Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013234.D
Acq On : 07 Dec 2017 05:52
Operator : SJ/JU
Sample : I6647-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0280

Quant Time: Dec 07 06:31:05 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 07 04:35:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	277818	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1189980	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	679333	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1513338	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1379163	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	1159783	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	20742	3.70	ng/uL	0.00
5) Phenol-d5	6.88	99	635395	26.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	362969	26.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	530603	28.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	535488	26.08	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	268109	28.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	284130	28.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	570550	27.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	582424	30.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1613665	26.69	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2163721	29.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	241737	23.02	ng/ul	0.00
57) Fluorene-d10	15.34	176	1407236	27.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	157935	16.59	ng/ul	0.00
70) Anthracene-d10	17.19	188	2129805	28.10	ng/ul	0.00
76) Pyrene-d10	19.49	212	2271267	33.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1667638	28.23	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.90	94	67703	2.849	ng/ul	89
44) Dimethylphthalate	13.80	163	375805	6.500	ng/ul	98
49) Acenaphthene	14.40	153	118755	2.525	ng/ul	97
58) Fluorene	15.39	166	166847	2.905	ng/ul	91
69) Phenanthrene	17.13	178	1551529	18.046	ng/ul	99
71) Anthracene	17.22	178	157742	1.795	ng/ul	99
72) Carbazole	17.49	167	111139	1.470	ng/ul	96
74) Fluoranthene	19.15	202	1726675	16.388	ng/ul#	92
77) Pyrene	19.52	202	1672602	19.962	ng/ul#	93
80) Benzo(a)anthracene	21.26	228	548917	6.273	ng/ul	97
82) Chrysene	21.32	228	707793	8.719	ng/ul	96
85) Benzo(b)fluoranthene	22.84	252	771784	9.872	ng/ul#	94
86) Benzo(k)fluoranthene	22.84	252	771784	10.490	ng/ul#	92
88) Benzo(a)pyrene	23.41	252	440220	6.268	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.75	276	306978	4.405	ng/ul#	93
91) Benzo(g,h,i)perylene	26.43	276	322242	5.862	ng/ul#	94

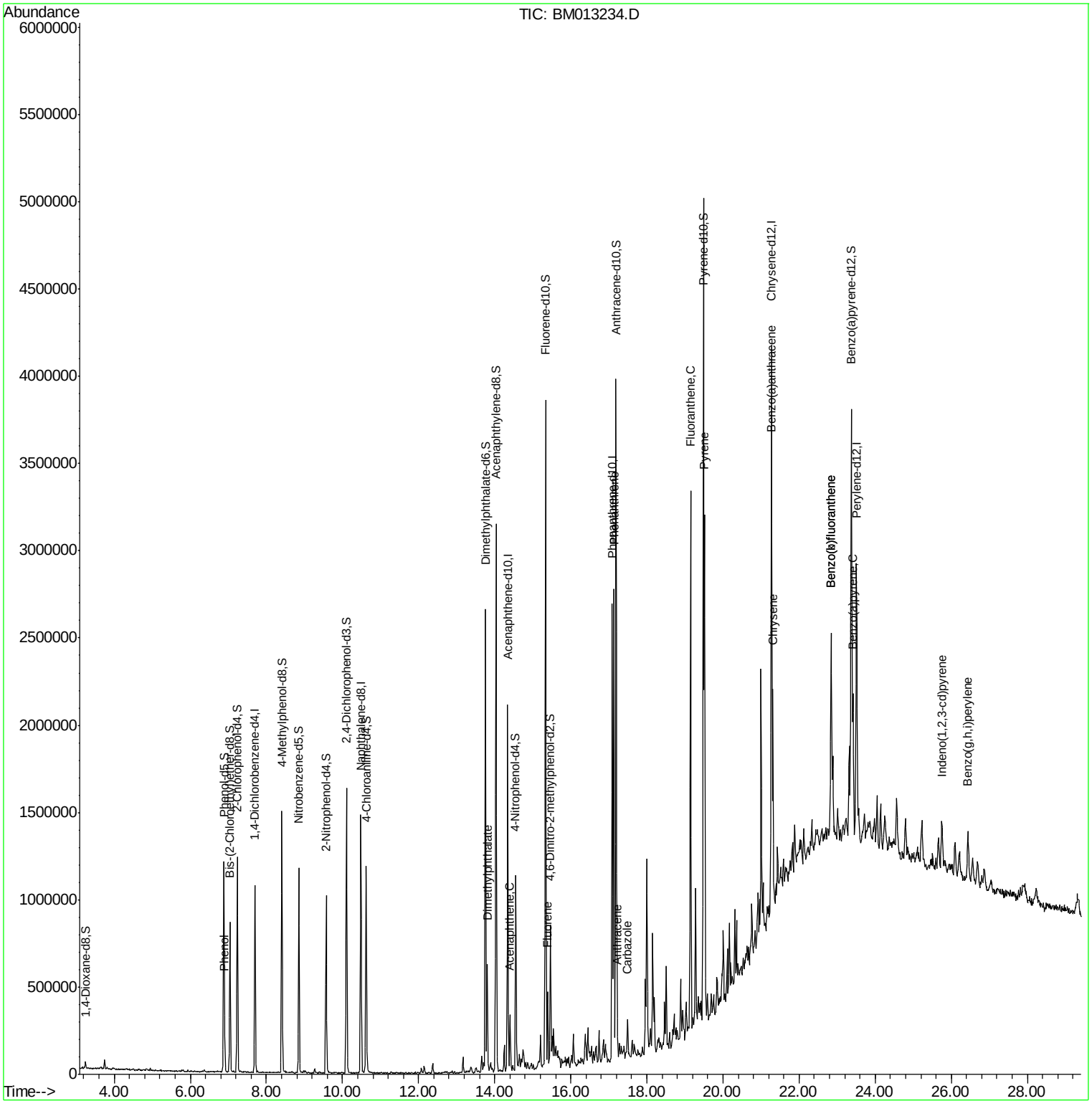
(#) = qualifier out of range (m) = manual integration (+) = signals summed

