Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012055.D
Acq On : 10 Oct 2017 23:00
Operator : SJ/JU
Sample : I5669-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 11 02:54:28 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	281538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1245379	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	765681	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1823047	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2137823	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1848138	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	8407	1.41	ng/uL	0.00
5) Phenol-d5	7.00	99	173429	7.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	203062	14.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	202046	10.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	178764	8.54	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	127137	14.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	65056	6.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	156270	7.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	17991	0.82	ng/ul	0.02
43) Dimethylphthalate-d6	13.89	166	547000	8.24	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1196962	15.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	415	0.04	ng/ul	-0.16
57) Fluorene-d10	15.48	176	883446	15.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	1685	0.14	ng/ul	0.02
70) Anthracene-d10	17.33	188	1339735	14.91	ng/ul	0.00
76) Pyrene-d10	19.62	212	1657681	17.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1206209	13.57	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.70	128	64886	1.039	ng/ul	98
44) Dimethylphthalate	13.95	163	163163	2.556	ng/ul	99
47) Acenaphthylene	14.22	152	82972	1.097	ng/ul	100
69) Phenanthrene	17.27	178	764135	7.620	ng/ul	99
71) Anthracene	17.37	178	160150	1.570	ng/ul	99
74) Fluoranthene	19.29	202	1573824	12.863	ng/ul#	92
77) Pyrene	19.66	202	1422162	11.998	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	854035	6.973	ng/ul	98
82) Chrysene	21.44	228	815909	7.012	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	1101914	9.809	ng/ul#	95
86) Benzo(k)fluoranthene	23.03	252	1101914	9.825	ng/ul#	93
88) Benzo(a)pyrene	23.62	252	632018	5.855	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	388537	3.364	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.09	278	110053	1.160	ng/ul#	82
91) Benzo(g,h,i)perylene	26.81	276	336369	3.520	ng/ul#	91

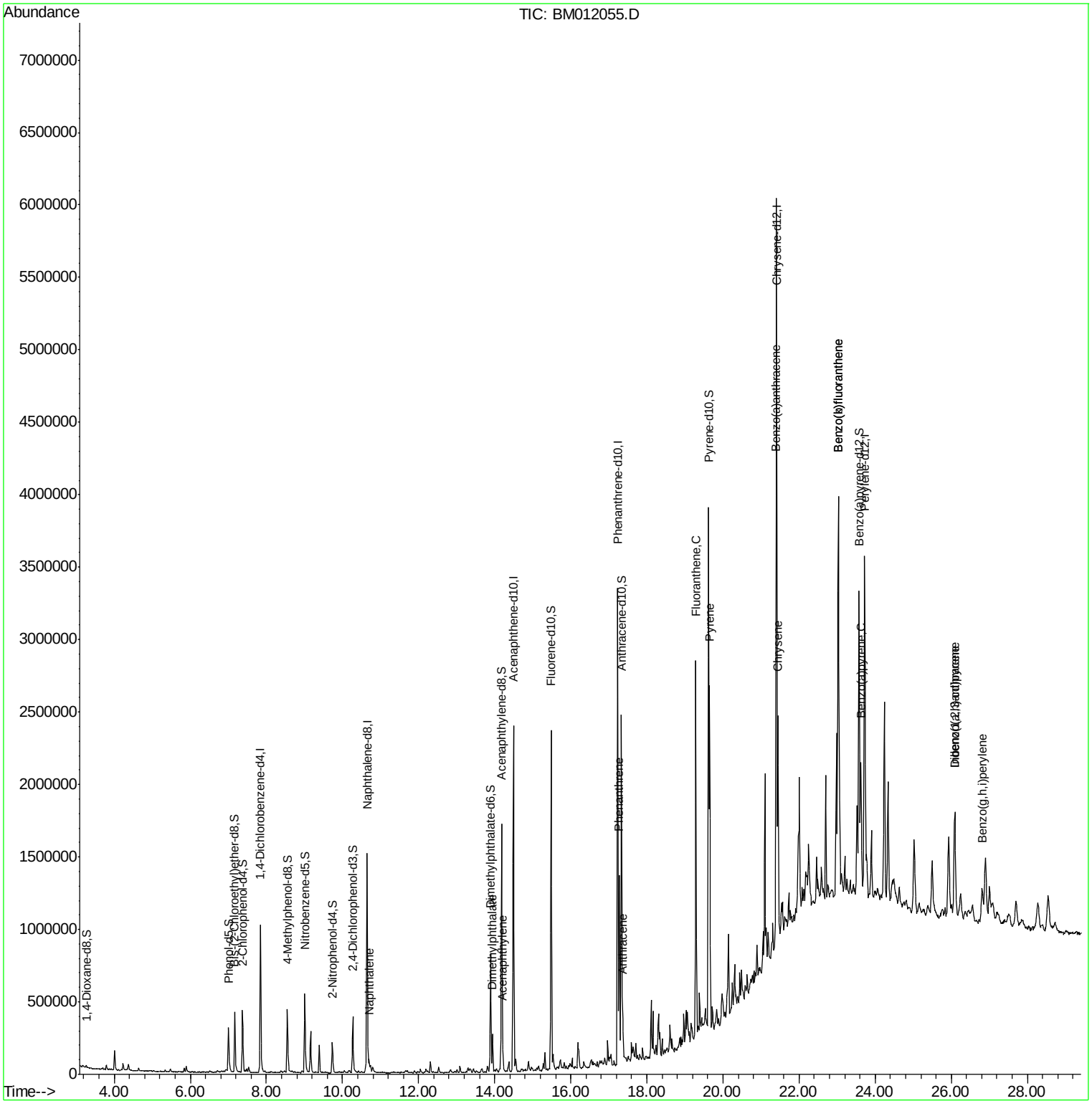
(#) = qualifier out of range (m) = manual integration (+) = signals summed

