Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
Data File : BM012035.D
Acq On : 10 Oct 2017 04:40
Operator : SJ/JU
Sample : I5533-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-1

Quant Time: Oct 10 07:36:43 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 02:27:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	303329	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1321761	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	807678	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1933421	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2339169	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2036669	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	24192	3.77	ng/uL	0.00
5) Phenol-d5	7.00	99	499546	19.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	315503	20.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	436395	20.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	390084	17.29	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	210219	22.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	241286	22.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	466926	21.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	461242	19.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1589190	22.70	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1940909	23.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	152607	12.48	ng/ul	0.00
57) Fluorene-d10	15.49	176	1405022	22.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	180101	13.84	ng/ul	0.00
70) Anthracene-d10	17.33	188	2207516	23.17	ng/ul	0.00
76) Pyrene-d10	19.63	212	2644280	25.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2295255	23.43	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.03	94	53029	2.053	ng/ul#	86
44) Dimethylphthalate	13.95	163	354245	5.260	ng/ul	99
49) Acenaphthene	14.56	153	94450	1.711	ng/ul	98
58) Fluorene	15.54	166	98574	1.474	ng/ul	99
69) Phenanthrene	17.28	178	2573799	24.201	ng/ul	99
71) Anthracene	17.37	178	588059	5.434	ng/ul	98
72) Carbazole	17.64	167	101137	1.079	ng/ul	99
74) Fluoranthene	19.30	202	5056675	38.969	ng/ul#	91
77) Pyrene	19.66	202	4620626	35.625	ng/ul#	88
80) Benzo(a)anthracene	21.40	228	2662788	19.871	ng/ul	97
82) Chrysene	21.45	228	2295691	18.030	ng/ul	97
85) Benzo(b)fluoranthene	23.03	252	2744636	22.171	ng/ul#	97
86) Benzo(k)fluoranthene	23.03	252	2744636	22.207	ng/ul#	95
88) Benzo(a)pyrene	23.63	252	1863778	15.668	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.10	276	1027111	8.069	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.09	278	251439	2.404	ng/ul#	86
91) Benzo(g,h,i)perylene	26.82	276	868457	8.248	ng/ul#	94

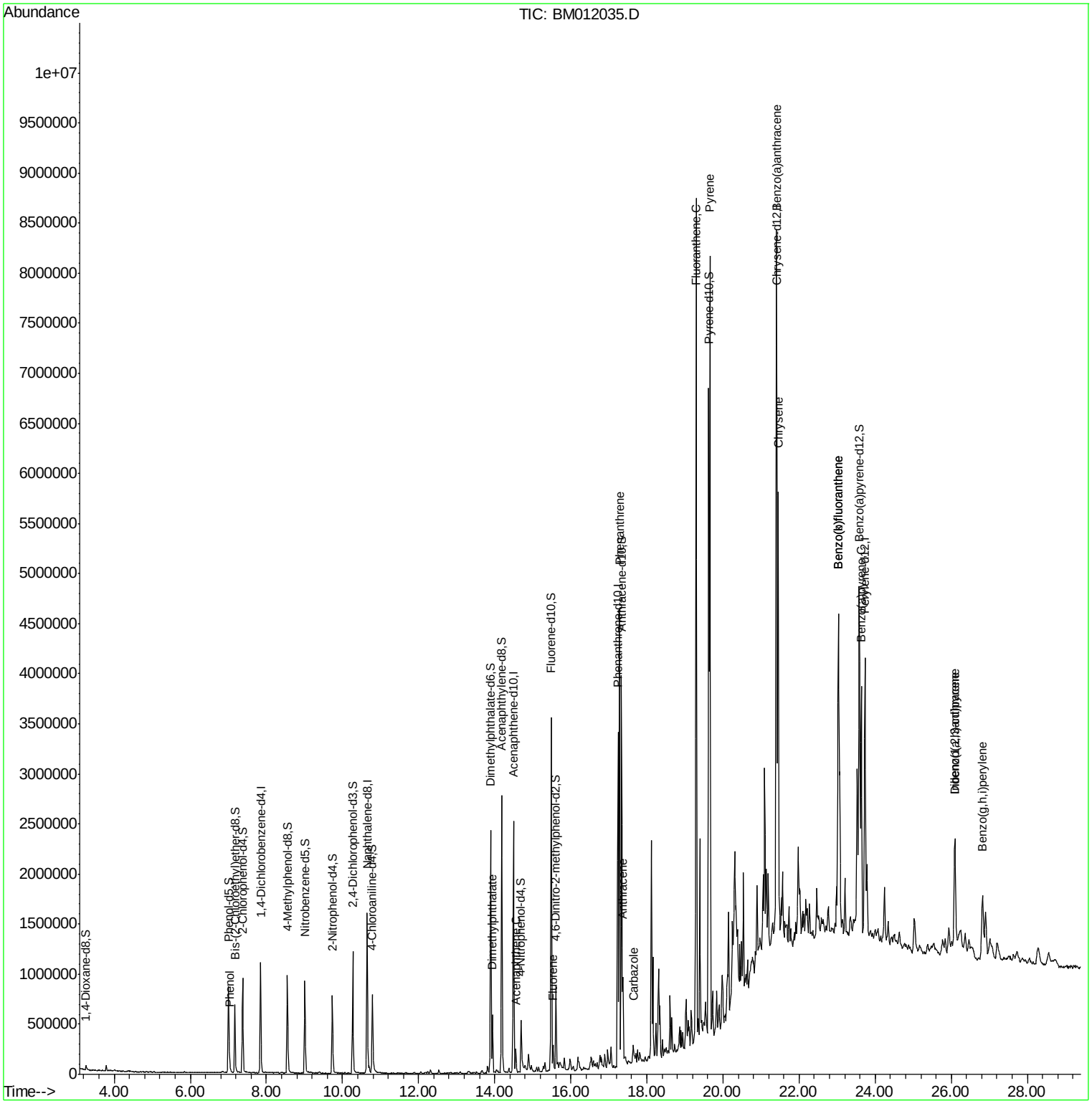
(#) = qualifier out of range (m) = manual integration (+) = signals summed