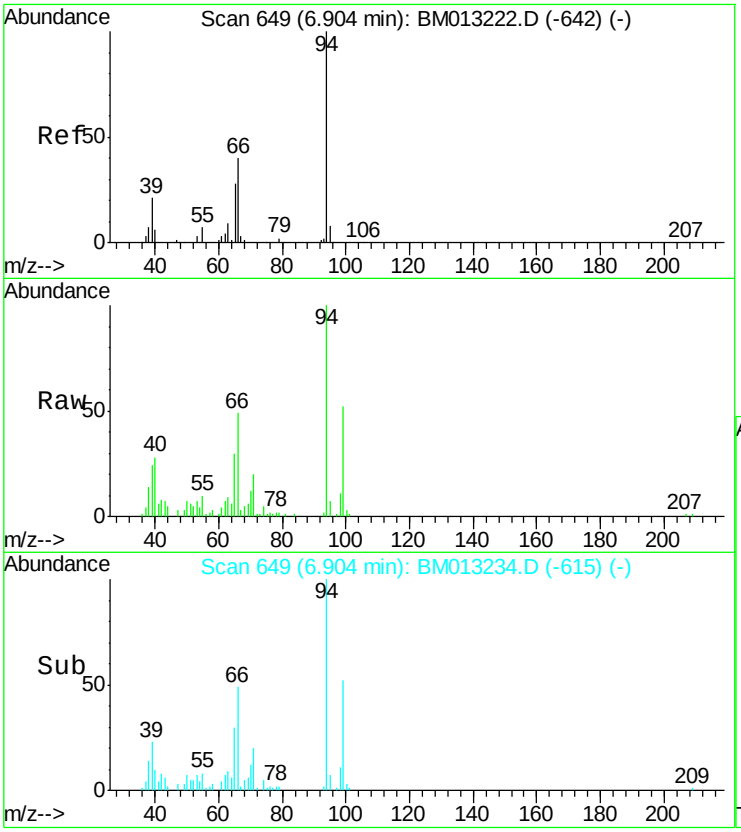
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013234.D
Acq On : 07 Dec 2017 05:52
Operator : SJ/JU
Sample : I6647-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0280

Quant Time: Dec 07 06:31:05 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 07 04:35:17 2017
Response via : Initial Calibration



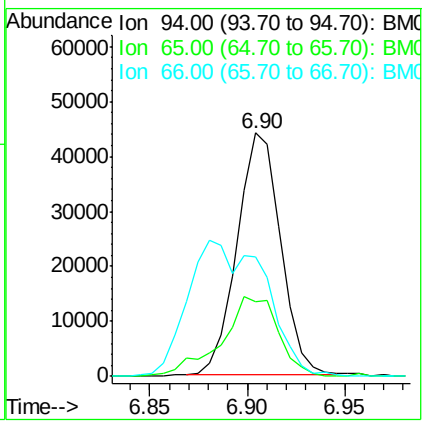


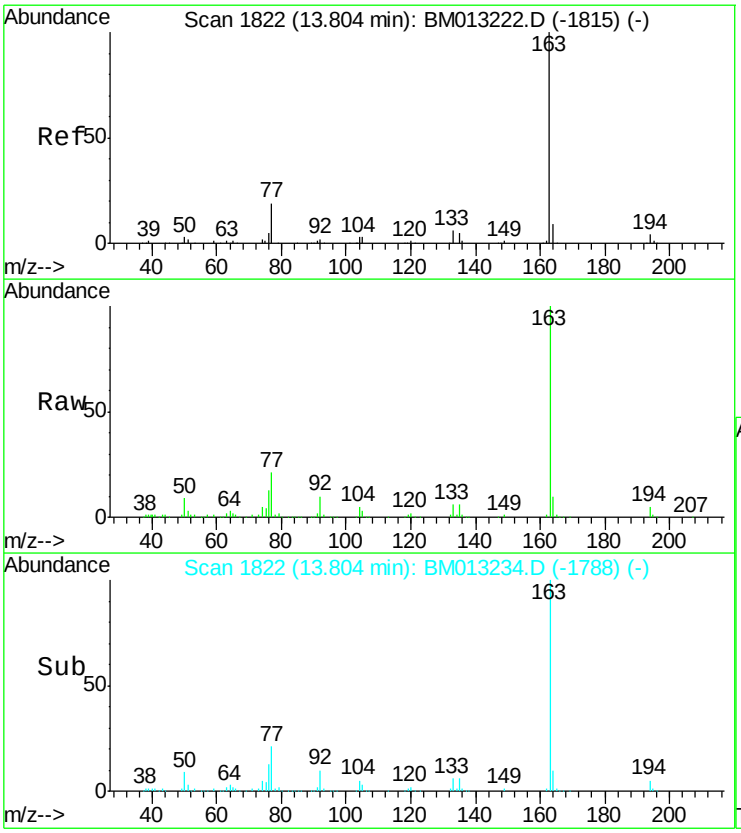
#6
Phenol
Concen: 2.849 ng/ul
RT: 6.90 min Scan# 649
Delta R.T. 0.00 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Instrument :
BNA_M
ClientSampleId :
C0280

