Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012818.D
Acq On : 08 Nov 2017 13:23
Operator : SJ/JU
Sample : I5955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-71(3-5)-101617

Quant Time: Nov 09 01:32:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 01:31:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	107129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	420108	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	228968	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	466536	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	510137	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	575935	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	16663	8.40	ng/uL	0.00
5) Phenol-d5	6.98	99	353501	44.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	202518	46.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	308072	46.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	191801	27.88	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	150870	48.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	179017	50.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	304380	41.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	304696	43.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	914228	48.25	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1106665	47.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	102890	33.89	ng/ul	0.00
57) Fluorene-d10	15.43	176	752238	46.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	75132	24.39	ng/ul	0.00
70) Anthracene-d10	17.29	188	1043494	46.29	ng/ul	0.00
78) Pyrene-d10	19.57	212	1247537	52.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	1451651	53.31	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	33343	4.07	ng/ul	95
21) Isophorone	9.67	82	14395	1.09	ng/ul#	71
44) Dimethylphthalate	13.89	163	195008	10.37	ng/ul	99
49) Acenaphthene	14.50	153	36142	2.34	ng/ul	98
58) Fluorene	15.49	166	44338	2.36	ng/ul	99
69) Phenanthrene	17.23	178	598406	23.47	ng/ul	99
71) Anthracene	17.32	178	113219	4.28	ng/ul	98
74) Carbazole	17.59	167	28125	1.28	ng/ul	98
76) Fluoranthene	19.24	202	673182	21.97	ng/ul#	94
79) Pyrene	19.60	202	630364	20.71	ng/ul#	93
82) Benzo(a)anthracene	21.35	228	315701	10.23	ng/ul	99
84) Chrysene	21.40	228	304587	10.89	ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	337805	9.60	ng/ul#	96
88) Benzo(k)fluoranthene	22.96	252	337805	10.10	ng/ul#	96
90) Benzo(a)pyrene	23.54	252	233951	6.99	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.95	276	137524	3.41	ng/ul#	85
92) Dibenzo(a,h)anthracene	25.95	278	44720	1.31	ng/ul#	88
93) Benzo(g,h,i)perylene	26.66	276	118296	3.56	ng/ul#	90

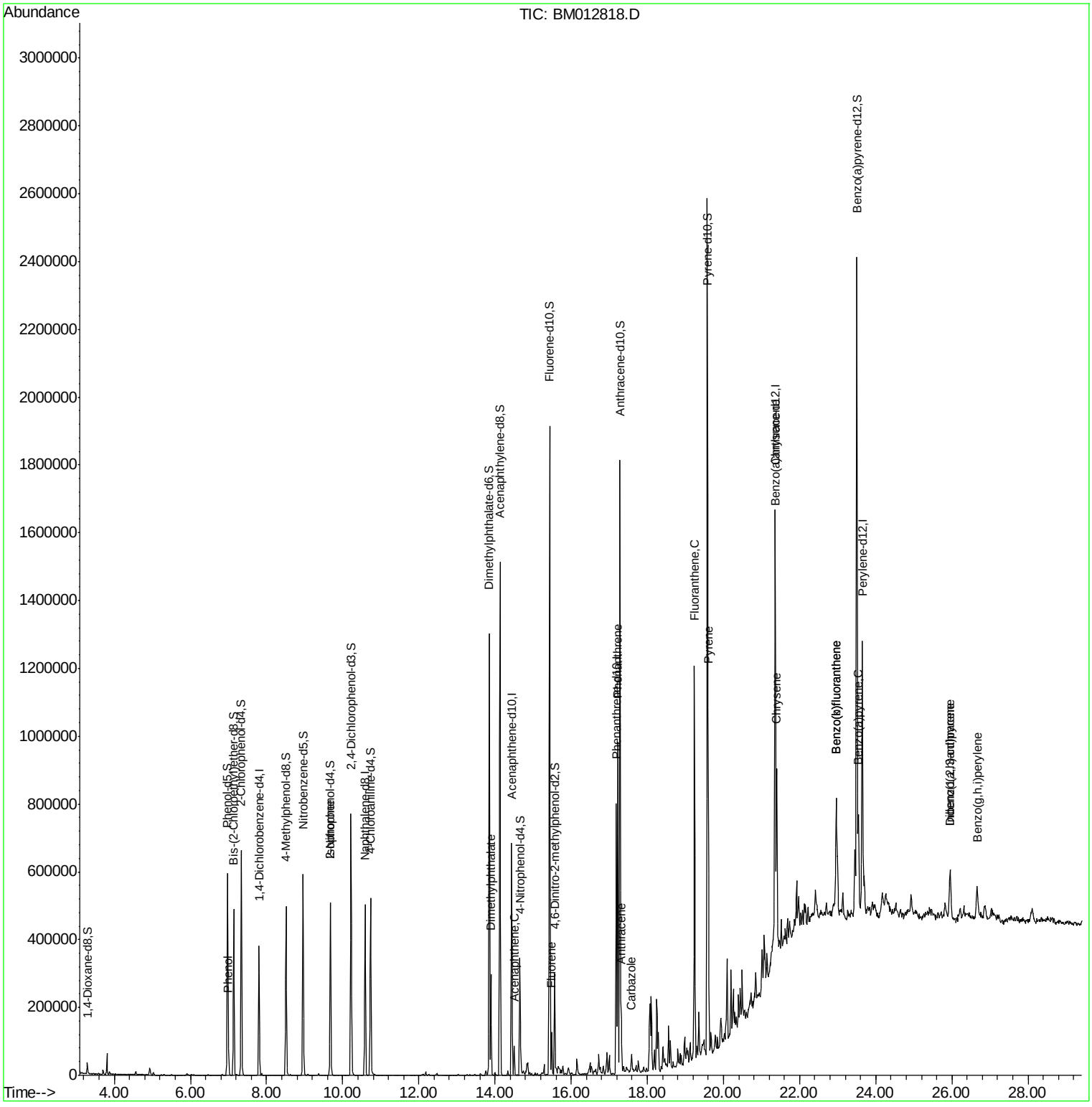
(#) = qualifier out of range (m) = manual integration (+) = signals summed

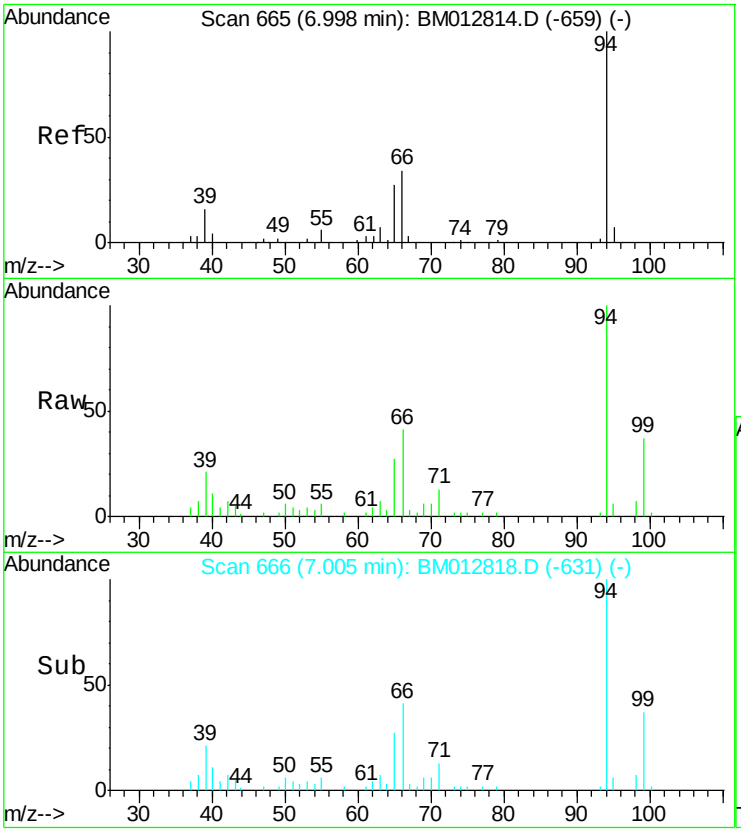
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012818.D
Acq On : 08 Nov 2017 13:23
Operator : SJ/JU
Sample : I5955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-71(3-5)-101617