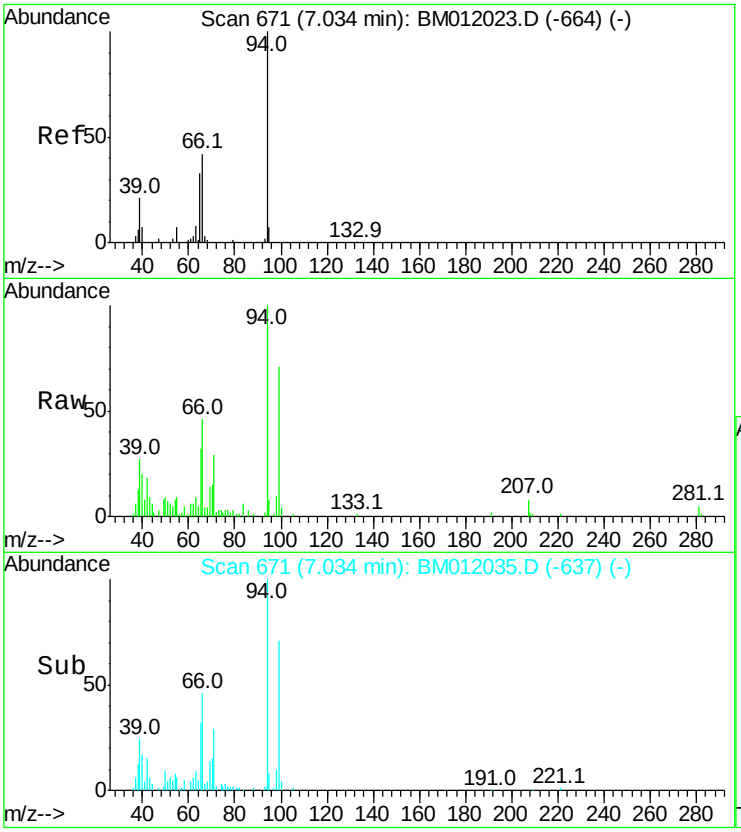
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
Data File : BM012035.D
Acq On : 10 Oct 2017 04:40
Operator : SJ/JU
Sample : I5533-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DUP-1

Quant Time: Oct 10 07:36:43 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 02:27:01 2017
Response via : Initial Calibration



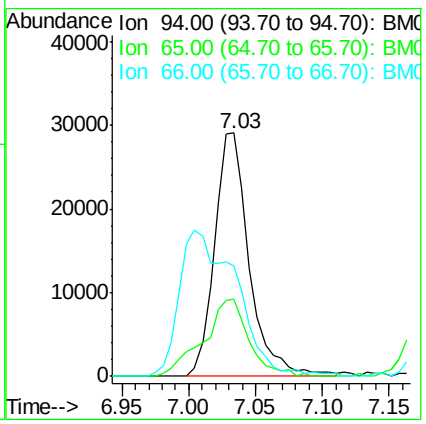


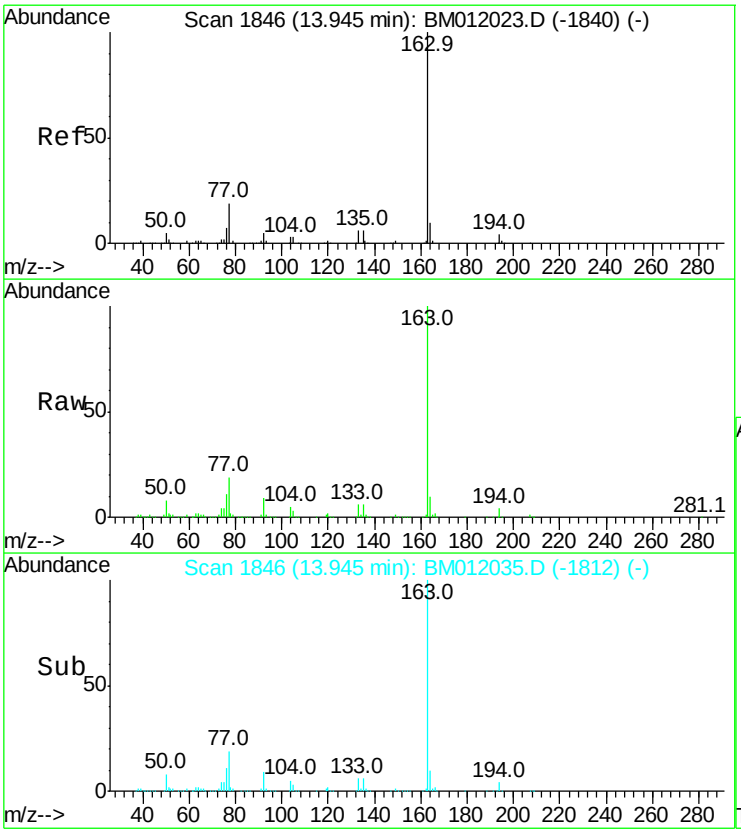
#6
Phenol
Concen: 2.053 ng/ul
RT: 7.03 min Scan# 671
Delta R.T. 0.00 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Instrument :
BNA_M
ClientSampleId :
DUP-1

Tgt Ion: 94 Resp: 53029

Ion	Ratio	Lower	Upper
94	100		
65	31.8	28.2	42.4
66	45.5	47.2	70.8#

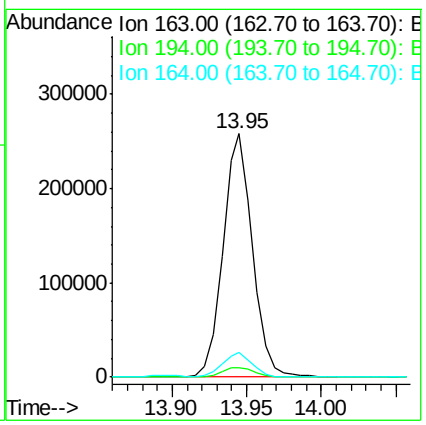


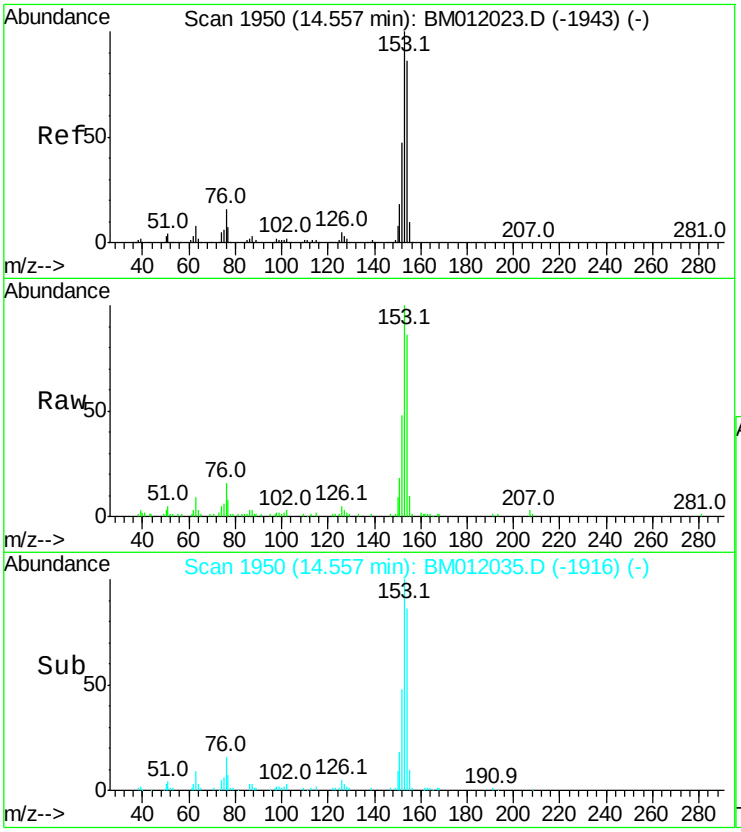


#44
Dimethylphthalate
Concen: 5.260 ng/ul
RT: 13.95 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Tgt Ion:163 Resp: 354245