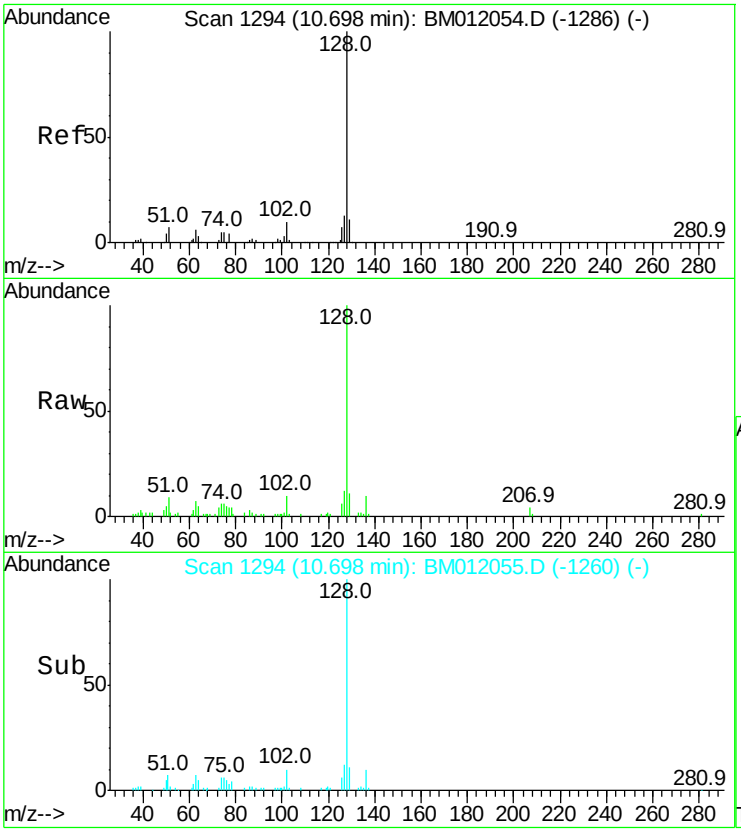
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012055.D
Acq On : 10 Oct 2017 23:00
Operator : SJ/JU
Sample : I5669-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 11 02:54:28 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration



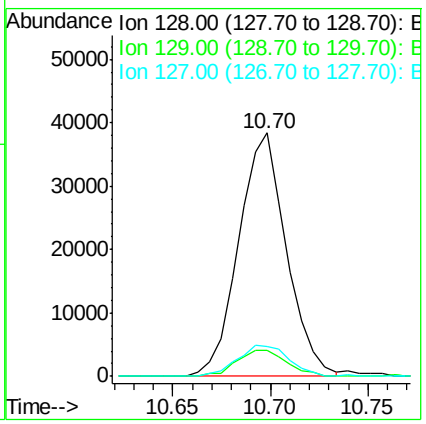


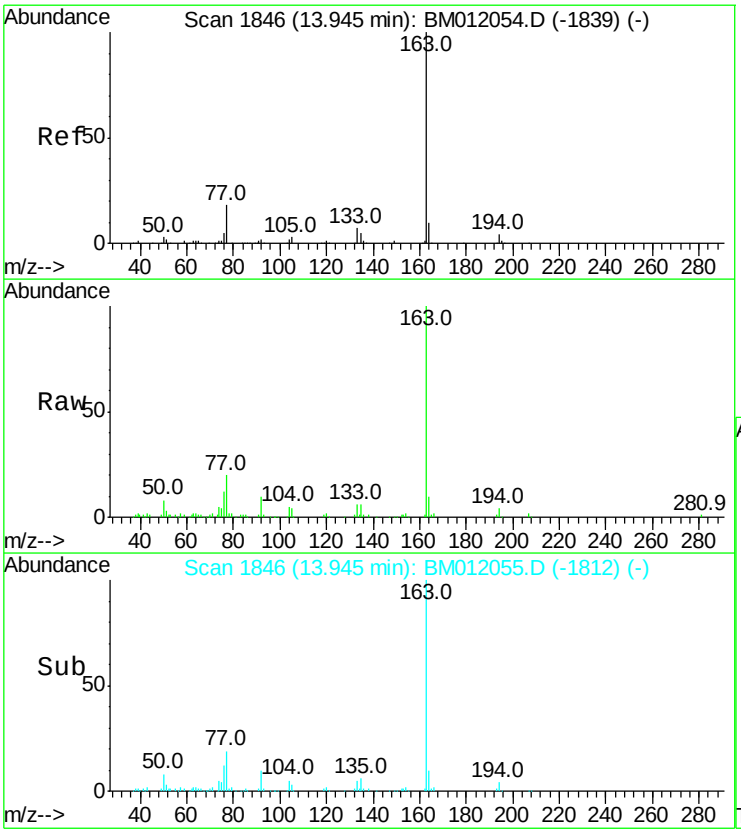
#28
Naphthalene
Concen: 1.039 ng/ul
RT: 10.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 64886