Quant Time: Nov 09 01:32:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 01:31:40 2017
Response via : Initial Calibration



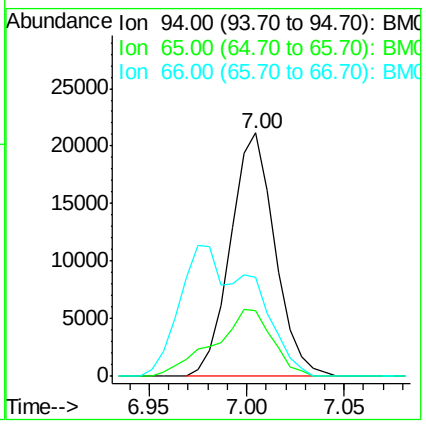


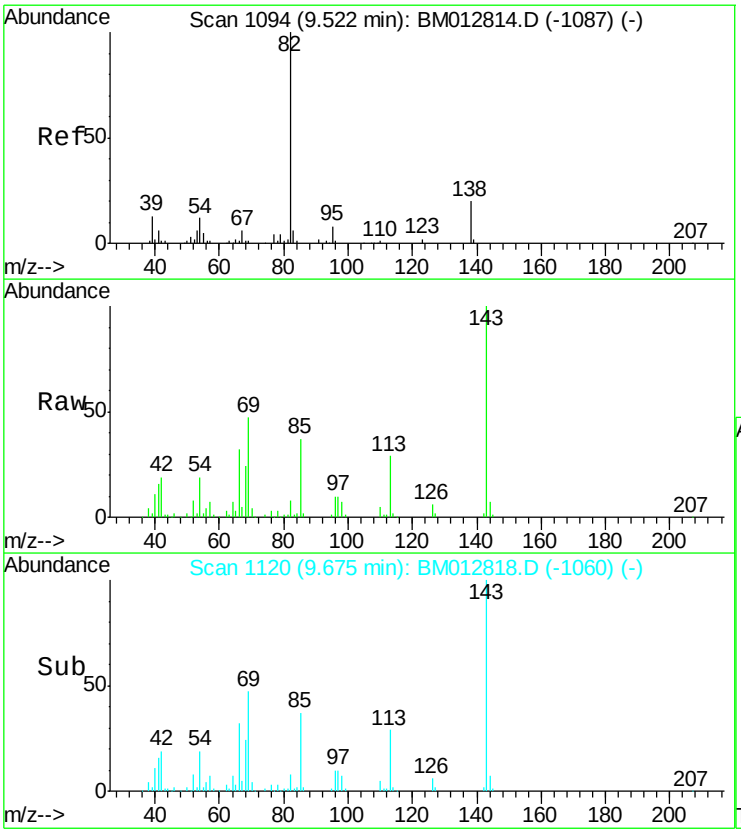
#6
Phenol
Concen: 4.07 ng/ul
RT: 7.00 min Scan# 666
Delta R.T. 0.01 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Instrument :
BNA_M
ClientSampleId :
B-71(3-5)-101617

Tgt Ion: 94 Resp: 33343

Ion	Ratio	Lower	Upper
94	100		
65	27.2	21.0	31.6
66	40.6	29.3	43.9

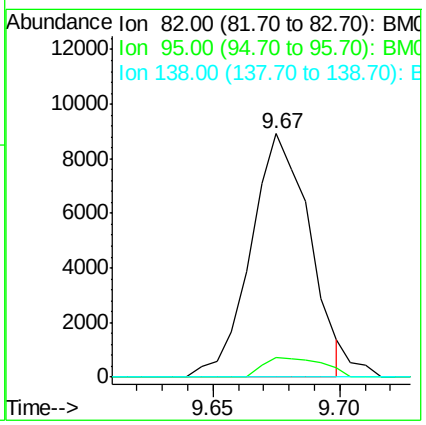


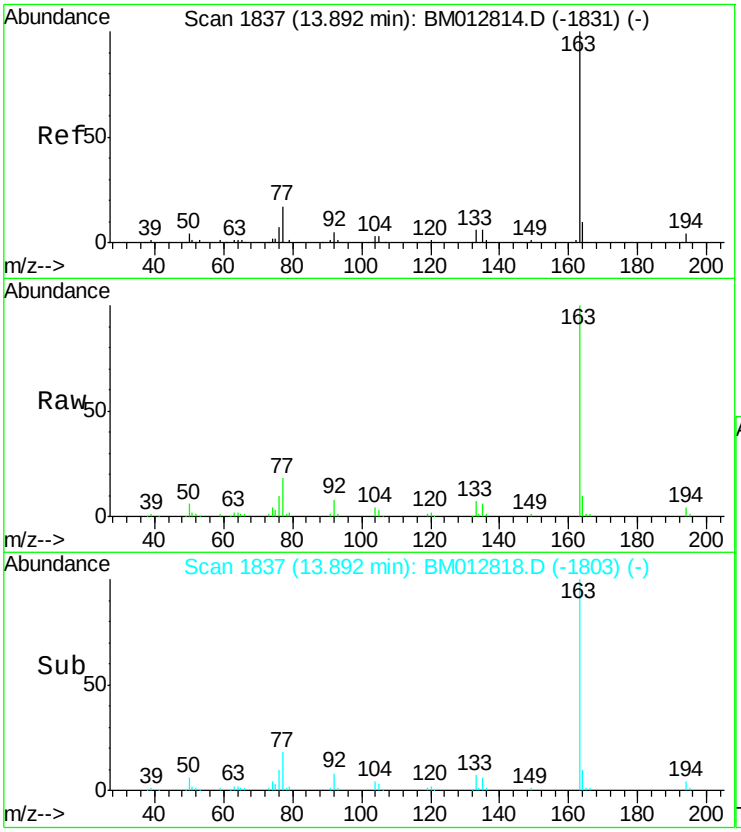


#21
Isophorone
Concen: 1.09 ng/ul
RT: 9.67 min Scan# 1120
Delta R.T. 0.15 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Tgt Ion: 82 Resp: 14395