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	10.0	8.2	12.4



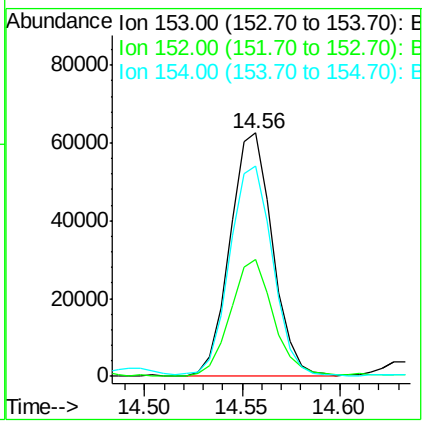


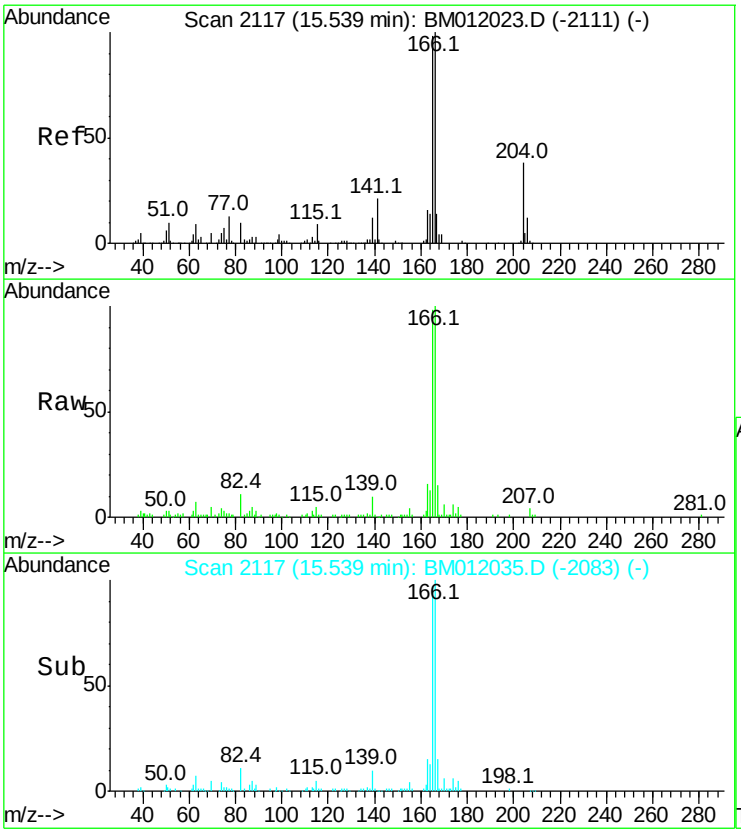
#49
Acenaphthene
Concen: 1.711 ng/ul
RT: 14.56 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Instrument :
BNA_M
ClientSampleId :
DUP-1

Tgt Ion:153 Resp: 94450

Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.6	56.4
154	86.2	70.4	105.6

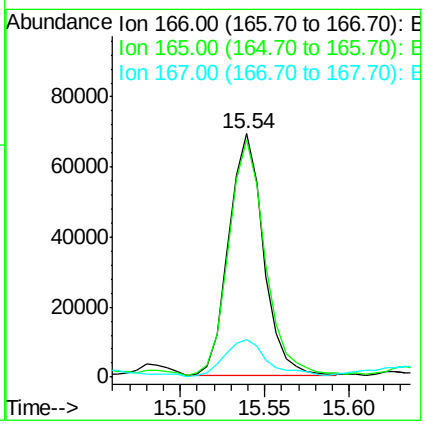


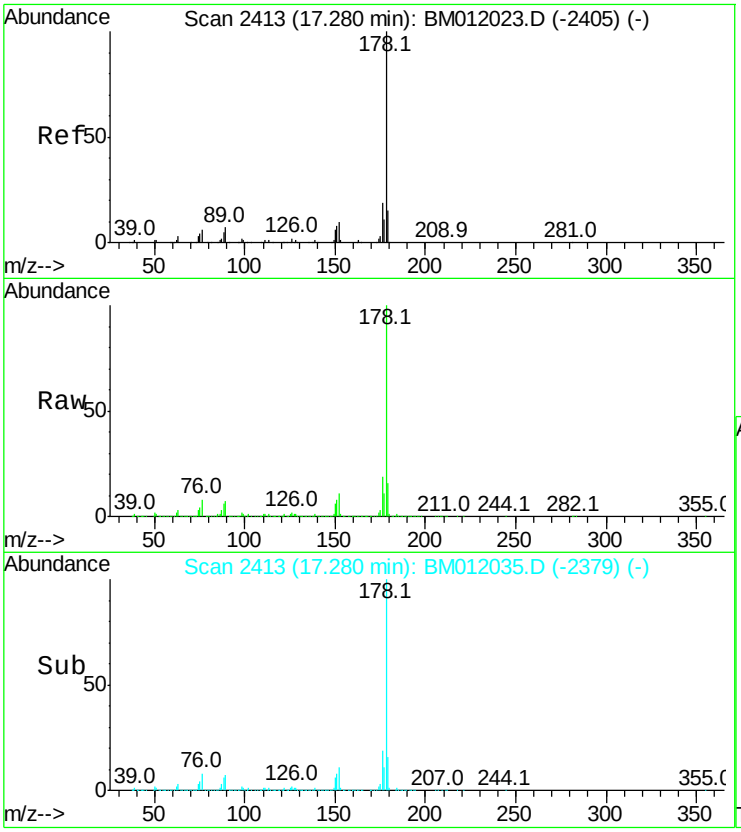


#58
Fluorene
Concen: 1.474 ng/ul
RT: 15.54 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Tgt Ion:166 Resp: 98574