Tgt Ion: 94 Resp: 67703

Ion	Ratio	Lower	Upper
94	100		
65	30.5	28.2	42.4
66	49.0	47.2	70.8

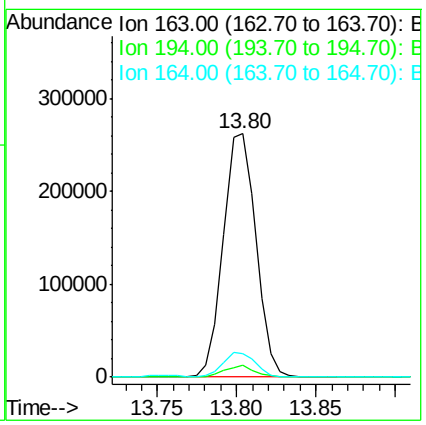


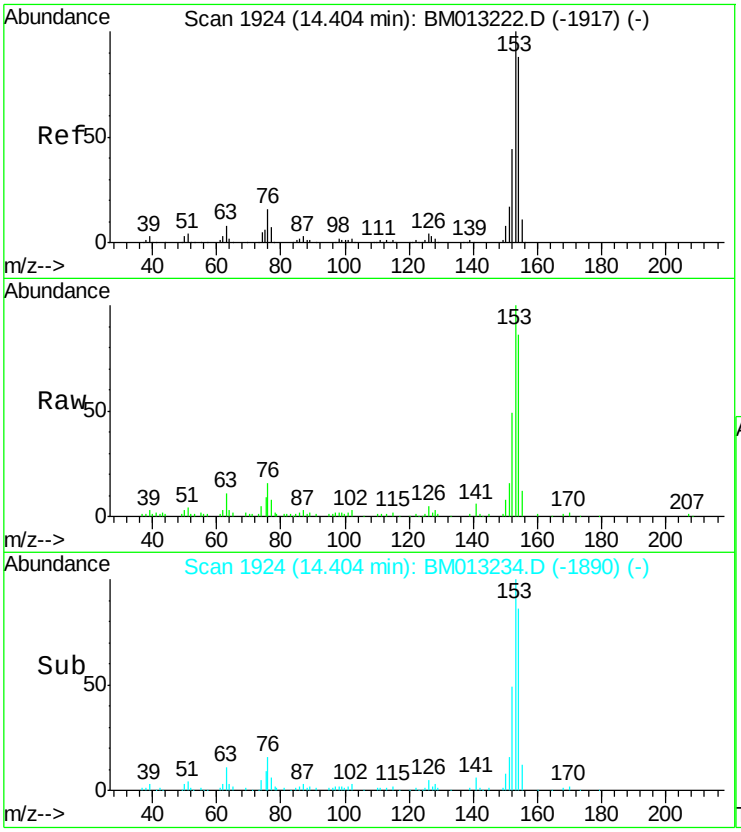


#44
Dimethylphthalate
Concen: 6.500 ng/ul
RT: 13.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Tgt Ion:163 Resp: 375805

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.5	5.3
164	9.5	8.2	12.4



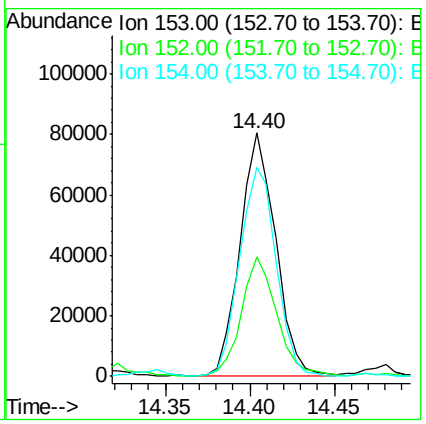


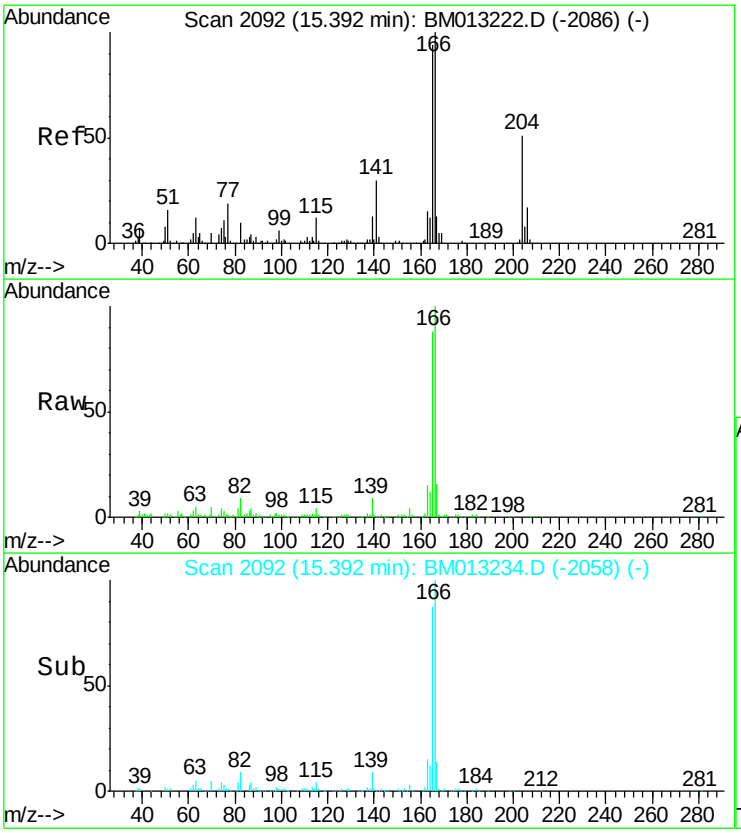
#49
Acenaphthene
Concen: 2.525 ng/ul
RT: 14.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Instrument :
BNA_M
ClientSampleId :
C0280

Tgt Ion:153 Resp: 118755

Ion	Ratio	Lower	Upper
153	100		
152	49.0	37.6	56.4
154	85.7	70.4	105.6

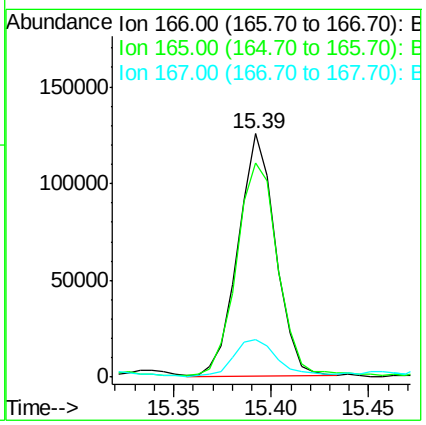


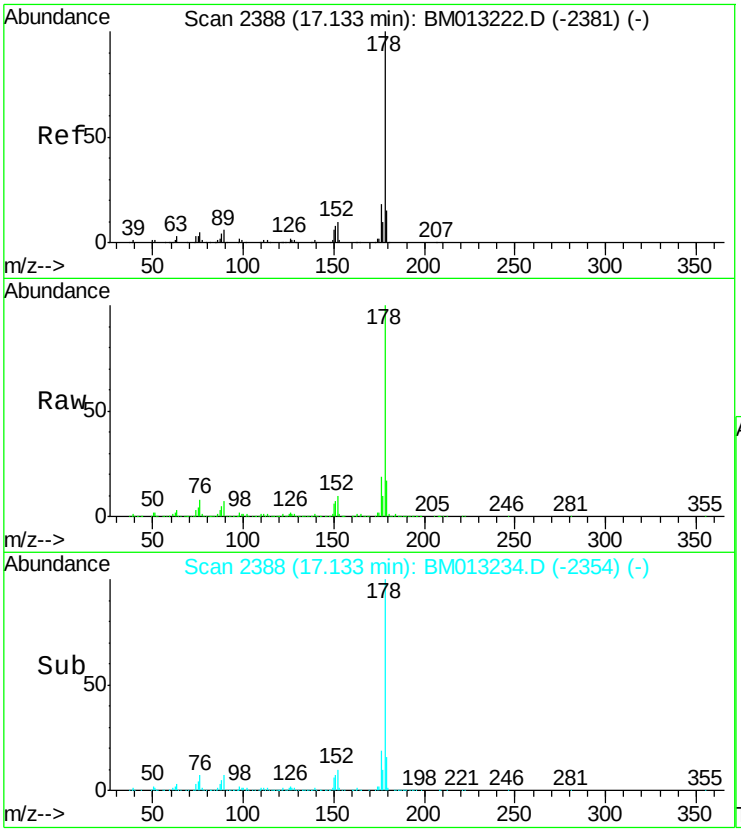


#58
Fluorene
Concen: 2.905 ng/ul
RT: 15.39 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Tgt Ion:166 Resp: 166847