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.4	9.6
138	0.0	14.9	22.3#



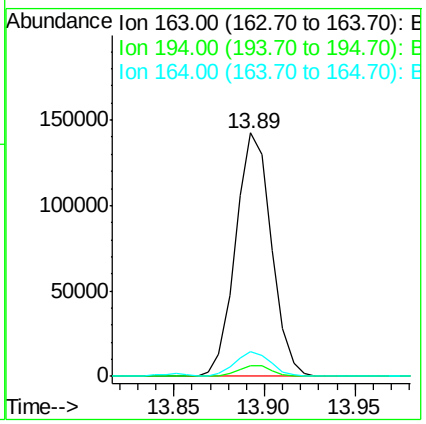


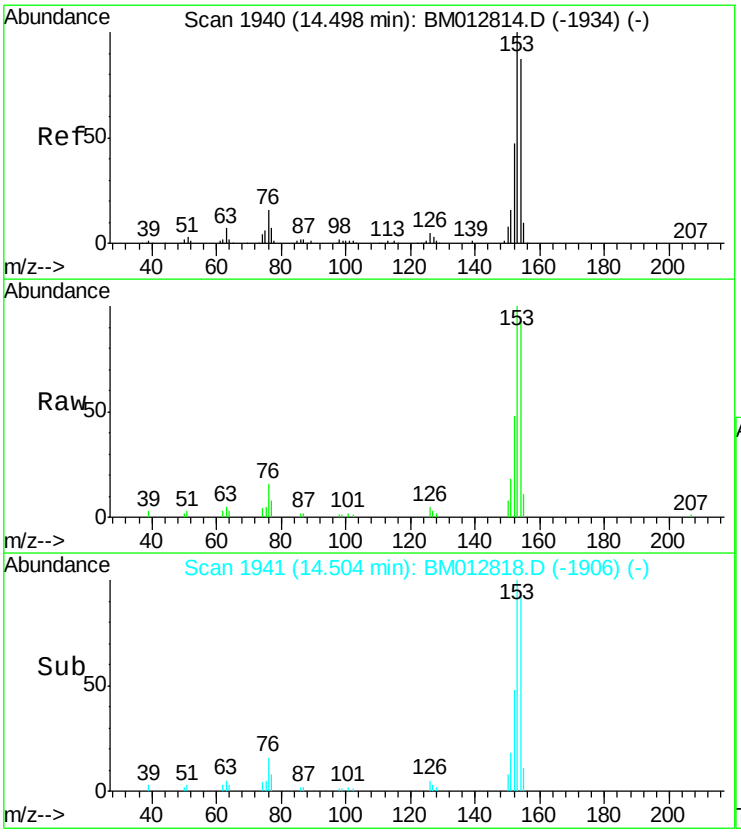
#44
Dimethylphthalate
Concen: 10.37 ng/ul
RT: 13.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Instrument :
BNA_M
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:163 Resp: 195008

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	10.0	7.8	11.8

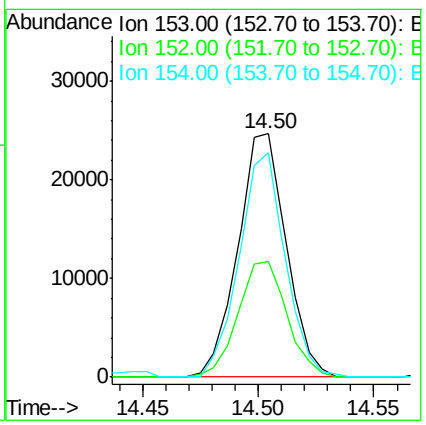


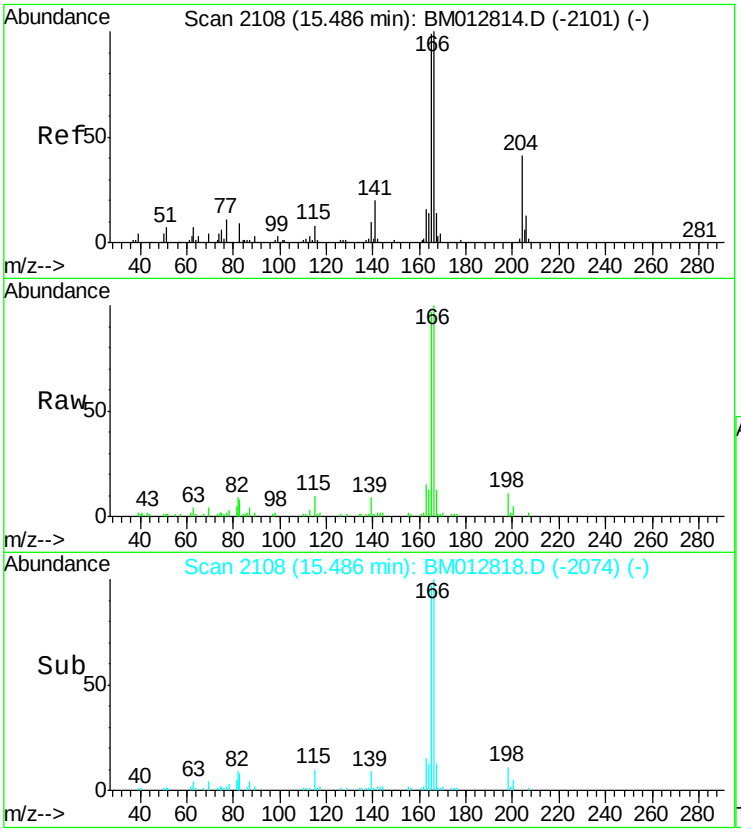


#49
Acenaphthene
Concen: 2.34 ng/ul
RT: 14.50 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Tgt Ion:153 Resp: 36142