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.9	116.9
167	15.3	10.6	16.0



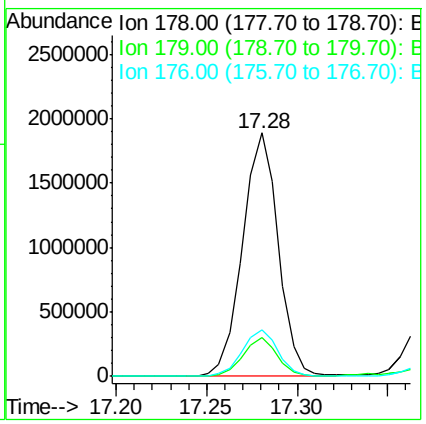


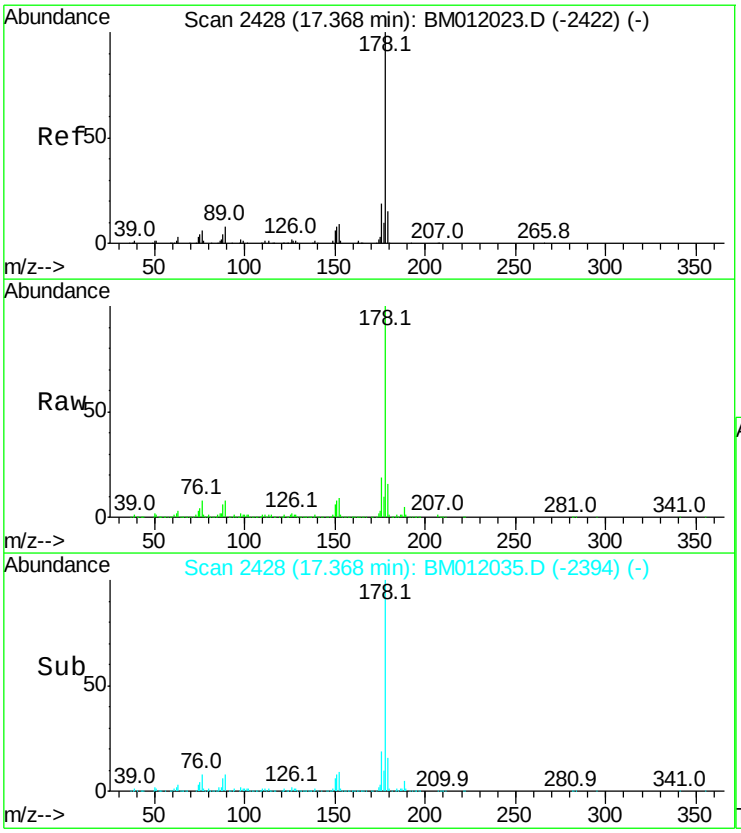
#69
Phenanthrene
Concen: 24.201 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Instrument :
BNA_M
ClientSampleId :
DUP-1

Tgt Ion:178 Resp: 2573799

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

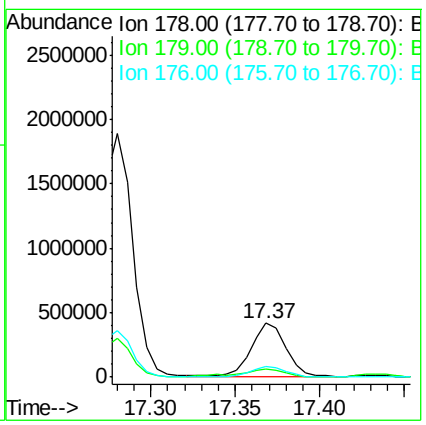


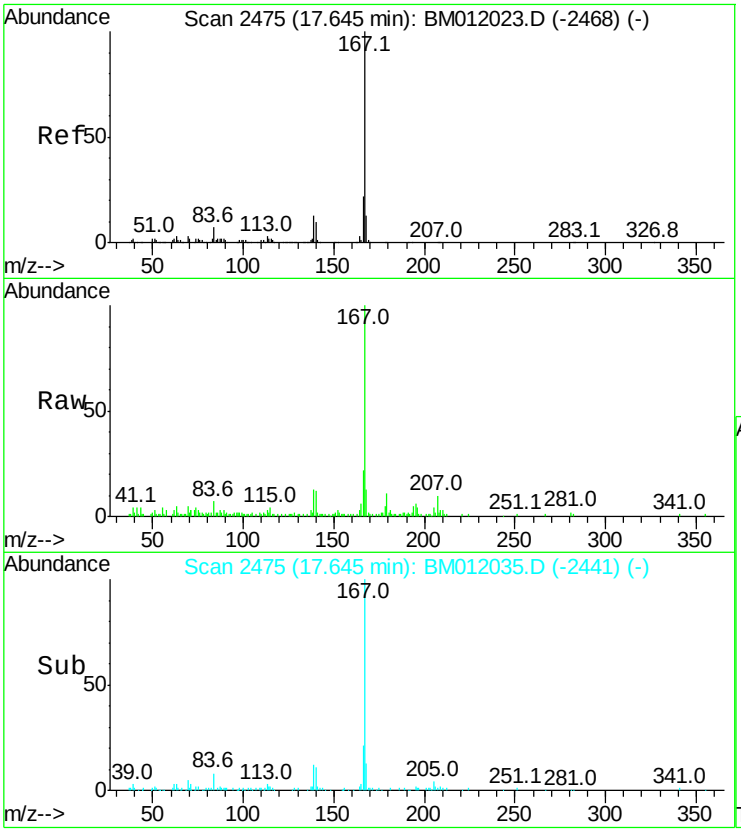


#71
Anthracene
Concen: 5.434 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Tgt Ion:178 Resp: 588059

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.7	17.5
176	18.6	14.6	21.8



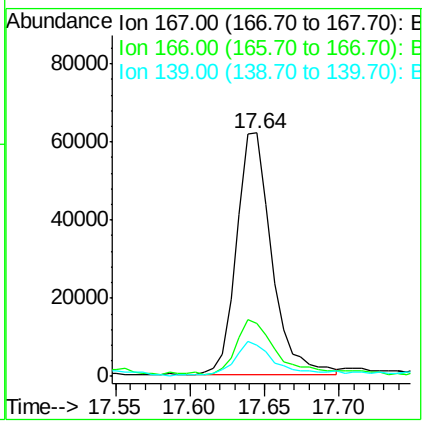


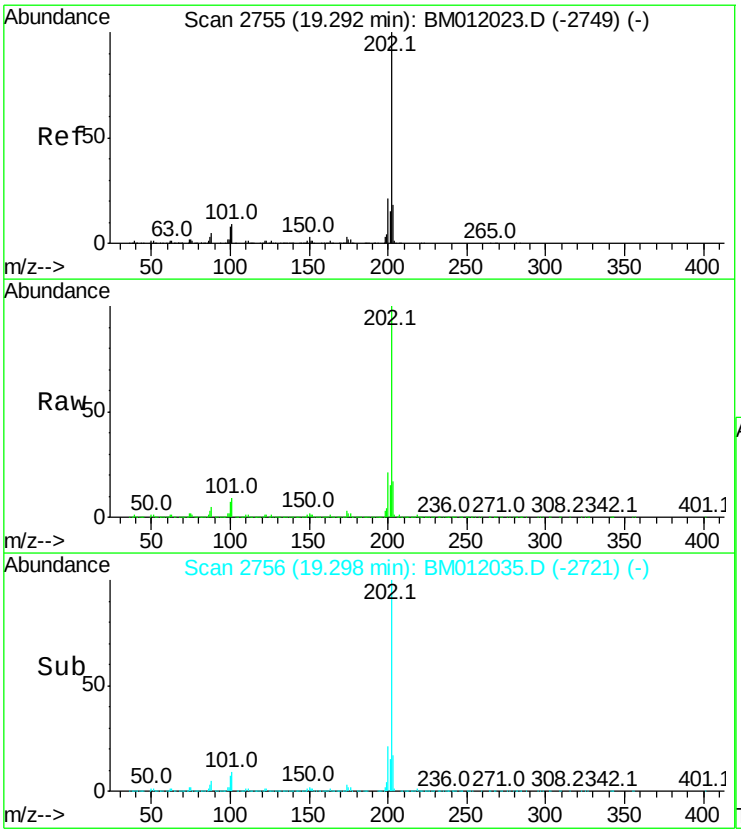
#72
Carbazole
Concen: 1.079 ng/ul
RT: 17.64 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Instrument :
BNA_M
ClientSampleId :
DUP-1