Ion	Ratio	Lower	Upper
166	100		
165	88.1	77.9	116.9
167	15.6	10.6	16.0



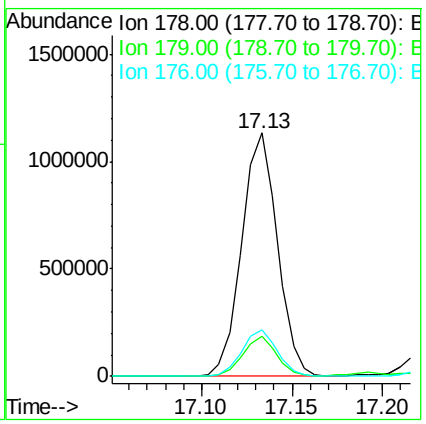


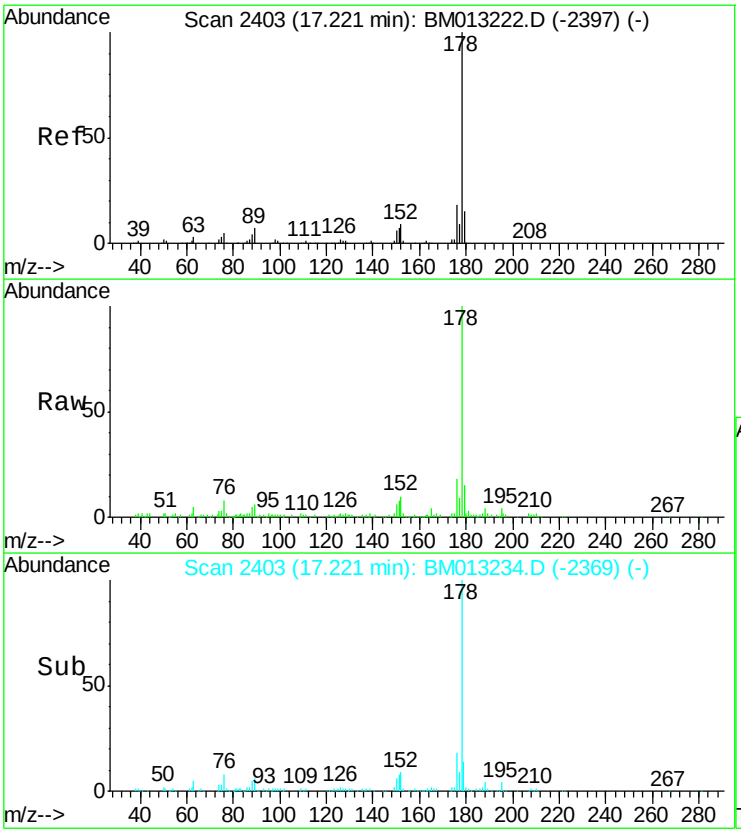
#69
Phenanthrene
Concen: 18.046 ng/ul
RT: 17.13 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Instrument :
BNA_M
ClientSampleId :
C0280

Tgt Ion:178 Resp: 1551529

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.6	19.0
176	19.1	14.9	22.3

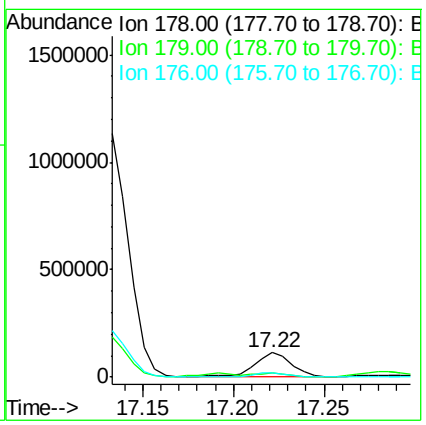


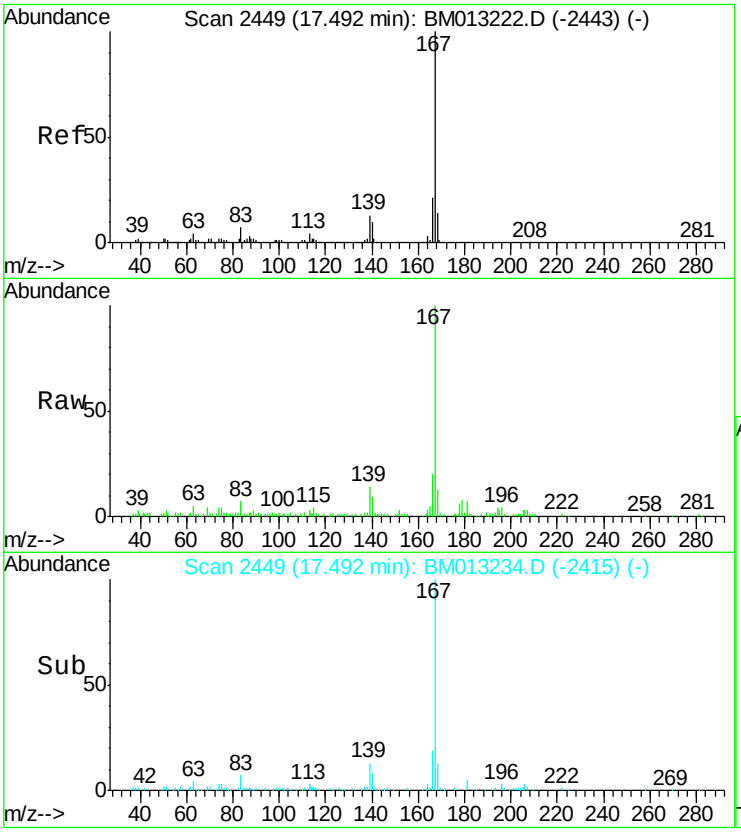


#71
Anthracene
Concen: 1.795 ng/ul
RT: 17.22 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Tgt Ion:178 Resp: 157742