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.3	10.6	16.0

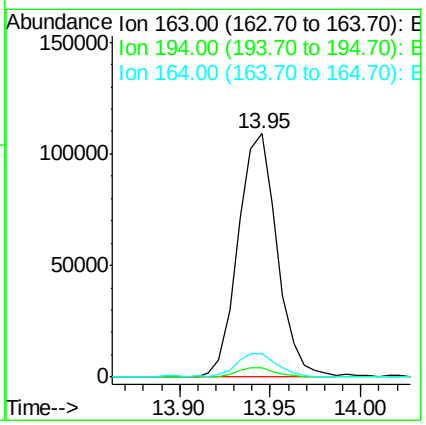


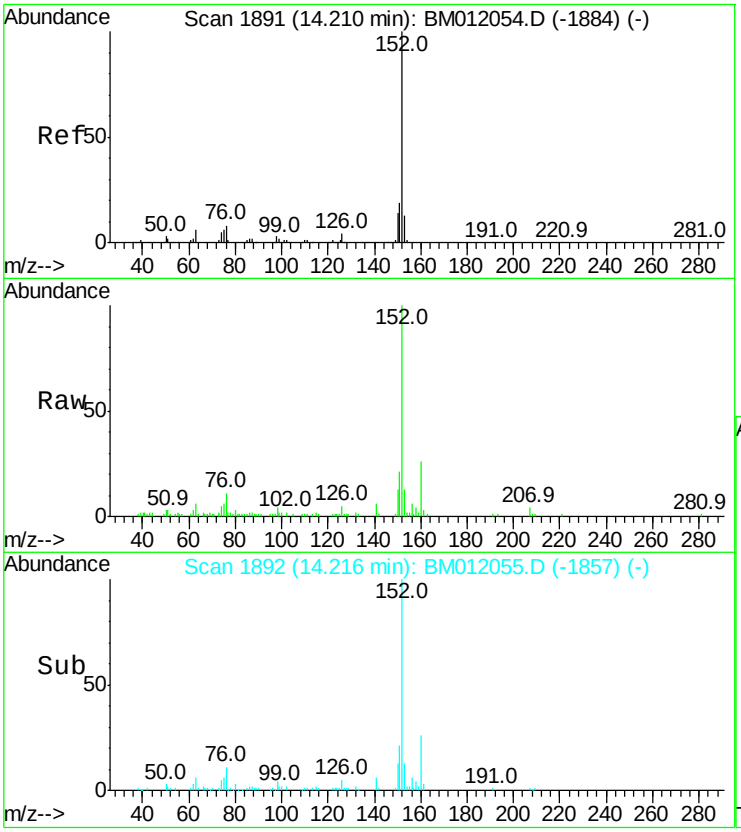


#44
Dimethylphthalate
Concen: 2.556 ng/ul
RT: 13.95 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Tgt Ion:163 Resp: 163163

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	9.8	8.2	12.4



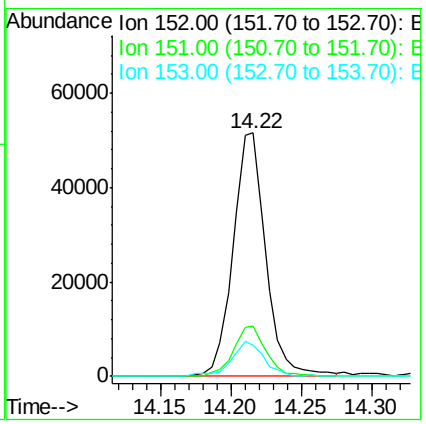


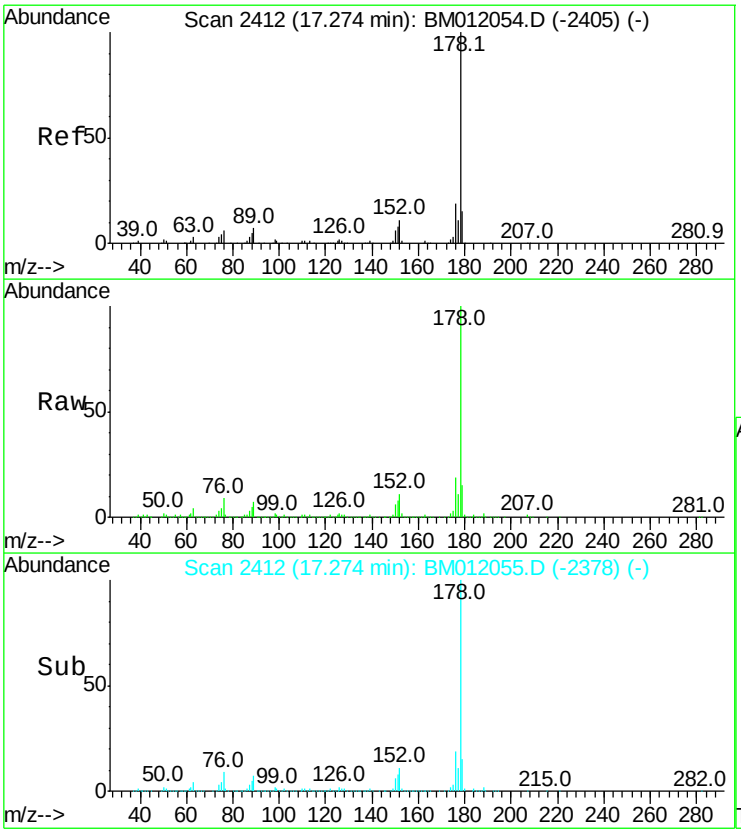
#47
Acenaphthylene
Concen: 1.097 ng/ul
RT: 14.22 min Scan# 1892
Delta R.T. 0.01 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 82972

