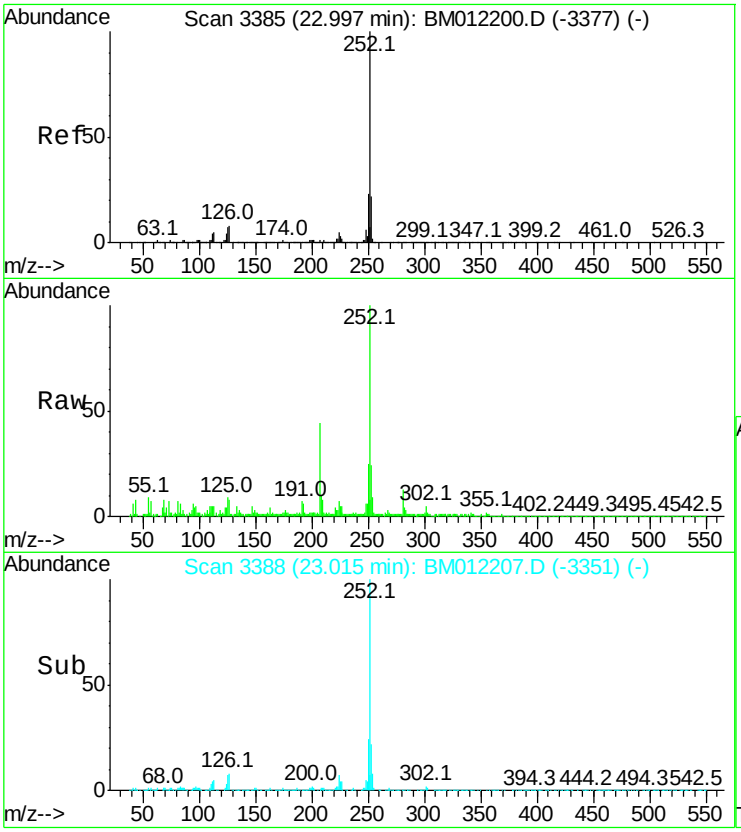


#82
Chrysene
Concen: 10.905 ng/ul
RT: 21.43 min Scan# 3119
Delta R.T. 0.01 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Tgt Ion:228 Resp: 564666

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.6	15.5	23.3



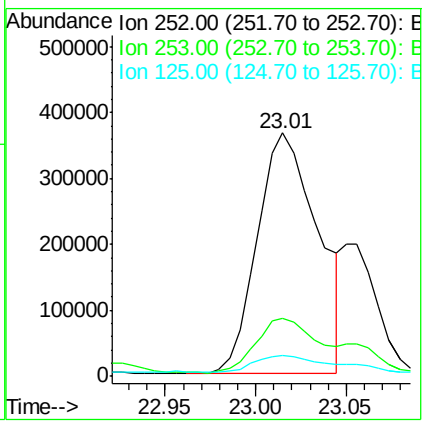


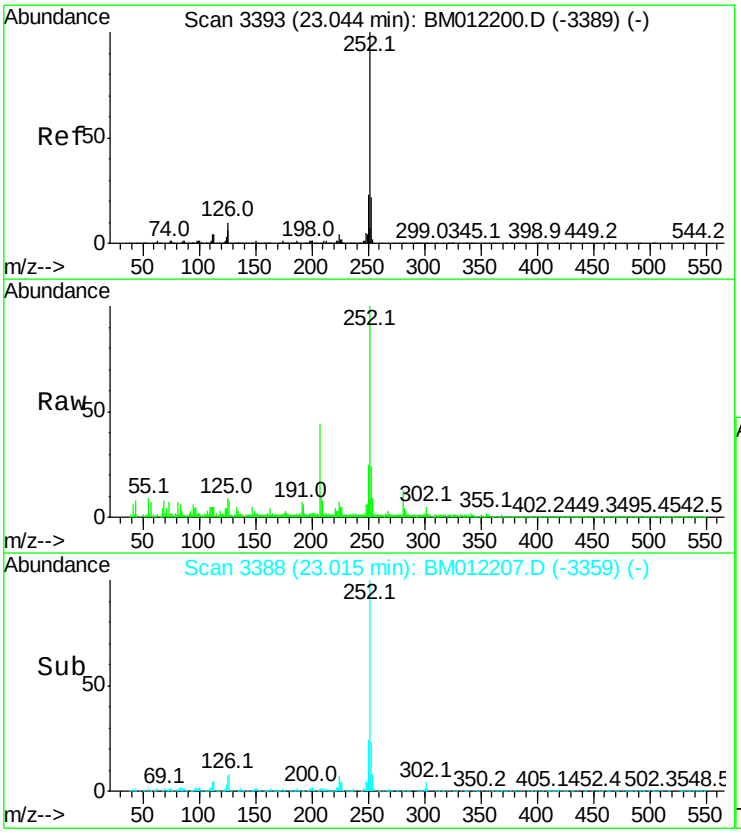
#85
Benzo(b)fluoranthene
Concen: 13.963 ng/ul
RT: 23.01 min Scan# 3388
Delta R.T. 0.02 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:252 Resp: 852564