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	17.9	14.6	21.8



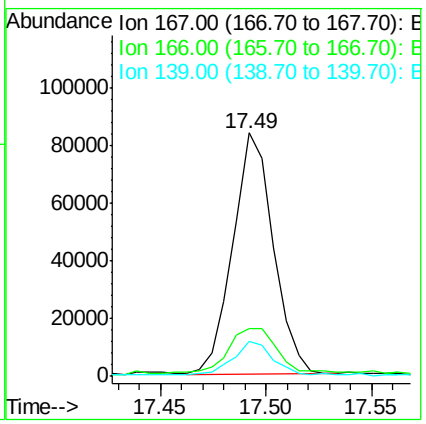


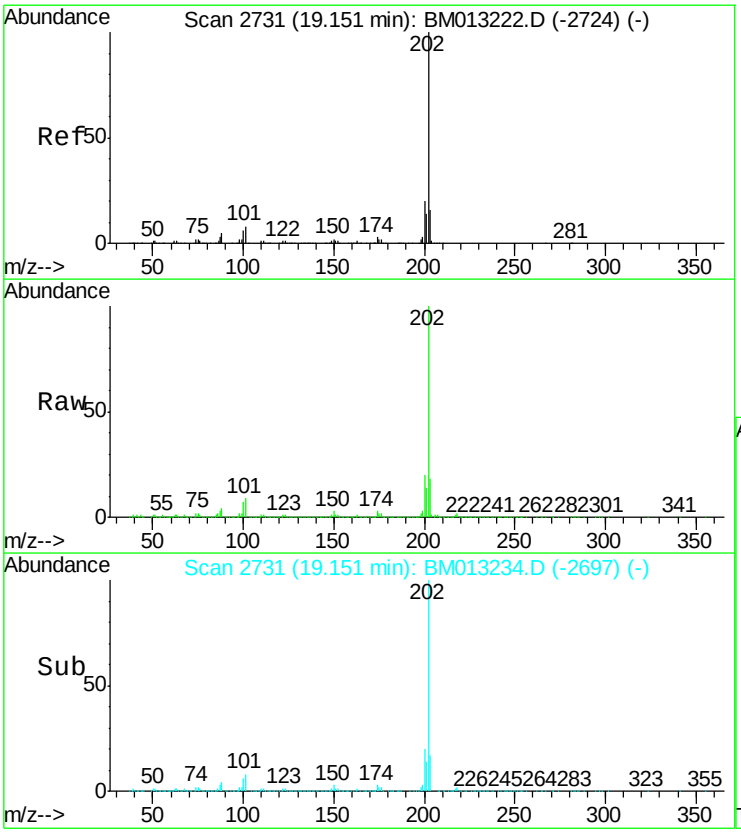
#72
Carbazole
Concen: 1.470 ng/ul
RT: 17.49 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Instrument :
BNA_M
ClientSampleId :
C0280

Tgt Ion:167 Resp: 111139

Ion	Ratio	Lower	Upper
167	100		
166	19.8	17.1	25.7
139	14.1	10.0	15.0

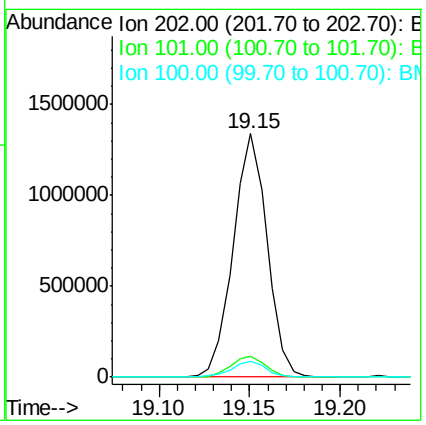


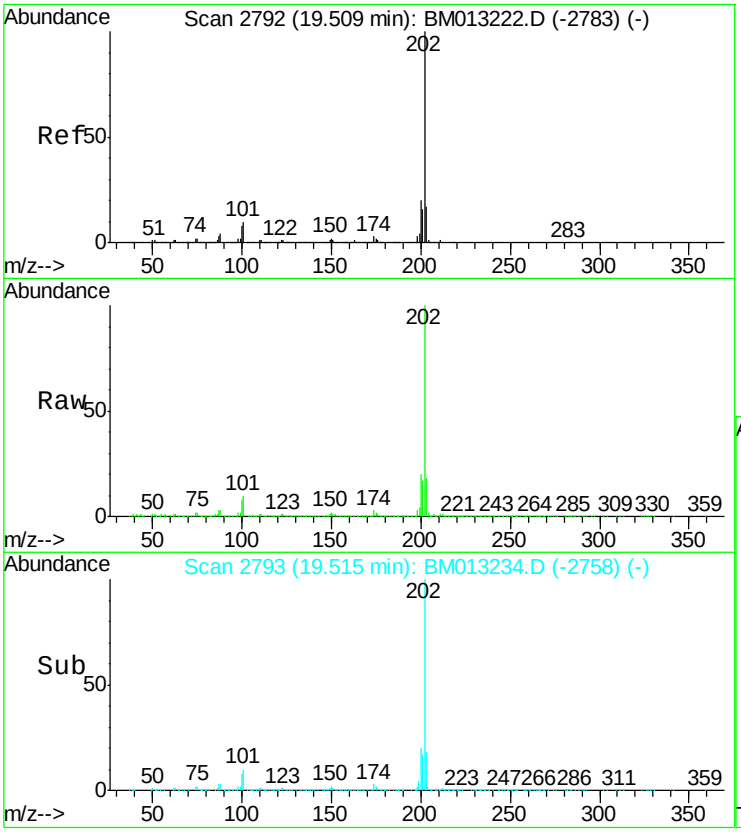


#74
Fluoranthene
Concen: 16.388 ng/ul
RT: 19.15 min Scan# 2731
Delta R.T. 0.00 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Tgt Ion:202 Resp: 1726675