Ion	Ratio	Lower	Upper
153	100		
152	47.6	38.3	57.5
154	92.3	71.8	107.8



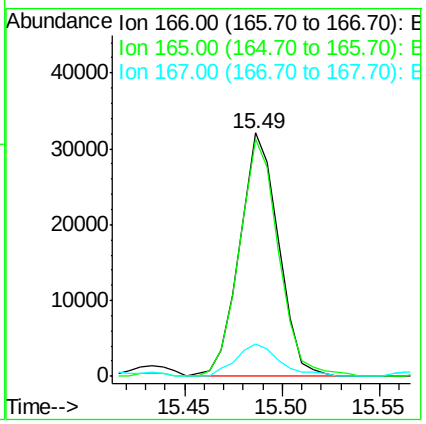


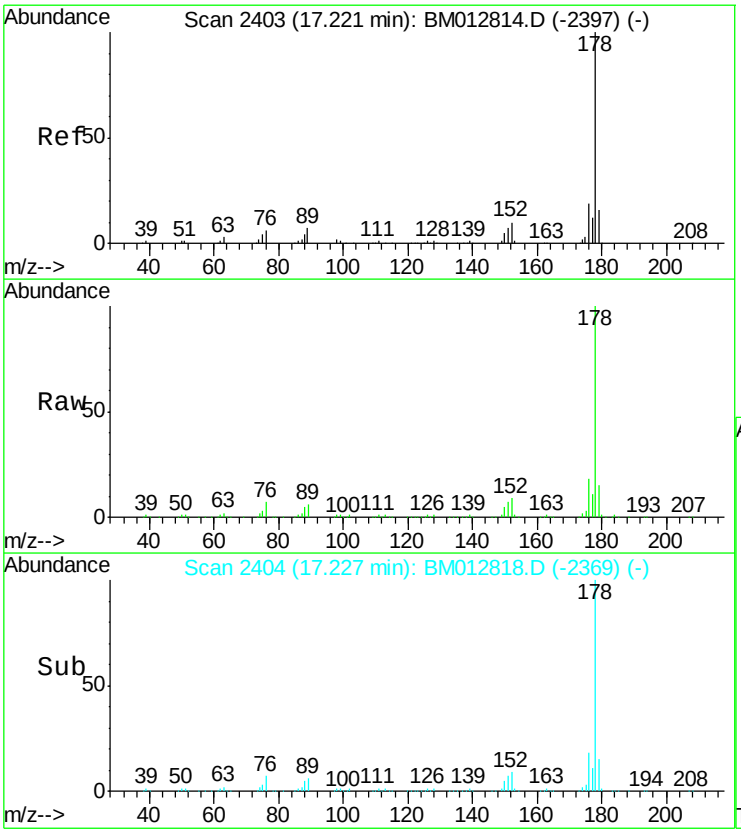
#58
Fluorene
Concen: 2.36 ng/ul
RT: 15.49 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Instrument :
BNA_M
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:166 Resp: 44338

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.5	117.7
167	13.3	10.7	16.1

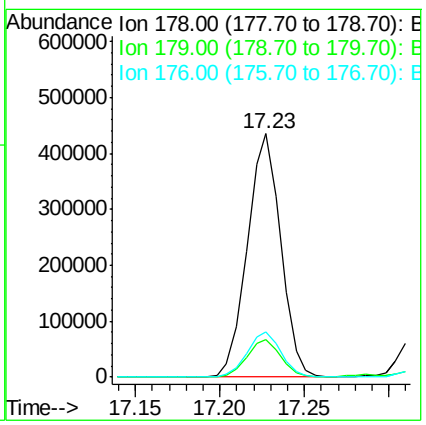


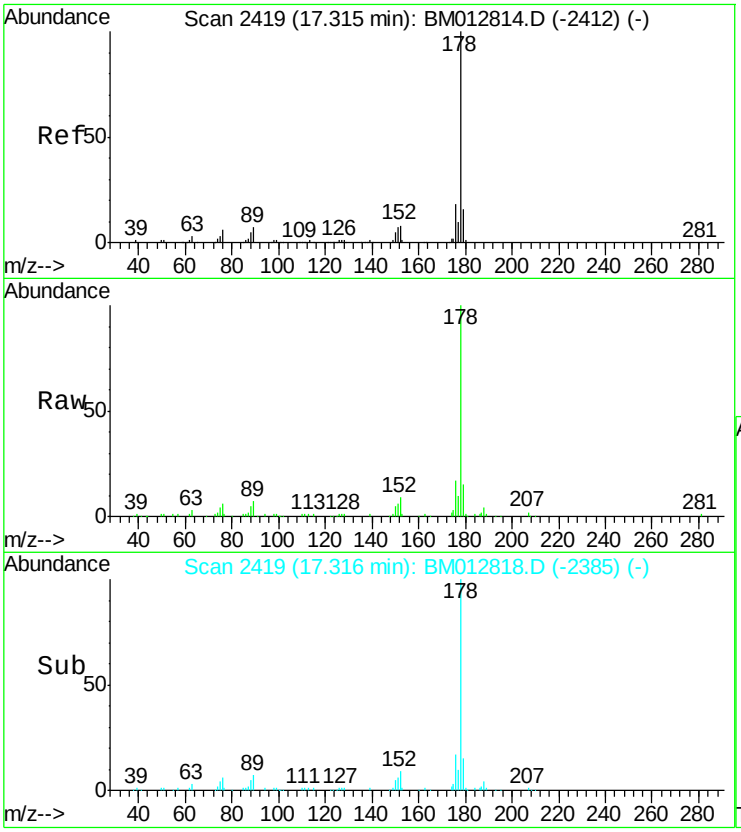


#69
Phenanthrene
Concen: 23.47 ng/ul
RT: 17.23 min Scan# 2404
Delta R.T. 0.01 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Tgt Ion:178 Resp: 598406

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.4	15.6	23.4



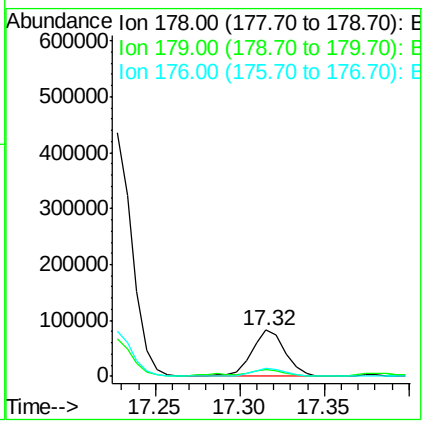


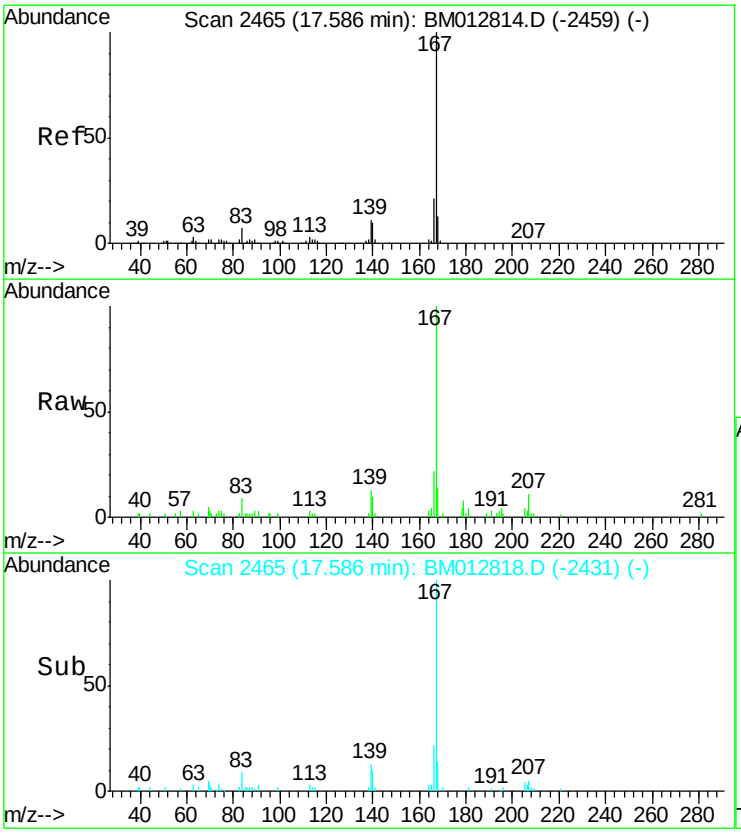
#71
Anthracene
Concen: 4.28 ng/ul
RT: 17.32 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Instrument :
BNA_M
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:178 Resp: 113219