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.0	10.2	15.4

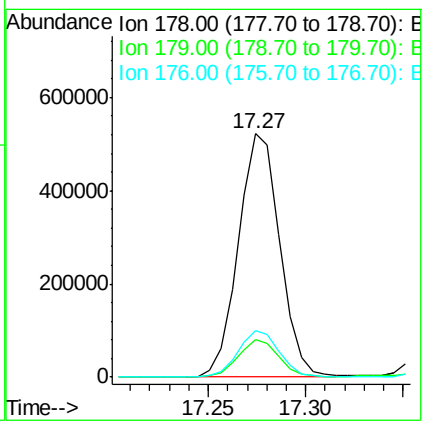


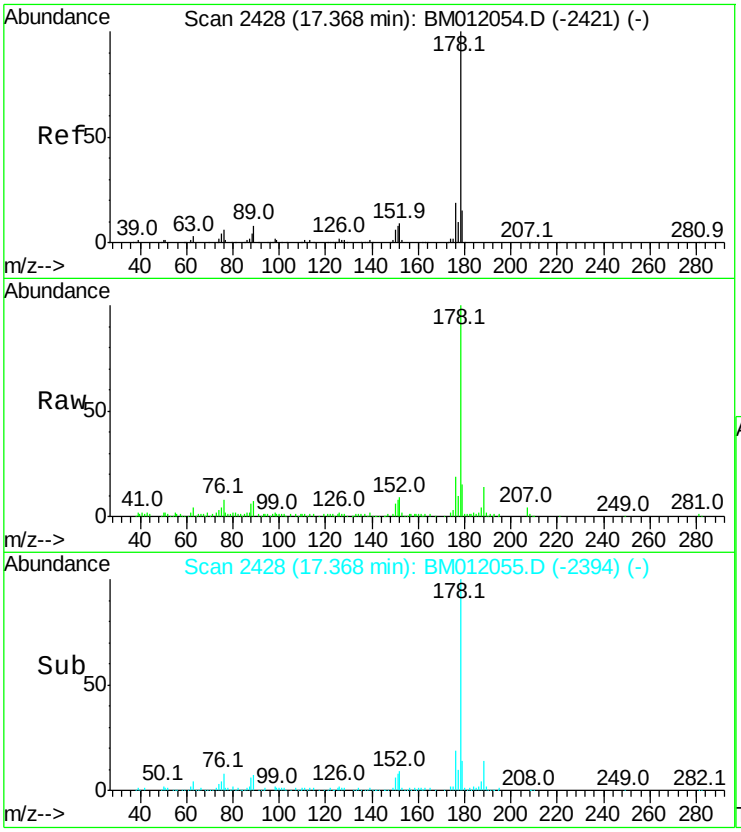


#69
Phenanthrene
Concen: 7.620 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Tgt Ion:178 Resp: 764135

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.2	14.9	22.3



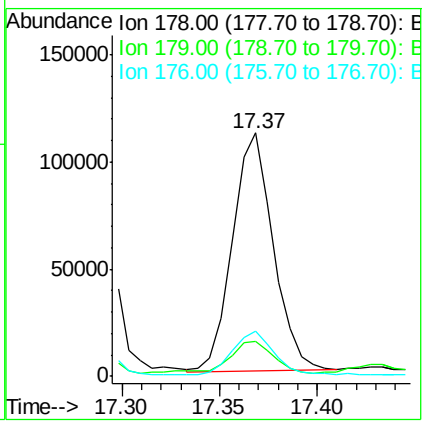


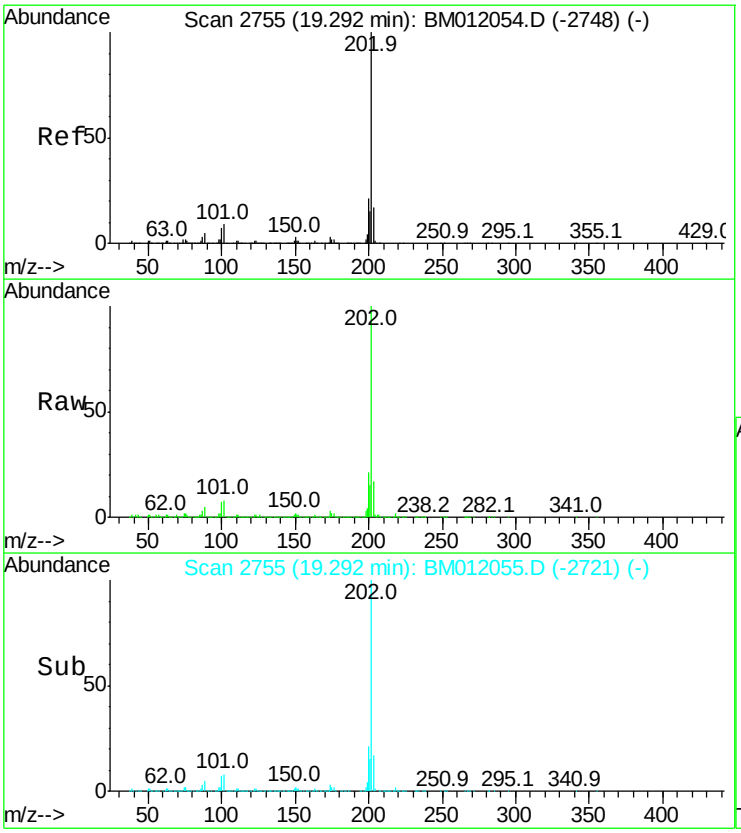
#71
Anthracene
Concen: 1.570 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 160150