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	6.6	3.4	5.2#



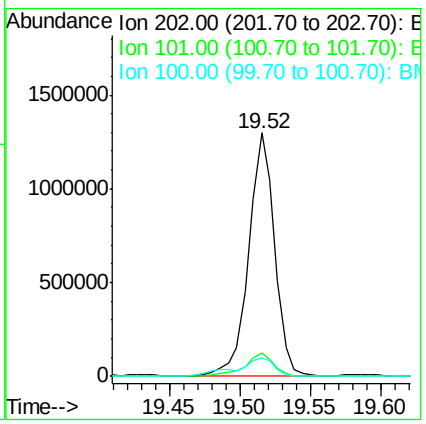


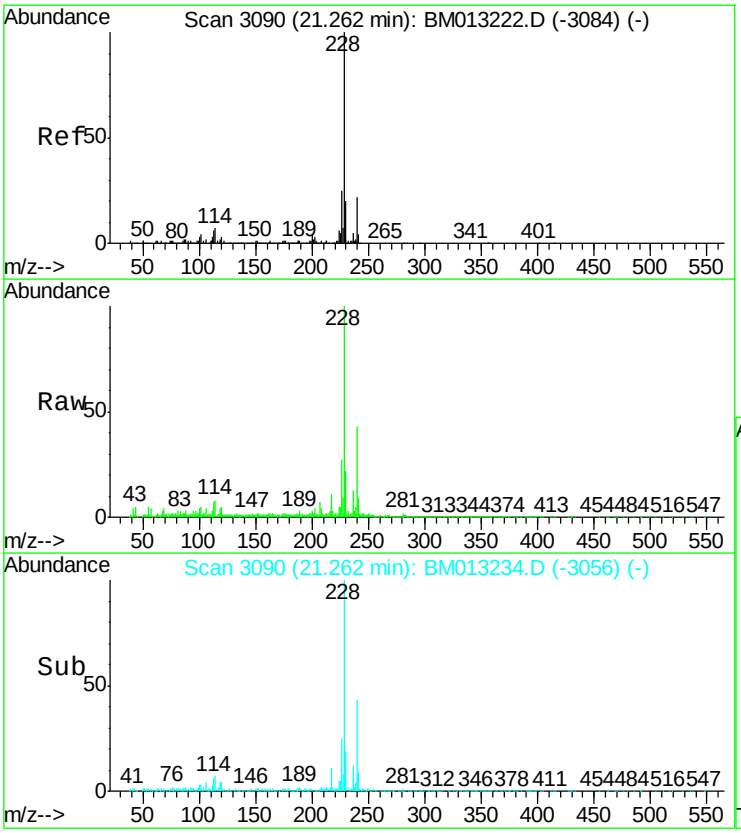
#77
Pyrene
Concen: 19.962 ng/ul
RT: 19.52 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Instrument :
BNA_M
ClientSampleId :
C0280

Tgt Ion:202 Resp: 1672602

Ion	Ratio	Lower	Upper
202	100		
101	9.7	5.1	7.7#
100	7.7	4.9	7.3#

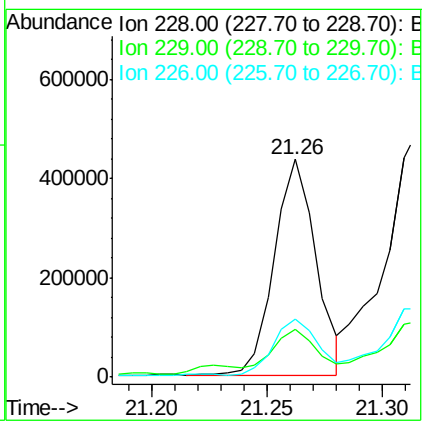


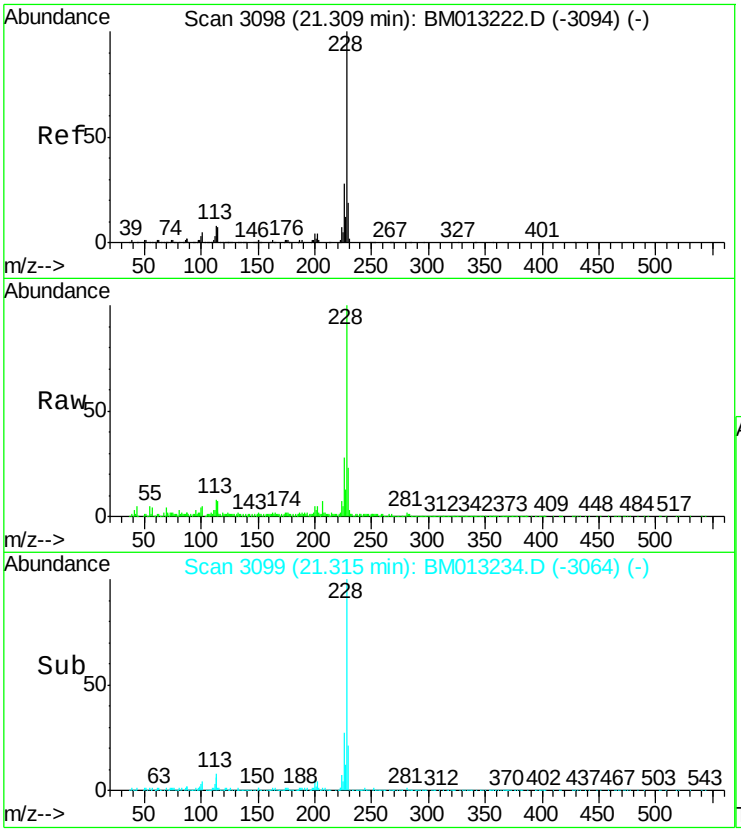


#80
Benzo(a)anthracene
Concen: 6.273 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Tgt Ion:228 Resp: 548917

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.4	23.0
226	26.8	21.4	32.0



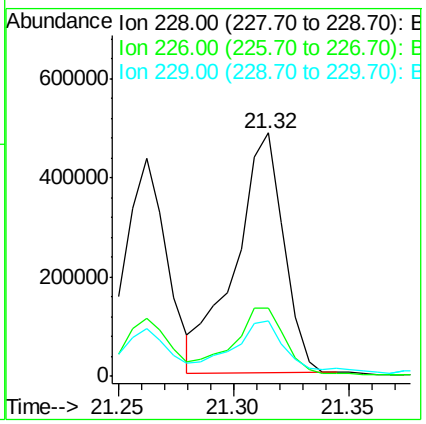


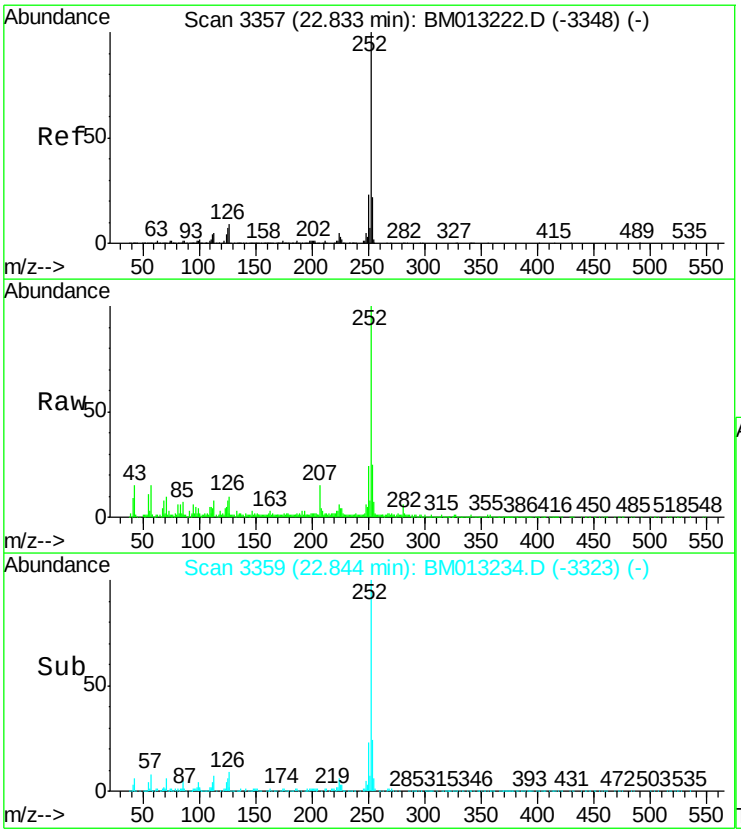
#82
Chrysene
Concen: 8.719 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Instrument :
BNA_M
ClientSampleId :
C0280