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	17.2	14.8	22.2

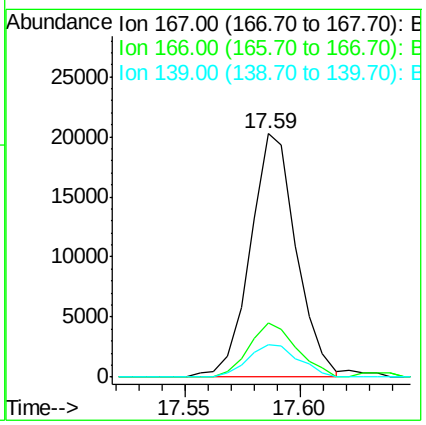


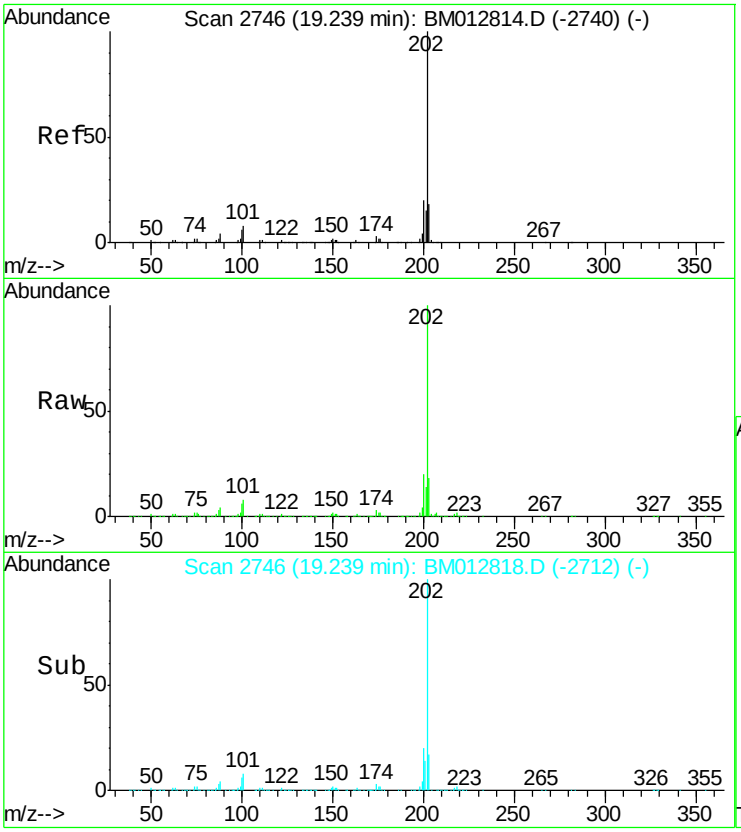


#74
Carbazole
Concen: 1.28 ng/ul
RT: 17.59 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Tgt Ion:167 Resp: 28125

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.0	25.6
139	13.3	11.0	16.4



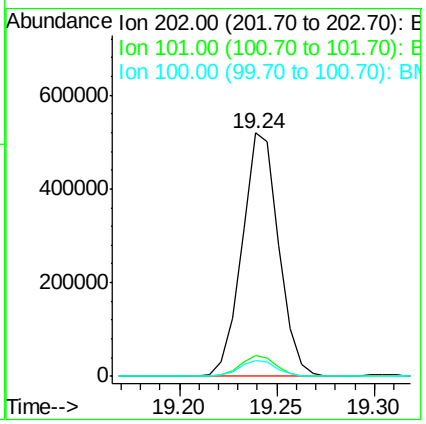


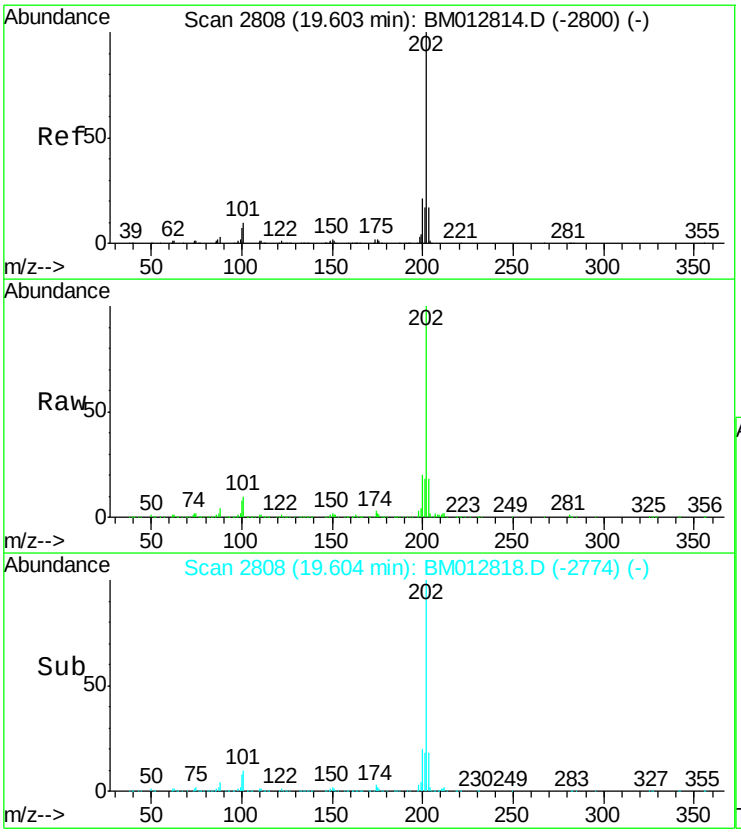
#76
Fluoranthene
Concen: 21.97 ng/ul
RT: 19.24 min Scan# 2746
Delta R.T. 0.00 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Instrument :
BNA_M
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:202 Resp: 673182

Ion	Ratio	Lower	Upper
202	100		
101	8.4	8.8	13.2#
100	6.4	6.6	9.8#

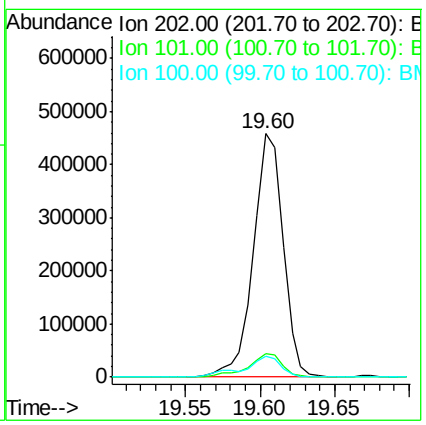


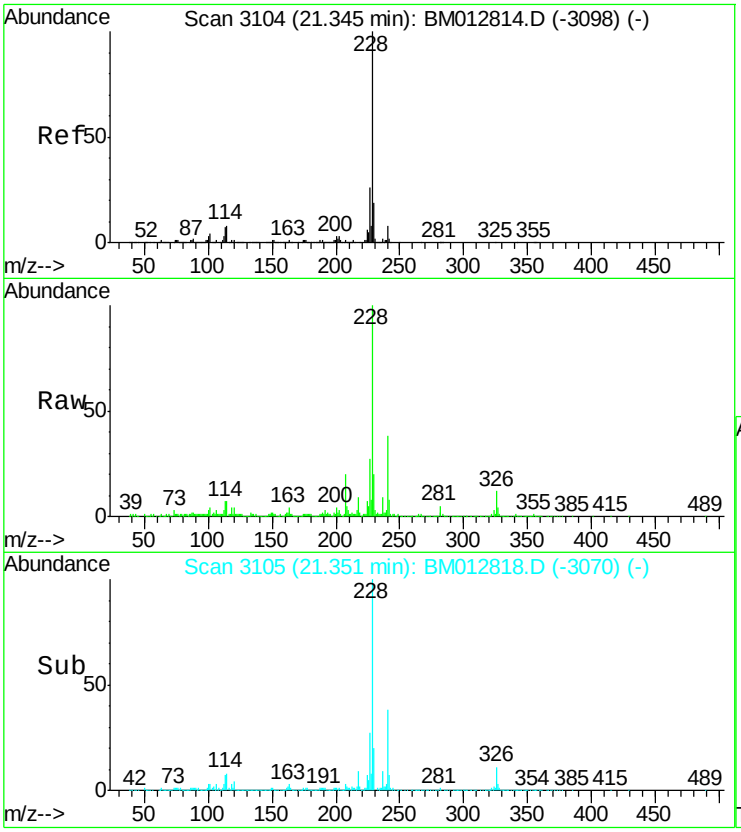


#79
Pyrene
Concen: 20.71 ng/ul
RT: 19.60 min Scan# 2808
Delta R.T. 0.00 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Tgt Ion:202 Resp: 630364