Ion	Ratio	Lower	Upper
178	100		
179	14.6	11.7	17.5
176	18.8	14.6	21.8

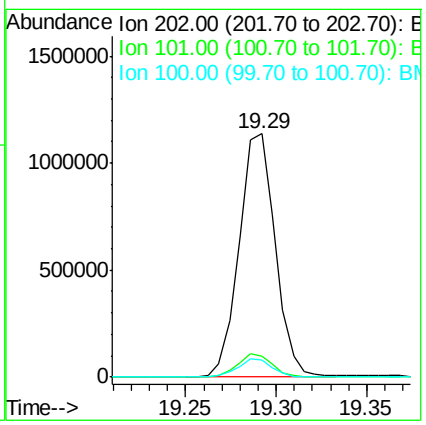


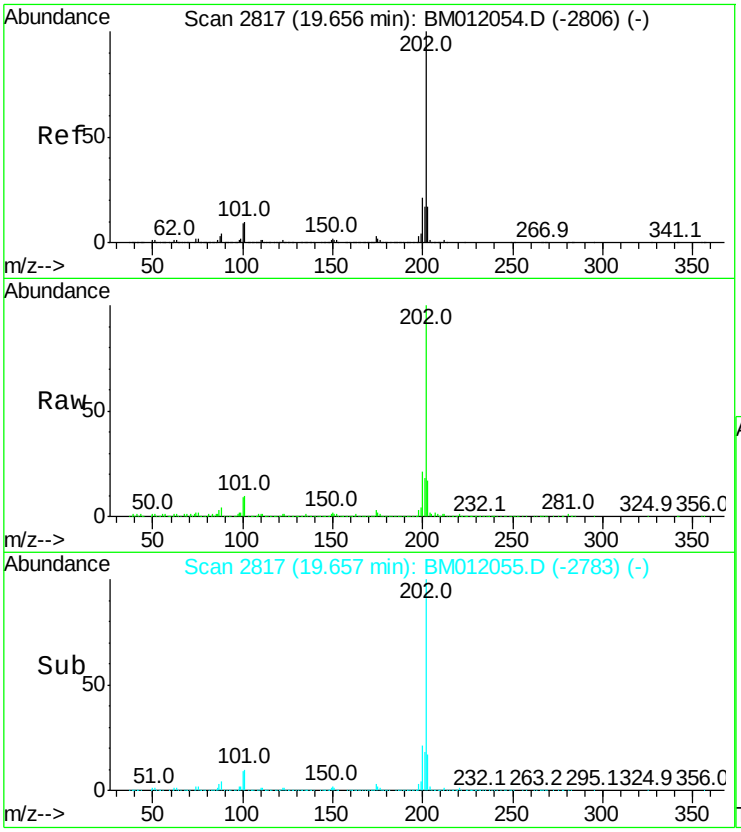


#74
Fluoranthene
Concen: 12.863 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Tgt Ion:202 Resp: 1573824