Tgt Ion:167 Resp: 101137

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	12.6	10.0	15.0

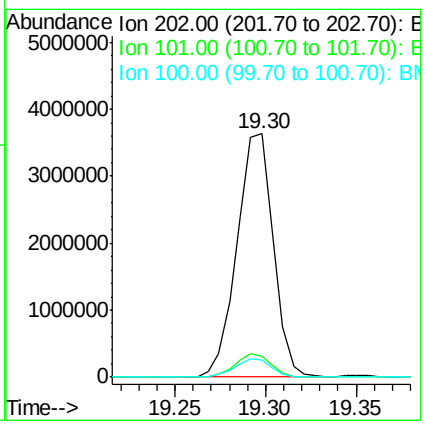


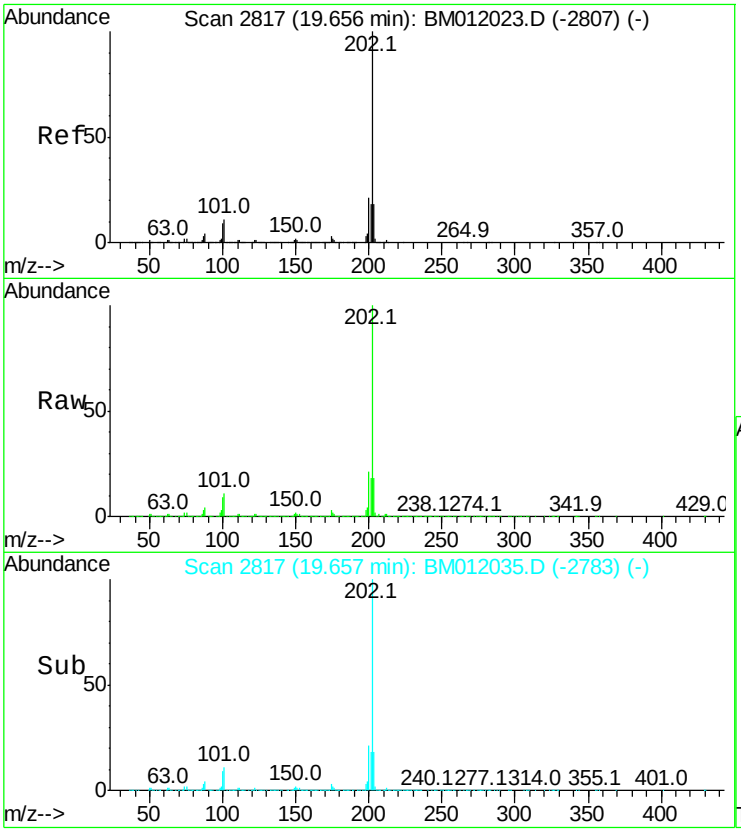


#74
Fluoranthene
Concen: 38.969 ng/ul
RT: 19.30 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Tgt Ion:202 Resp: 5056675

Ion	Ratio	Lower	Upper
202	100		
101	8.8	4.6	7.0#
100	6.9	3.4	5.2#



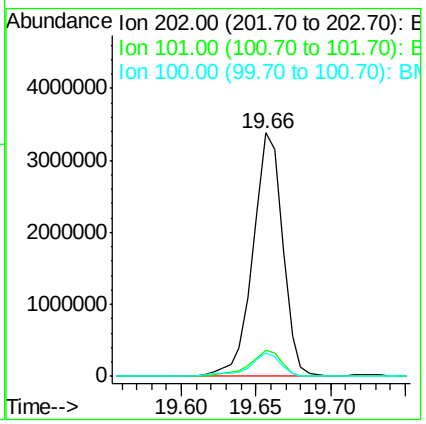


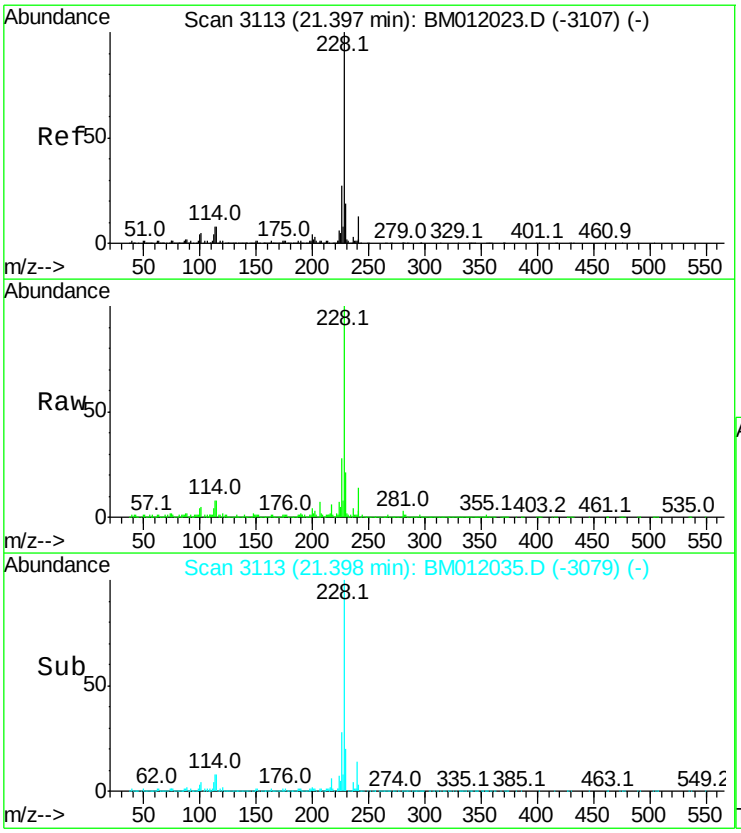
#77
Pyrene
Concen: 35.625 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Instrument :
BNA_M
ClientSampleId :
DUP-1