Ion	Ratio	Lower	Upper
202	100		
101	9.5	10.2	15.2#
100	8.4	8.5	12.7#



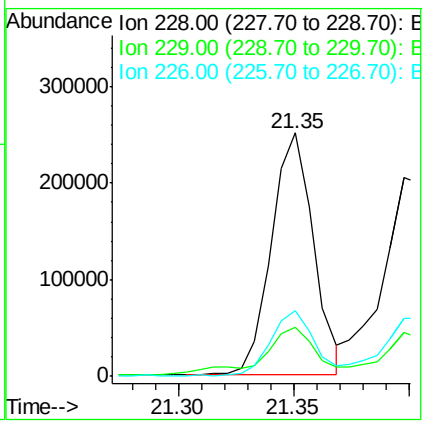


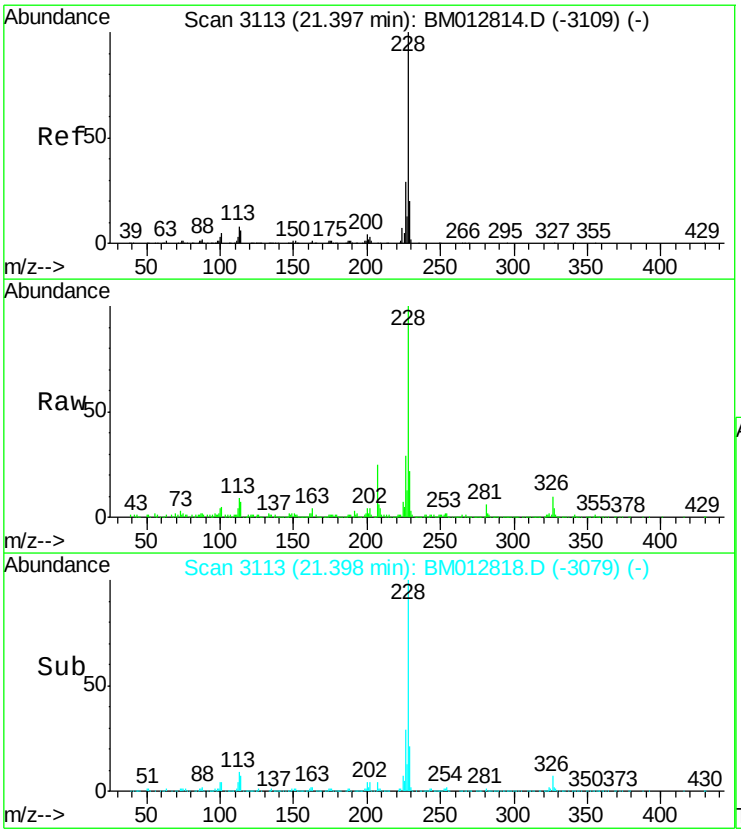
#82
Benzo(a)anthracene
Concen: 10.23 ng/ul
RT: 21.35 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Instrument :
BNA_M
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:228 Resp: 315701

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	26.9	21.8	32.6

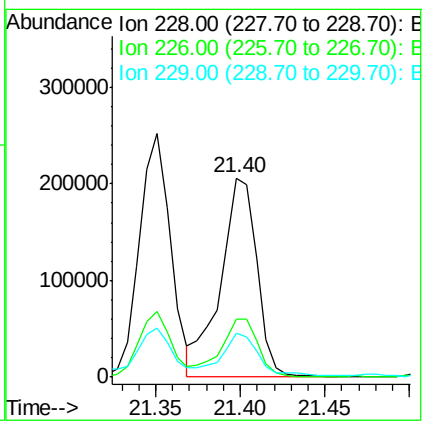


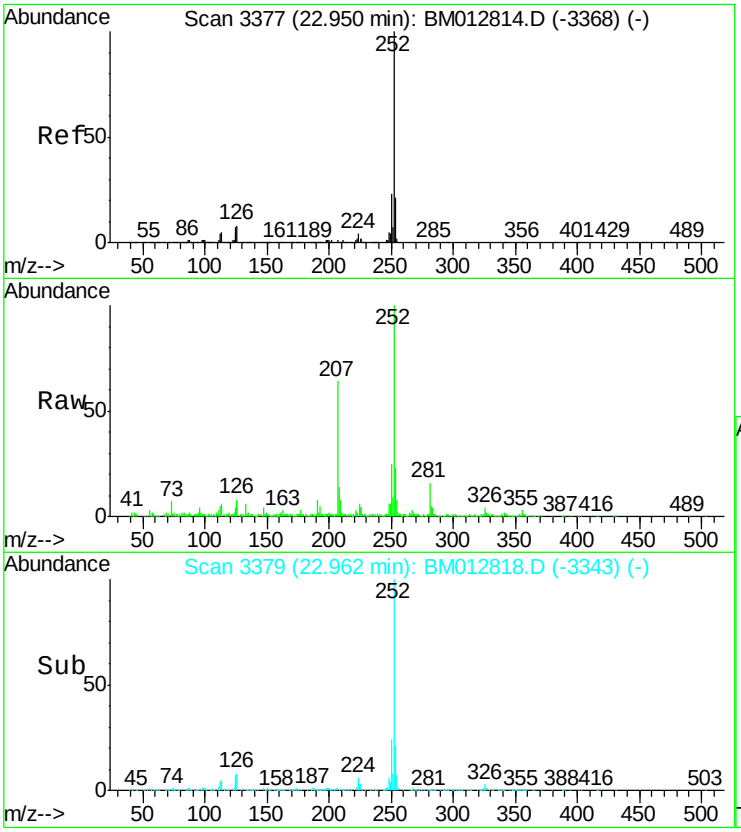


#84
Chrysene
Concen: 10.89 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Tgt Ion:228 Resp: 304587