Ion	Ratio	Lower	Upper
202	100		
101	8.4	4.6	7.0#
100	7.0	3.4	5.2#



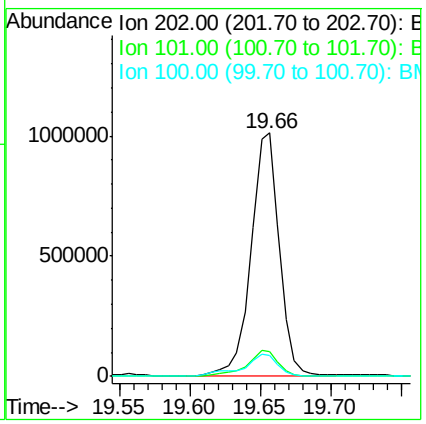


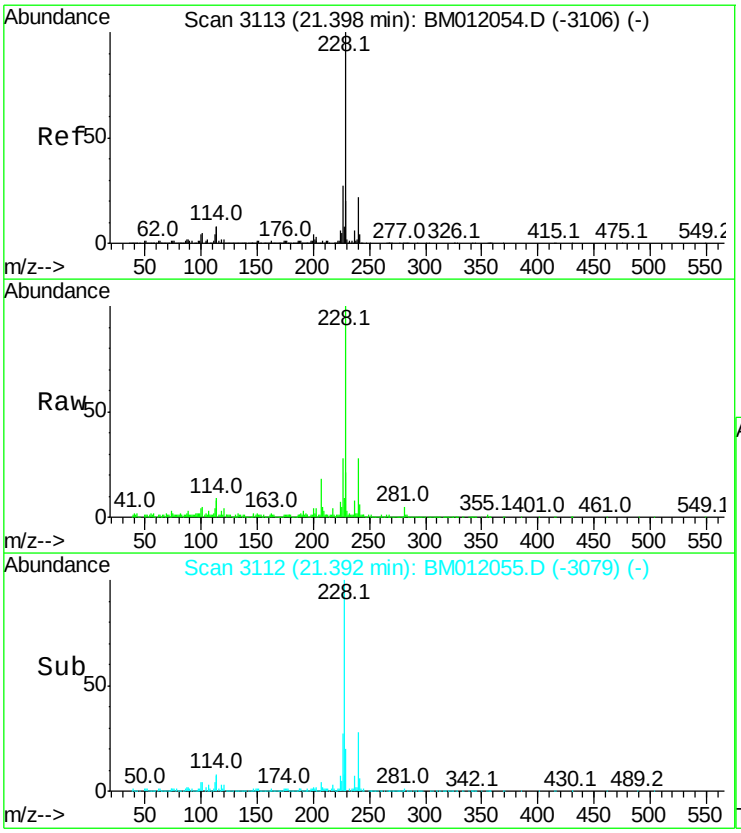
#77
Pyrene
Concen: 11.998 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1422162

Ion	Ratio	Lower	Upper
202	100		
101	10.2	5.1	7.7#
100	8.6	4.9	7.3#

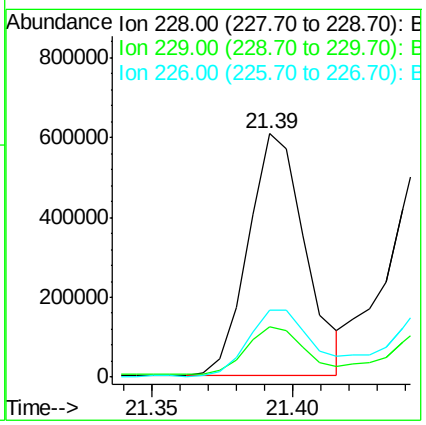


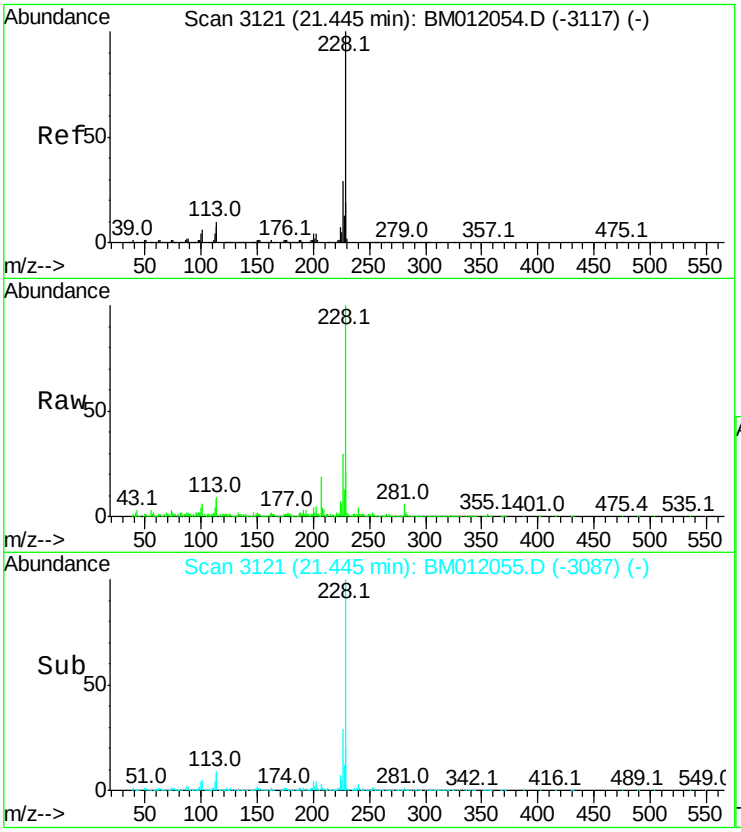


#80
Benzo(a)anthracene
Concen: 6.973 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Tgt Ion:228 Resp: 854035