Tgt Ion:202 Resp: 4620626

Ion	Ratio	Lower	Upper
202	100		
101	10.9	5.1	7.7#
100	9.4	4.9	7.3#

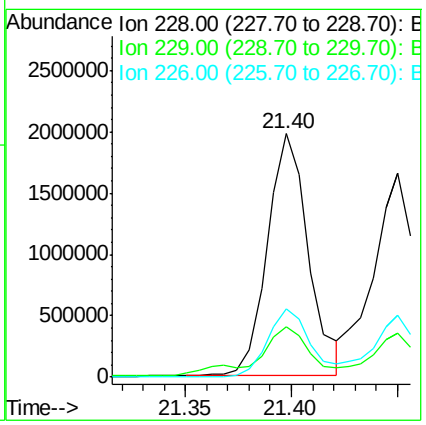


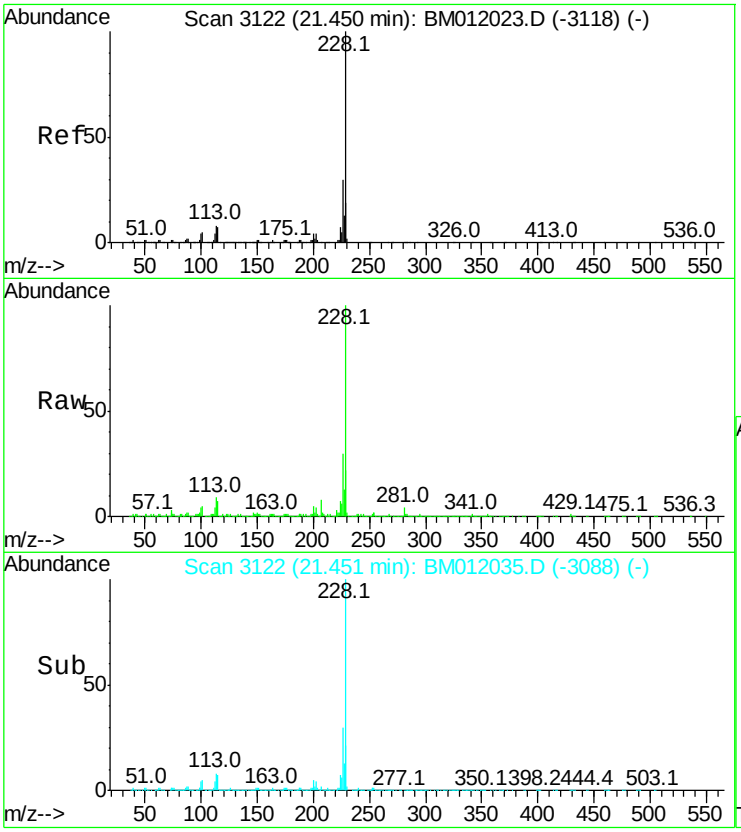


#80
Benzo(a)anthracene
Concen: 19.871 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Tgt Ion:228 Resp: 2662788

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	27.8	21.4	32.0



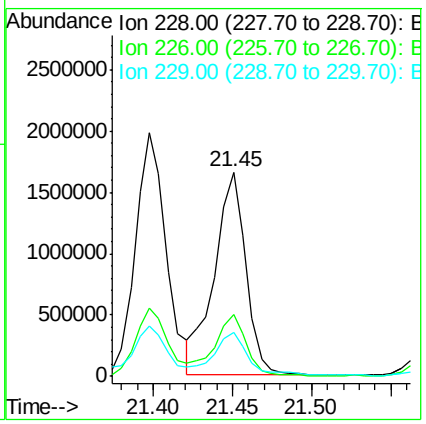


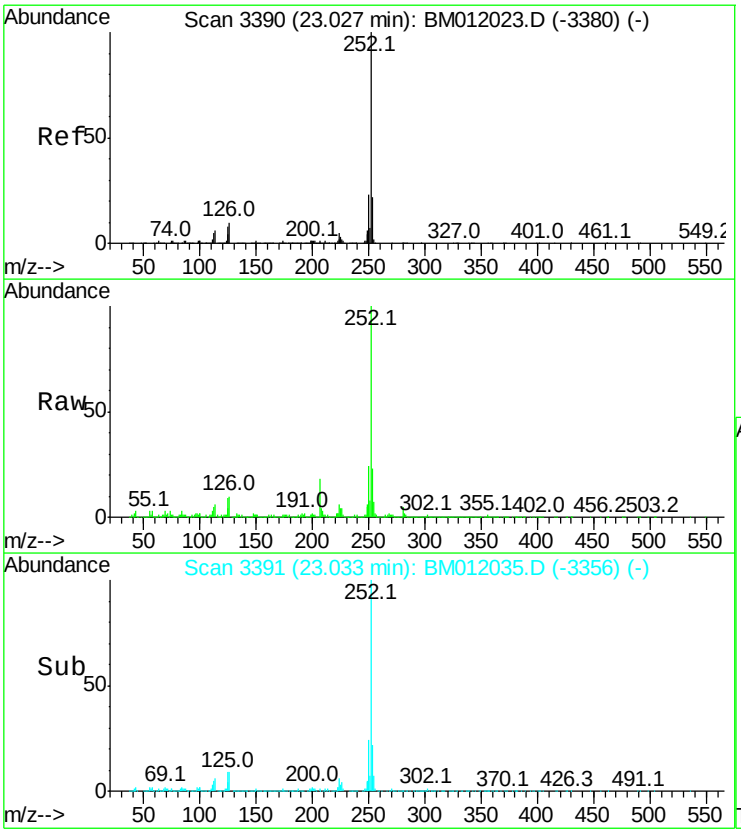
#82
Chrysene
Concen: 18.030 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Instrument :
BNA_M
ClientSampleId :
DUP-1