Tgt Ion:228 Resp: 707793

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.2
229	22.7	15.5	23.3

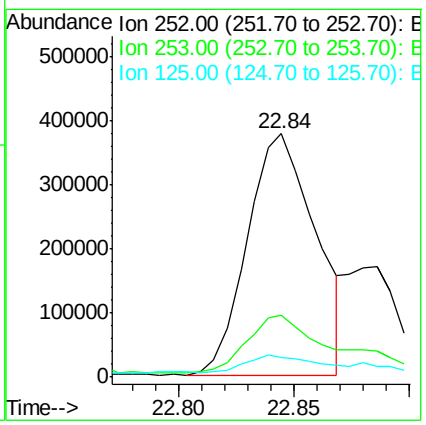


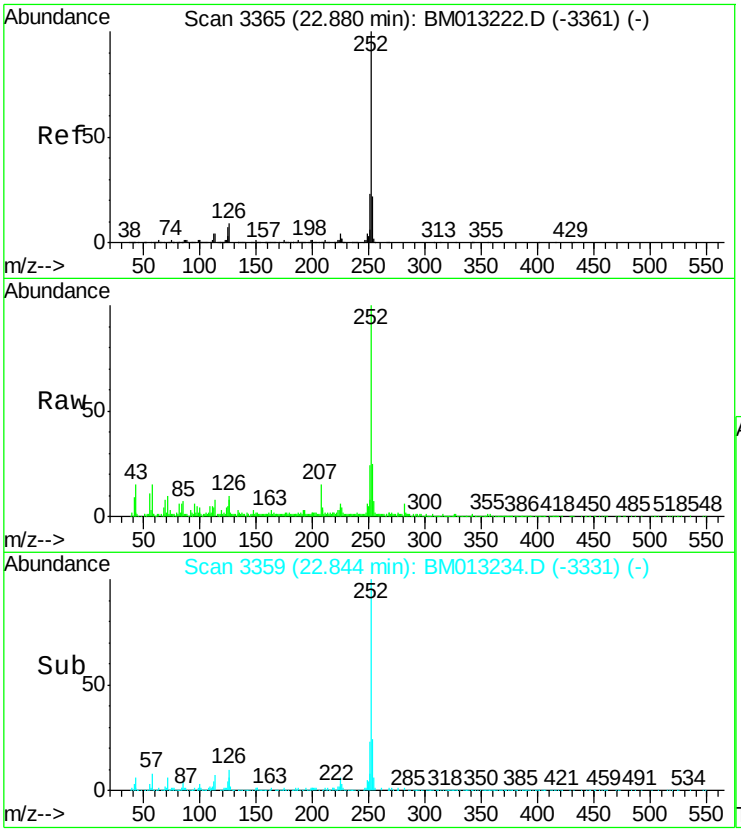


#85
Benzo(b)fluoranthene
Concen: 9.872 ng/ul
RT: 22.84 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Tgt Ion:252 Resp: 771784

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	7.9	3.6	5.4#



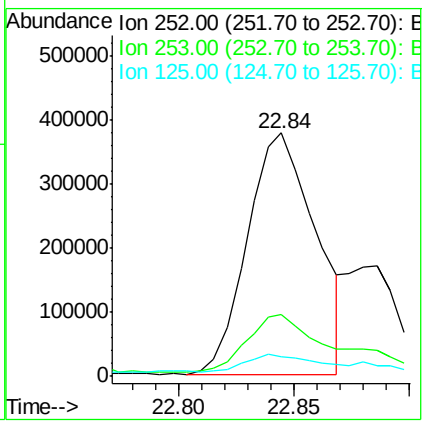


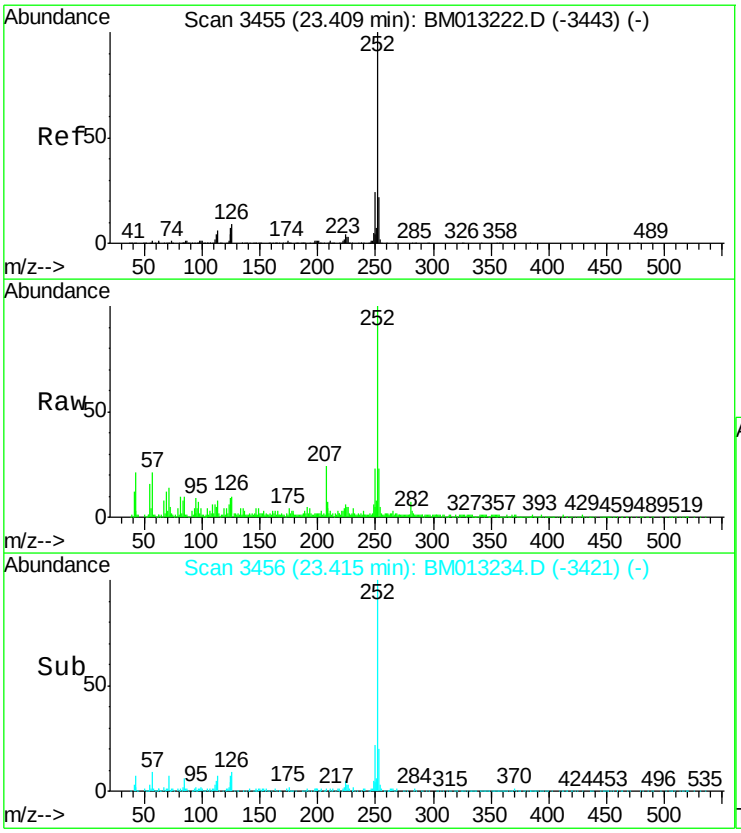
#86
Benzo(k)fluoranthene
Concen: 10.490 ng/ul
RT: 22.84 min Scan# 3359
Delta R.T. -0.04 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Instrument :
BNA_M
ClientSampleId :
C0280