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	8.6	3.6	5.4#

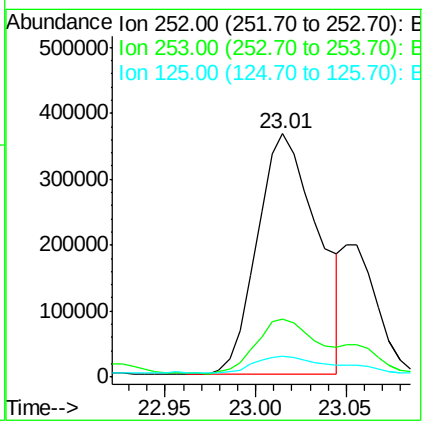


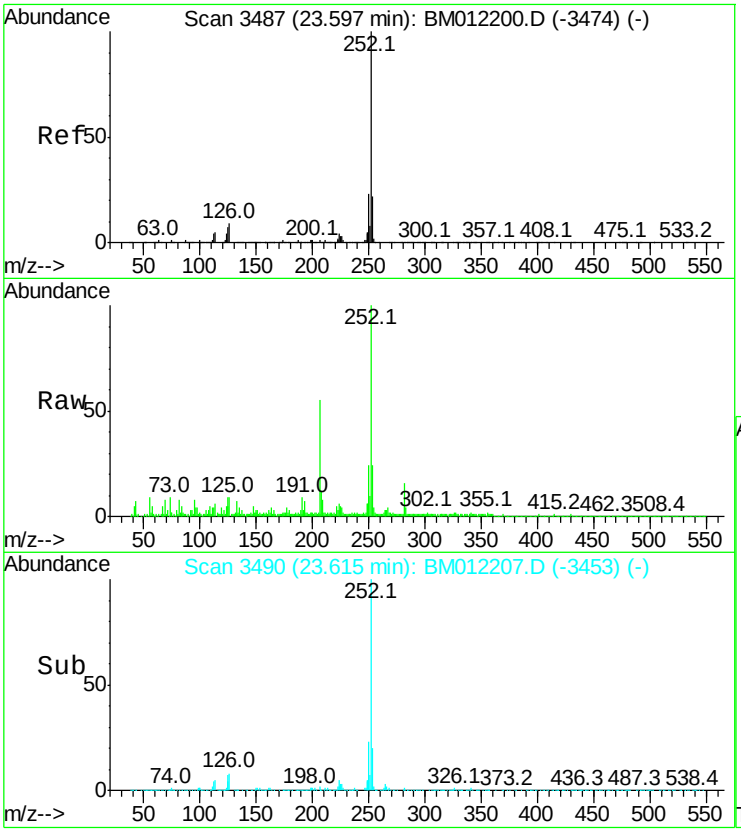


#86
Benzo(k)fluoranthene
Concen: 14.489 ng/ul
RT: 23.01 min Scan# 3388
Delta R.T. -0.03 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Tgt Ion:252 Resp: 852564