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	27.5	21.4	32.0



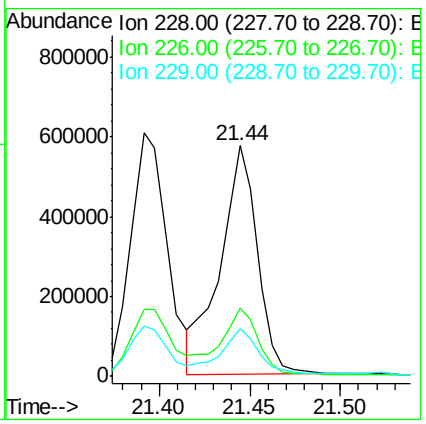


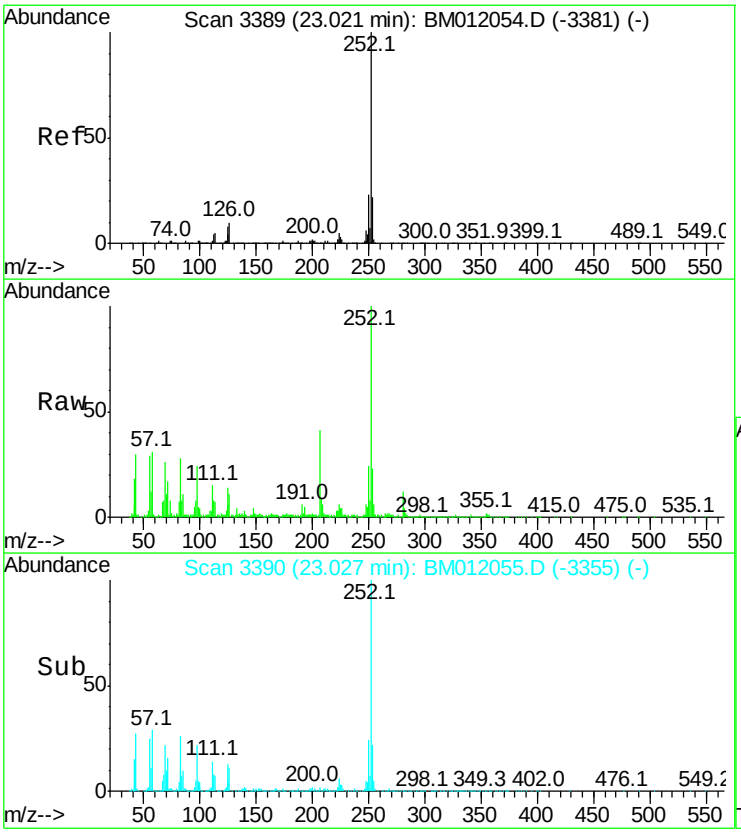
#82
Chrysene
Concen: 7.012 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 815909

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	20.5	15.5	23.3

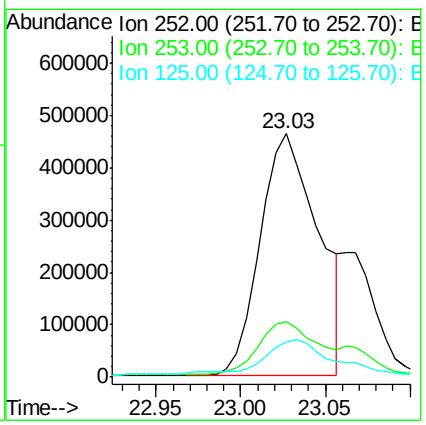


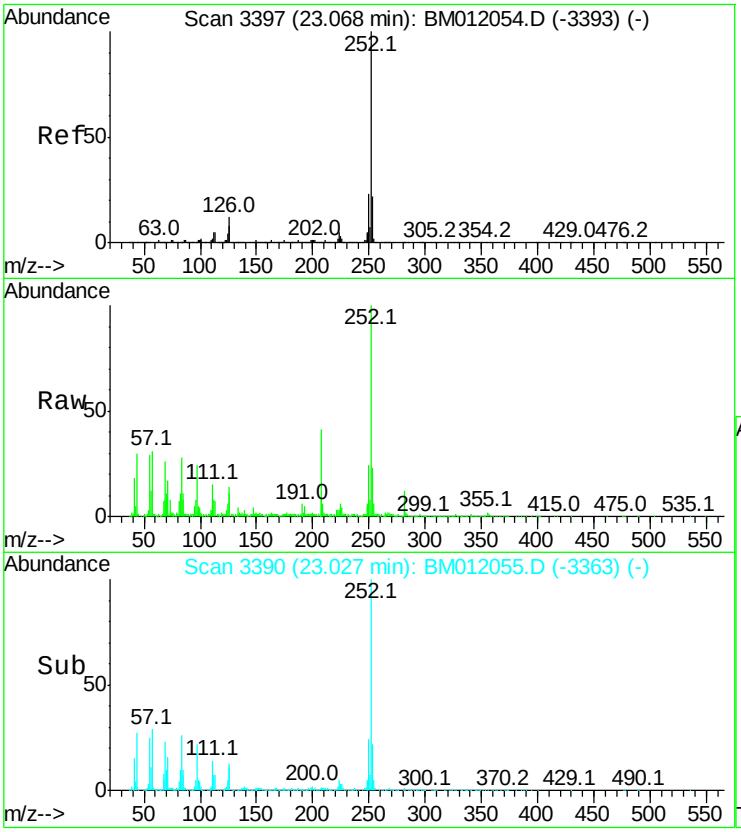


#85
Benzo(b)fluoranthene
Concen: 9.809 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Tgt Ion:252 Resp: 1101914