Tgt Ion:228 Resp: 2295691

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	21.7	15.5	23.3

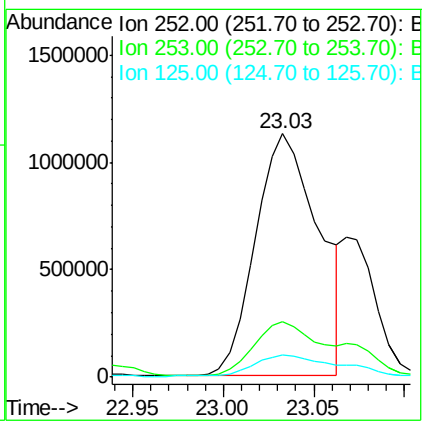


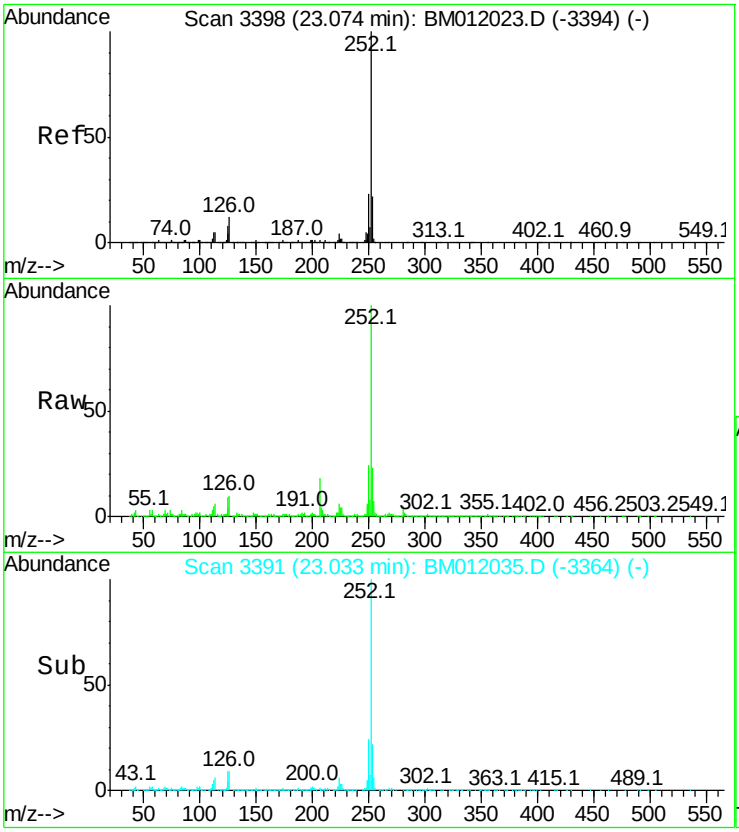


#85
Benzo(b)fluoranthene
Concen: 22.171 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Tgt Ion:252 Resp: 2744636

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	9.0	3.6	5.4#



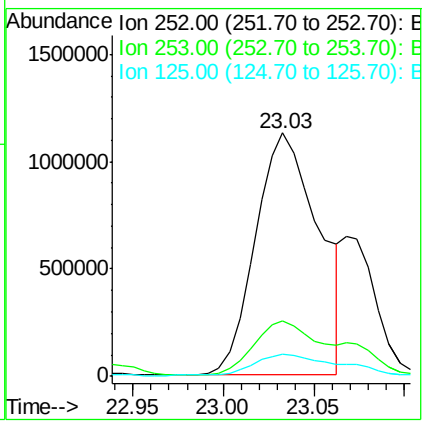


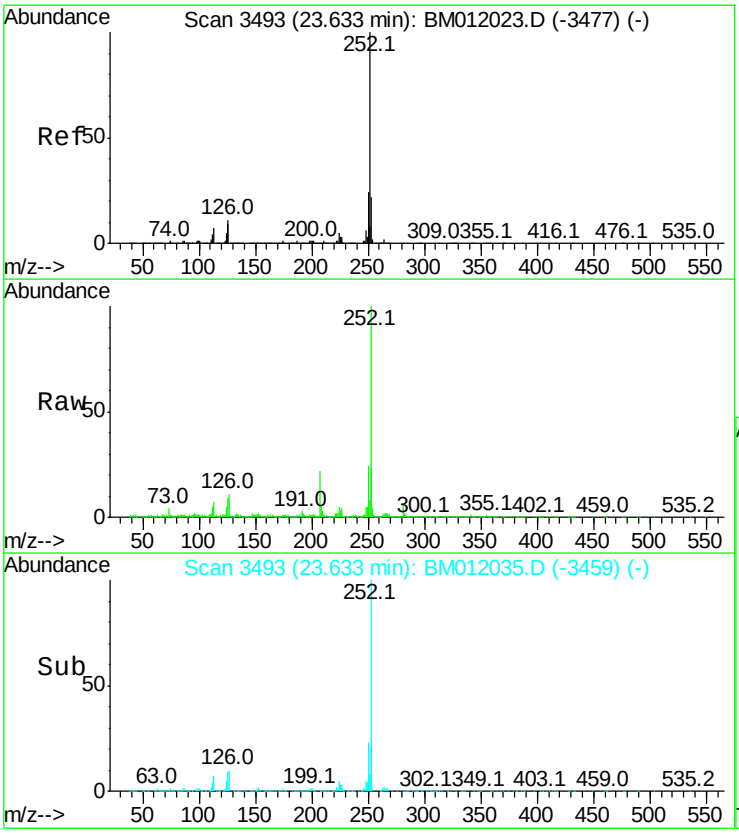
#86
Benzo(k)fluoranthene
Concen: 22.207 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.04 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Instrument :
BNA_M
ClientSampleId :
DUP-1

Tgt Ion:252 Resp: 2744636

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	9.0	3.4	5.2#

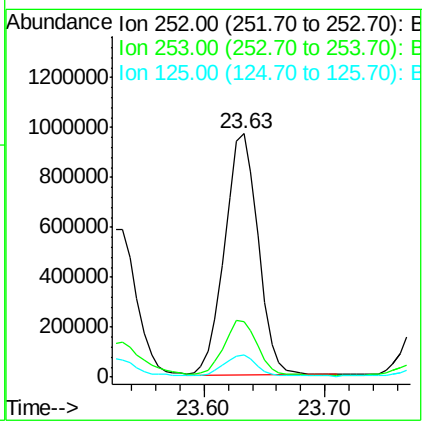


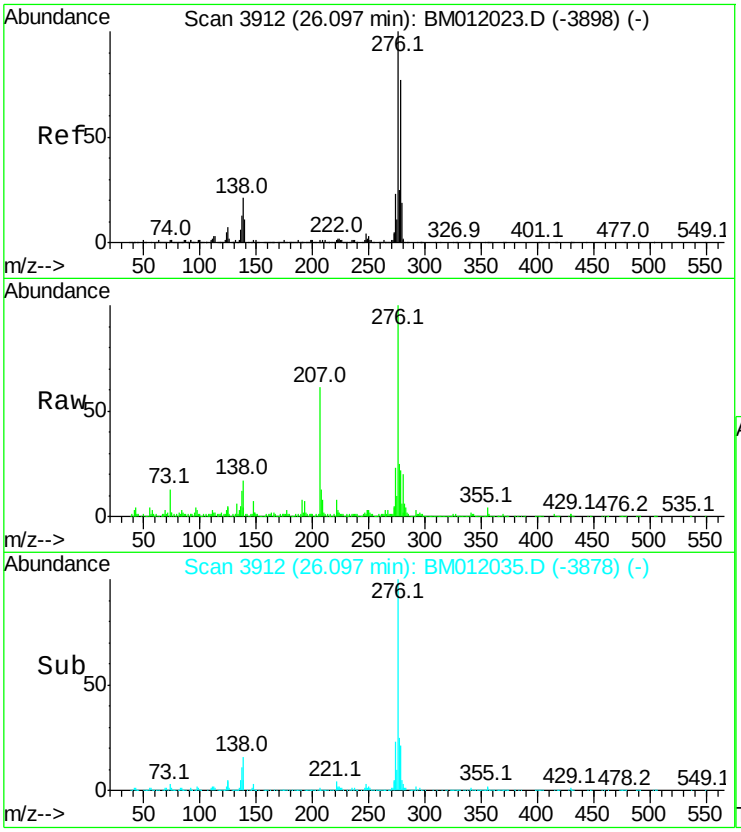


#88
Benzo(a)pyrene
Concen: 15.668 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Tgt Ion:252 Resp: 1863778