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	8.6	3.4	5.2#



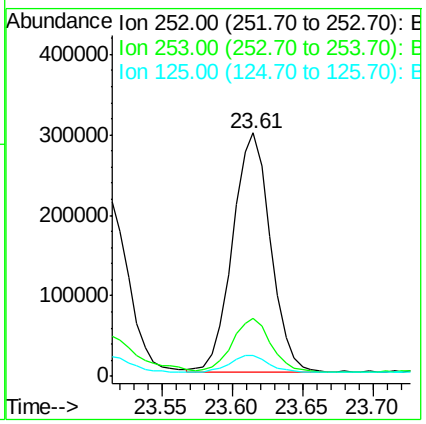


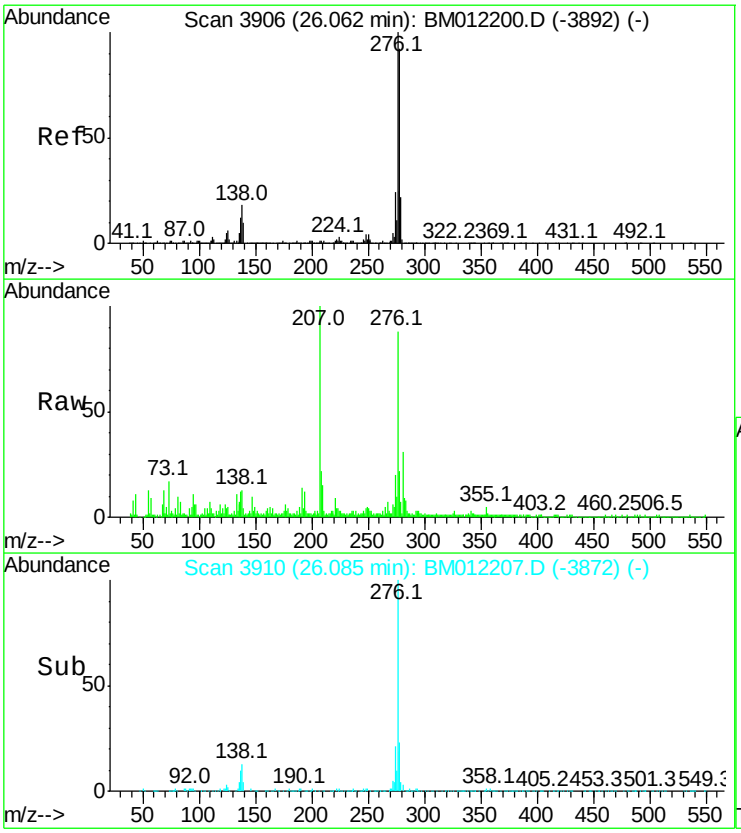
#88
Benzo(a)pyrene
Concen: 9.709 ng/ul
RT: 23.61 min Scan# 3490
Delta R.T. 0.02 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:252 Resp: 558721