Tgt Ion:252 Resp: 771784

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	7.9	3.4	5.2#

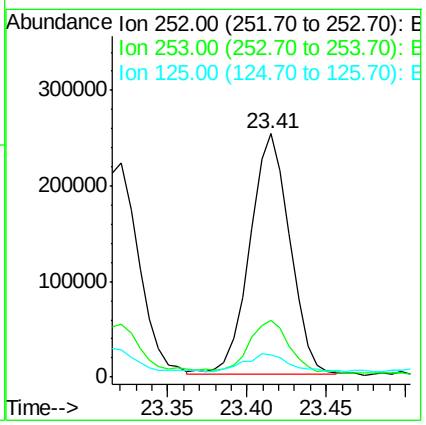


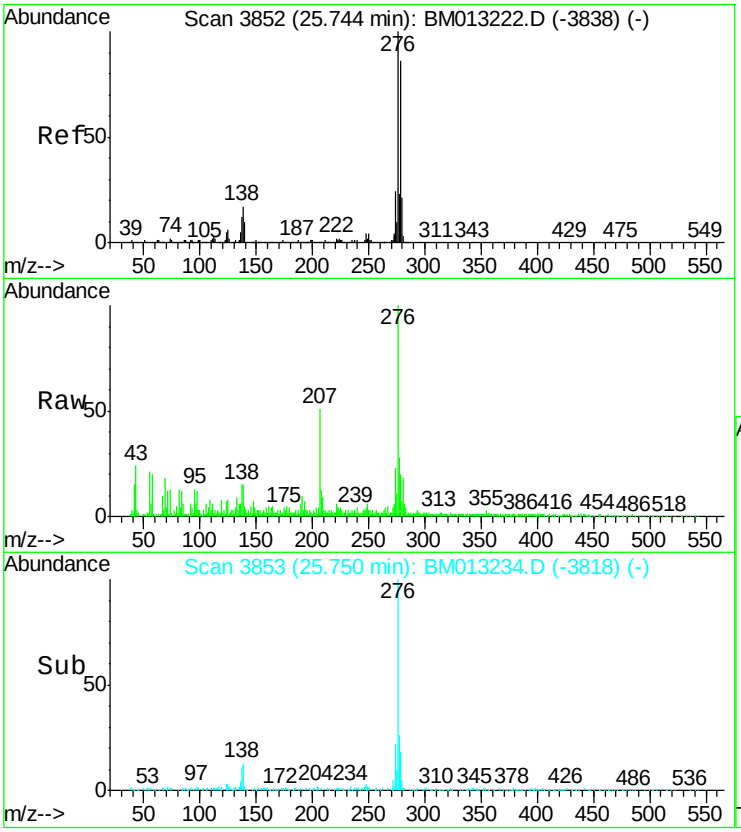


#88
Benzo(a)pyrene
Concen: 6.268 ng/ul
RT: 23.41 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Tgt Ion:252 Resp: 440220

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	8.9	4.0	6.0#



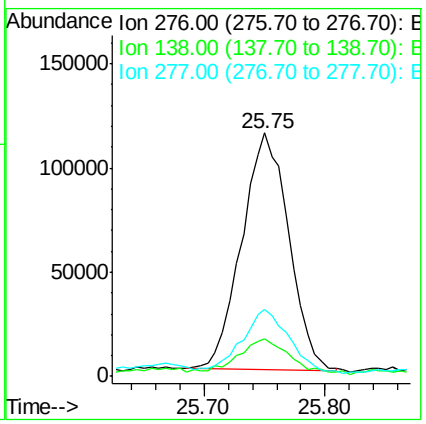


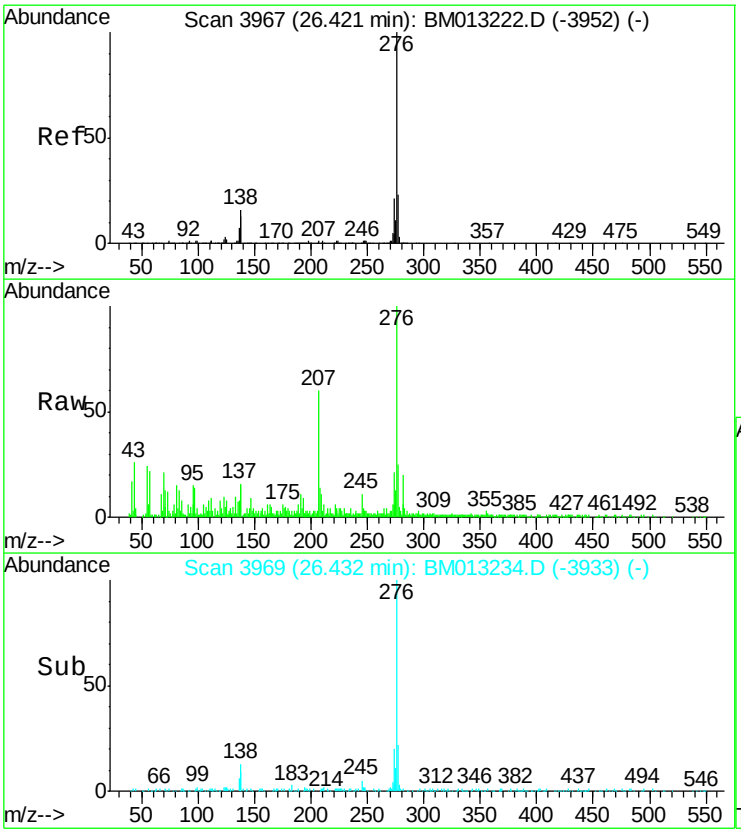
#89
Indeno(1,2,3-cd)pyrene
Concen: 4.405 ng/ul
RT: 25.75 min Scan# 3853
Delta R.T. 0.01 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Instrument :
BNA_M
ClientSampleId :
C0280

Tgt Ion:276 Resp: 306978

Ion	Ratio	Lower	Upper
276	100		
138	15.4	9.3	13.9#
277	27.6	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 5.862 ng/ul
RT: 26.43 min Scan# 3969
Delta R.T. 0.01 min
Lab File: BM013234.D
Acq: 07 Dec 2017 05:52

Tgt Ion:276 Resp: 322242

Ion	Ratio	Lower	Upper
276	100		
138	15.4	8.5	12.7#
277	24.5	18.6	28.0