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	9.2	4.0	6.0#



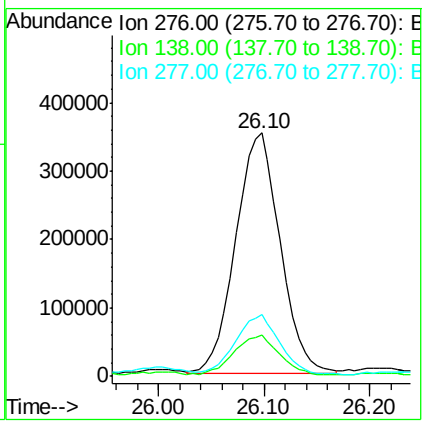


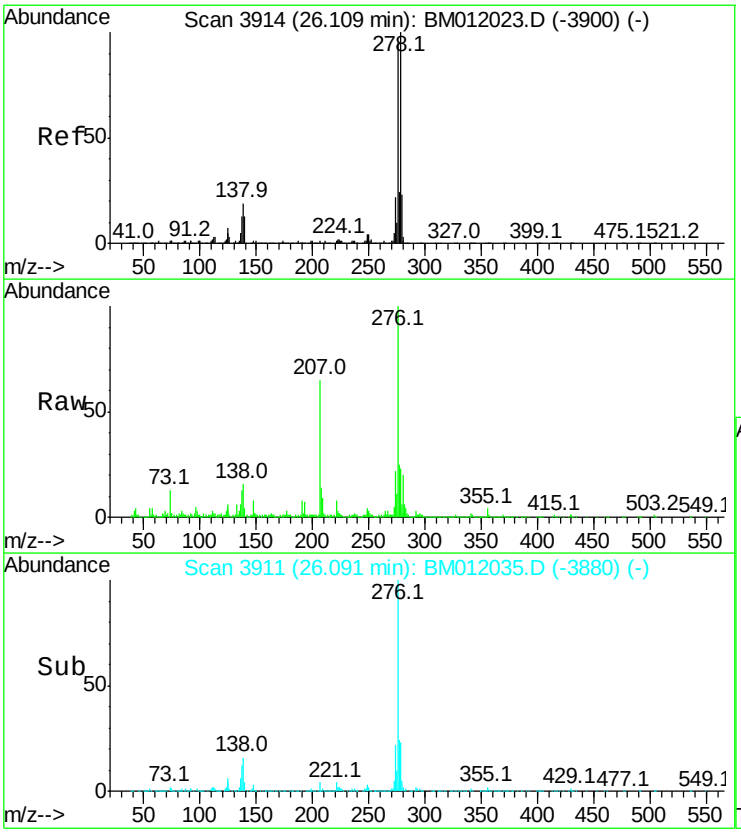
#89
Indeno(1,2,3-cd)pyrene
Concen: 8.069 ng/ul
RT: 26.10 min Scan# 3912
Delta R.T. 0.00 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Instrument : BNA_M
ClientSampleId : DUP-1

Tgt Ion:276 Resp: 1027111

Ion	Ratio	Lower	Upper
276	100		
138	16.8	9.3	13.9#
277	25.2	19.9	29.9

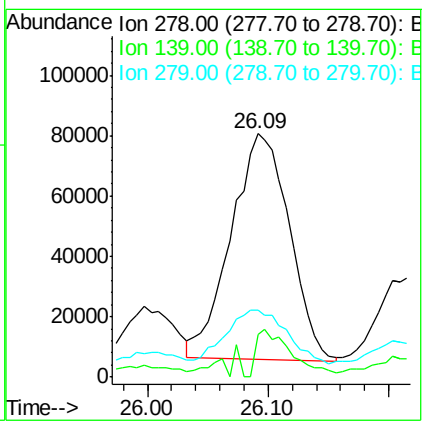


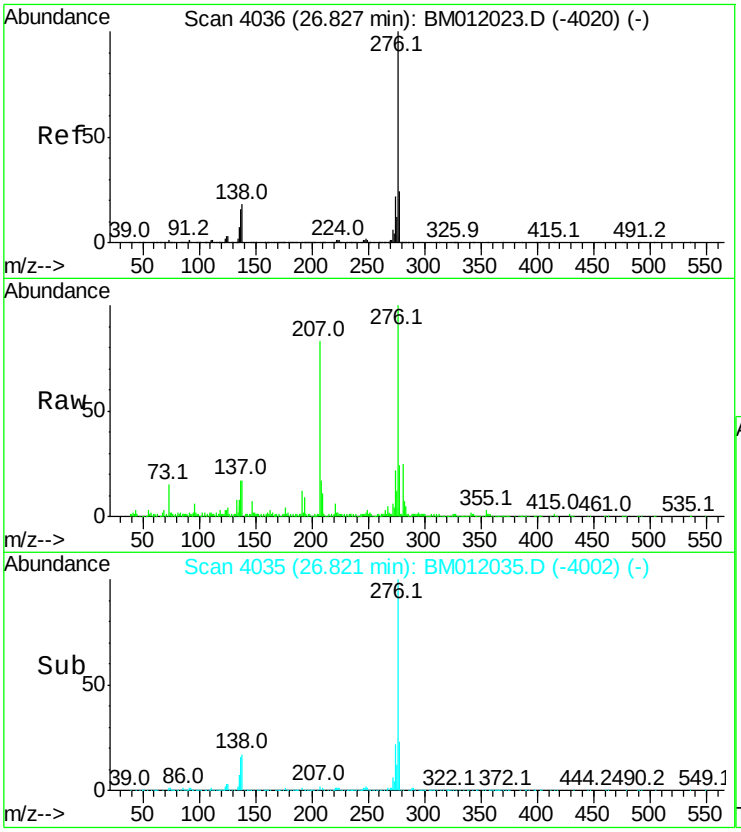


#90
Dibenzo(a,h)anthracene
Concen: 2.404 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.02 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Tgt Ion:278 Resp: 251439

Ion	Ratio	Lower	Upper
278	100		
139	17.7	5.8	8.8#
279	27.4	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 8.248 ng/ul
RT: 26.82 min Scan# 4035
Delta R.T. -0.01 min
Lab File: BM012035.D
Acq: 10 Oct 2017 04:40

Instrument :
BNA_M
ClientSampleId :
DUP-1

Tgt Ion:276 Resp: 868457

Ion	Ratio	Lower	Upper
276	100		
138	17.5	8.5	12.7#
277	23.8	18.6	28.0