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	8.6	4.0	6.0#

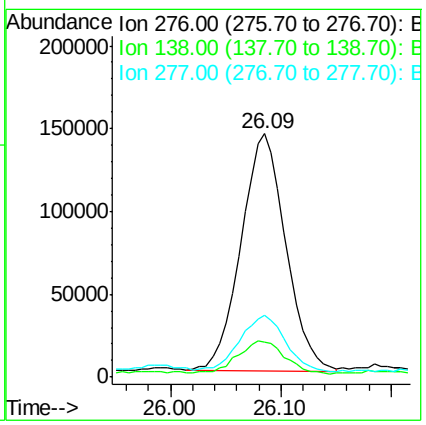


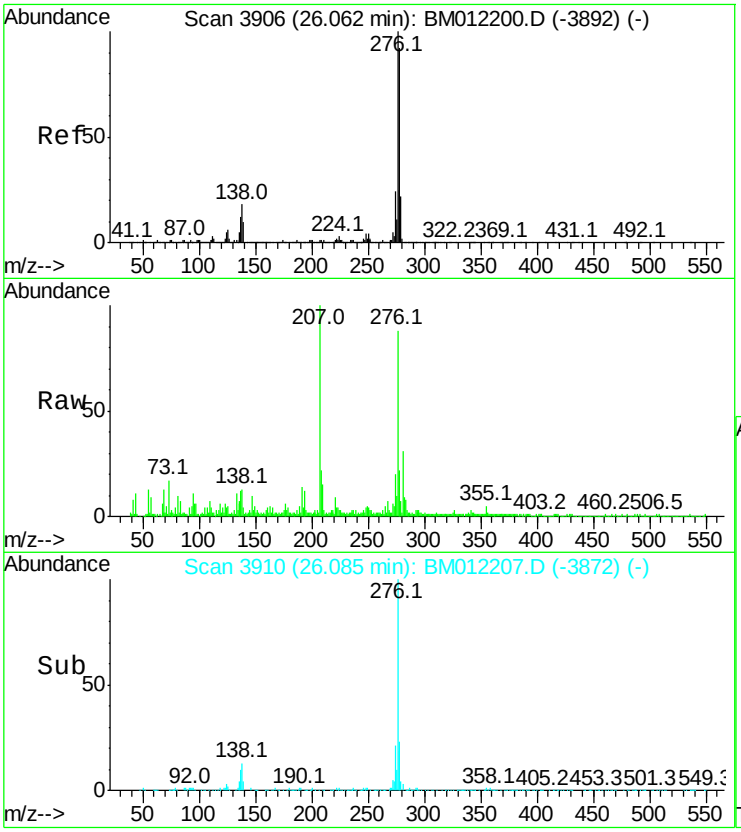


#89
Indeno(1,2,3-cd)pyrene
Concen: 6.654 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. 0.02 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Tgt Ion:276 Resp: 406645

Ion	Ratio	Lower	Upper
276	100		
138	14.2	9.3	13.9#
277	25.3	19.9	29.9



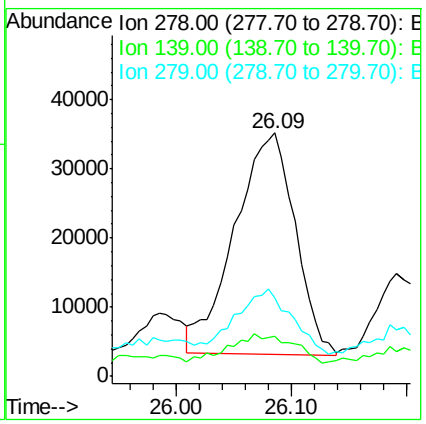


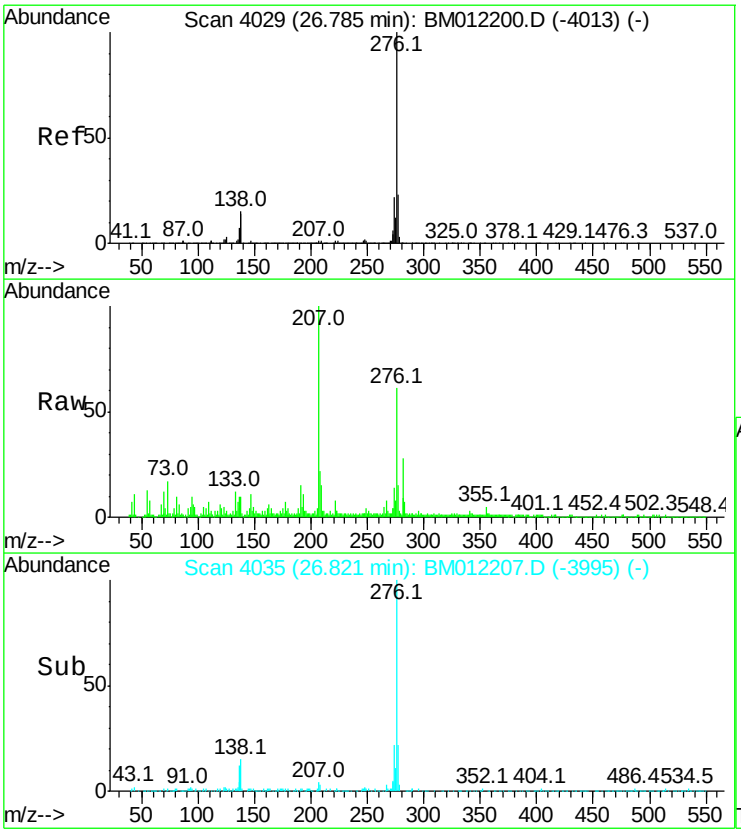
#90
Dibenzo(a,h)anthracene
Concen: 2.259 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. 0.02 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:278 Resp: 116068

Ion	Ratio	Lower	Upper
278	100		
139	16.7	5.8	8.8#
279	32.4	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 6.725 ng/ul
RT: 26.82 min Scan# 4035
Delta R.T. 0.04 min
Lab File: BM012207.D
Acq: 15 Oct 2017 14:00

Tgt Ion:276 Resp: 336597

Ion	Ratio	Lower	Upper
276	100		
138	15.9	8.5	12.7#
277	24.8	18.6	28.0