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	21.8	15.6	23.4



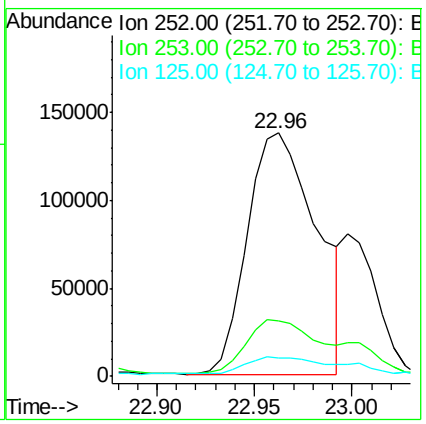


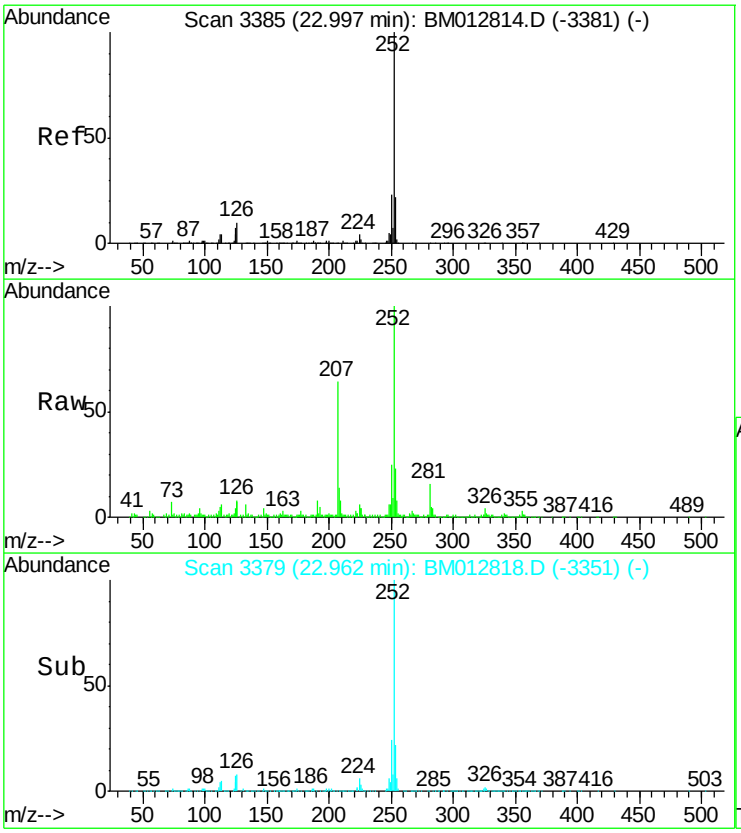
#87
Benzo(b)fluoranthene
Concen: 9.60 ng/ul
RT: 22.96 min Scan# 3379
Delta R.T. 0.01 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Instrument :
BNA_M
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:252 Resp: 337805

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	7.4	8.5	12.7#

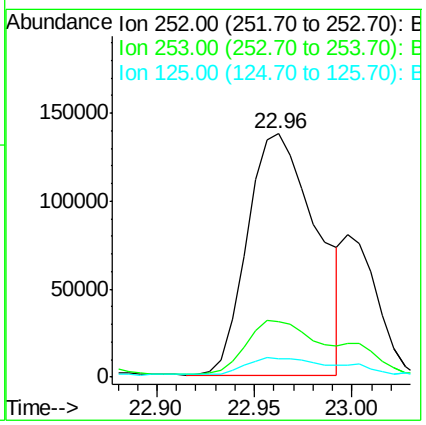


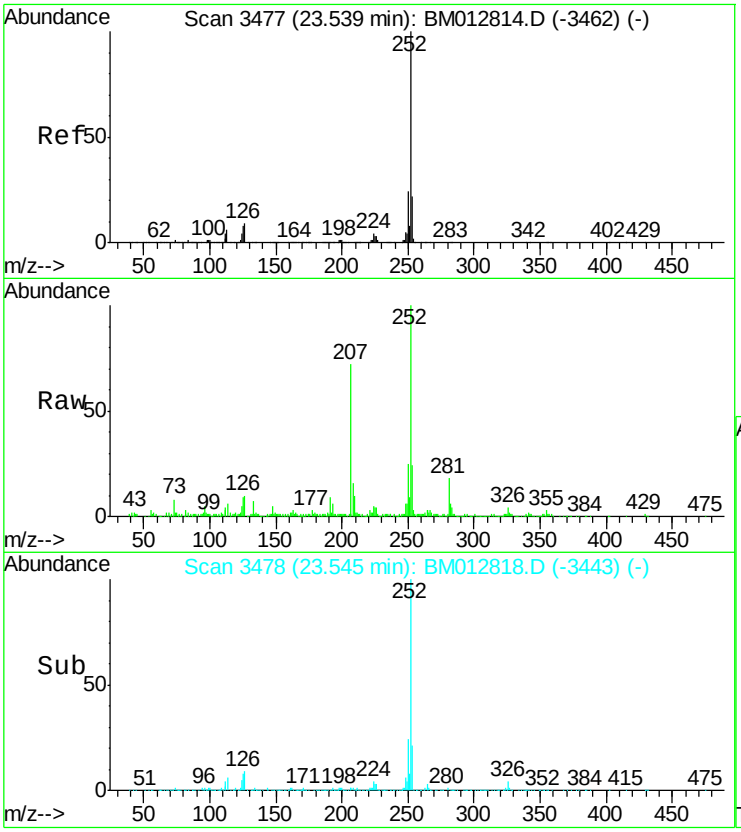


#88
Benzo(k)fluoranthene
Concen: 10.10 ng/ul
RT: 22.96 min Scan# 3379
Delta R.T. -0.04 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Tgt Ion:252 Resp: 337805

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	7.4	8.2	12.2#



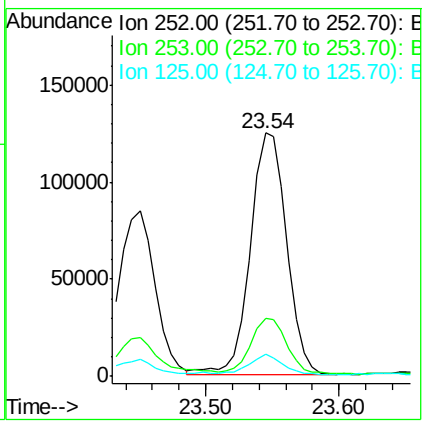


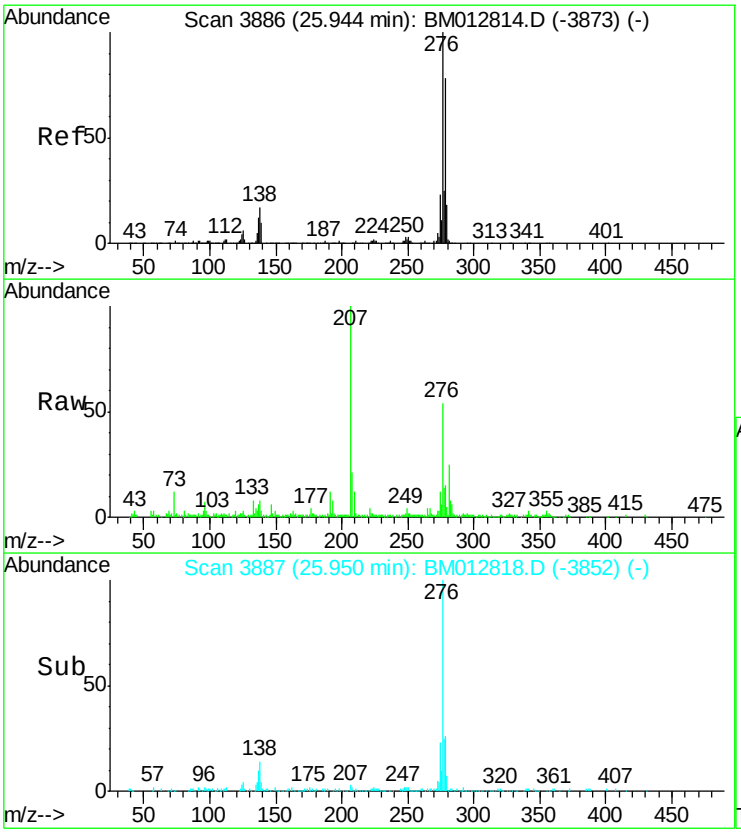
#90
Benzo(a)pyrene
Concen: 6.99 ng/ul
RT: 23.54 min Scan# 3478
Delta R.T. 0.01 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Instrument :
BNA_M
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:252 Resp: 233951

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	9.2	9.0	13.6

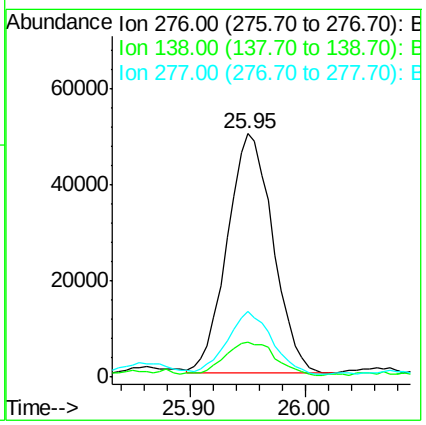


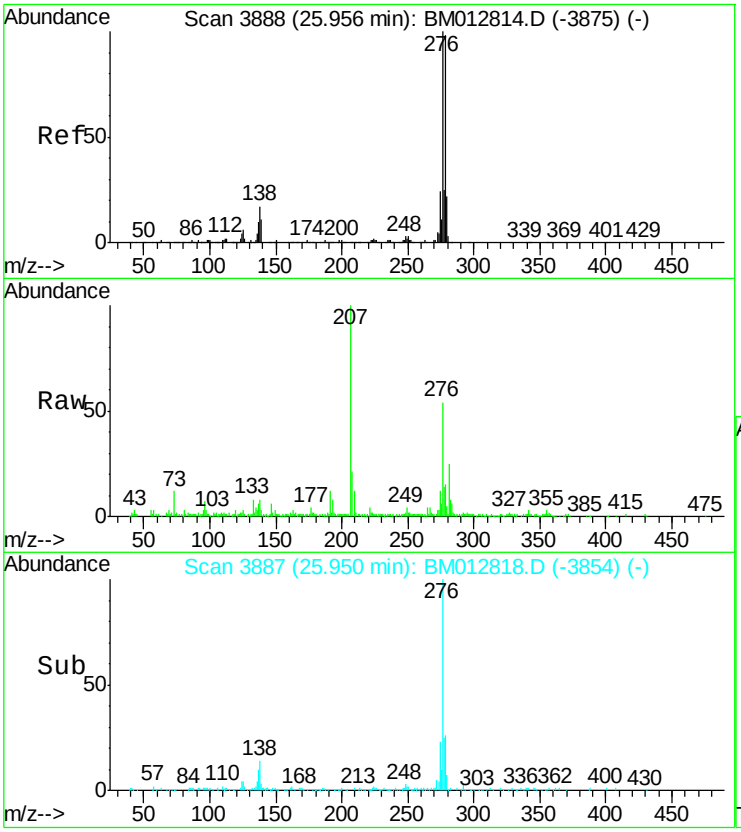


#91
Indeno(1,2,3-cd)pyrene
Concen: 3.41 ng/ul
RT: 25.95 min Scan# 3887
Delta R.T. 0.01 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Tgt Ion:276 Resp: 137524

Ion	Ratio	Lower	Upper
276	100		
138	14.3	22.3	33.5#
277	26.8	20.2	30.2



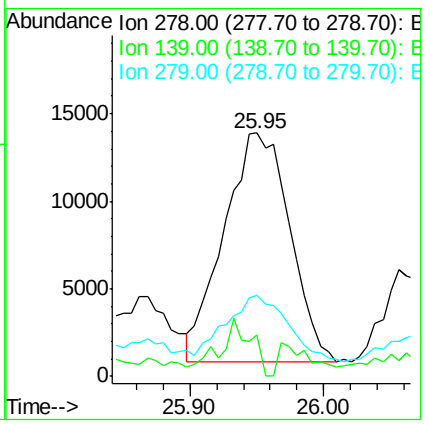


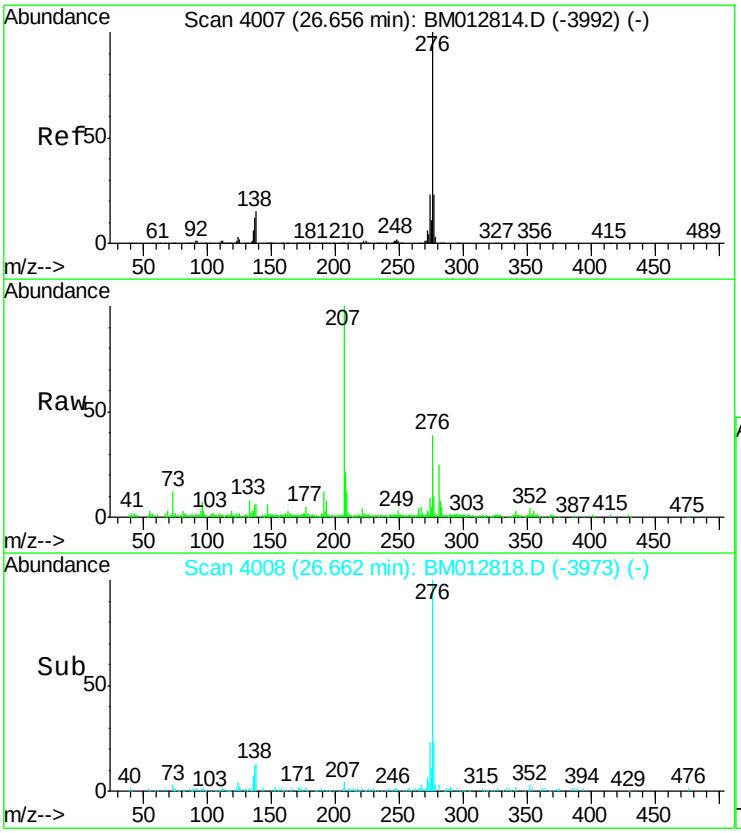
#92
Dibenzo(a,h)anthracene
Concen: 1.31 ng/ul
RT: 25.95 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Instrument :
BNA_M
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:278 Resp: 44720

Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.9	20.9
279	33.3	19.0	28.4#





#93
Benzo(g,h,i)perylene
Concen: 3.56 ng/ul
RT: 26.66 min Scan# 4008
Delta R.T. 0.01 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Tgt Ion:276 Resp: 118296

Ion	Ratio	Lower	Upper
276	100		
138	14.2	18.9	28.3#
277	24.6	19.2	28.8