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	14.4	3.6	5.4#



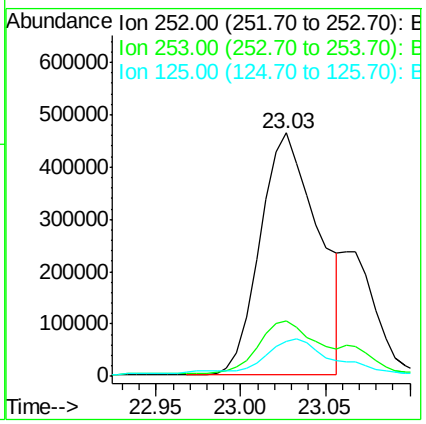


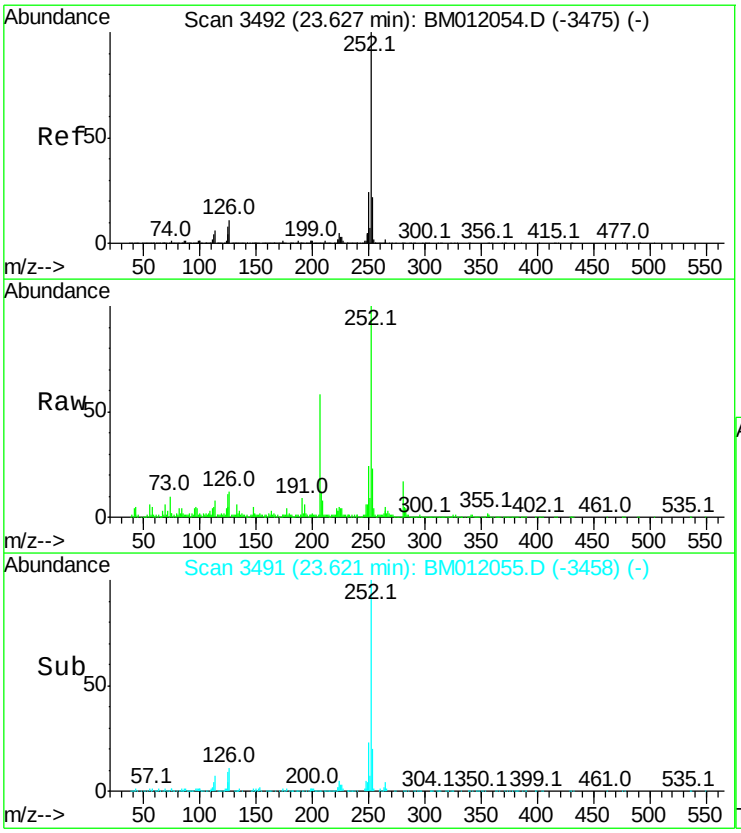
#86
Benzo(k)fluoranthene
Concen: 9.825 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.04 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1101914

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	14.4	3.4	5.2#

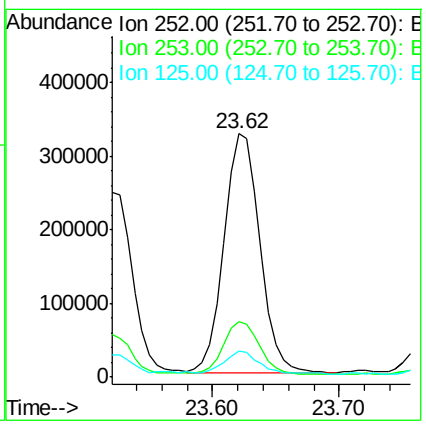


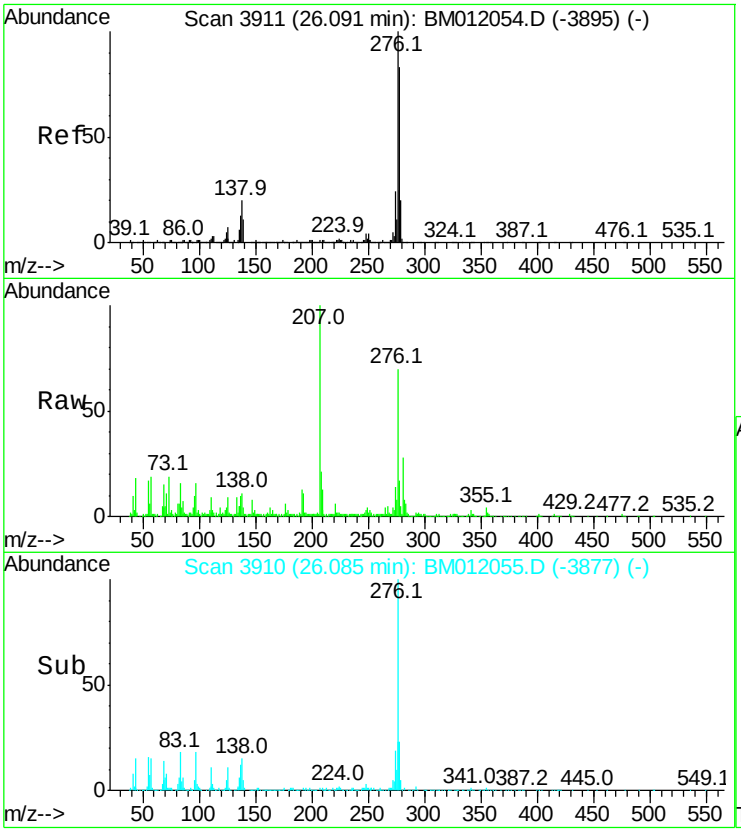


#88
Benzo(a)pyrene
Concen: 5.855 ng/ul
RT: 23.62 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Tgt Ion:252 Resp: 632018

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	10.6	4.0	6.0#



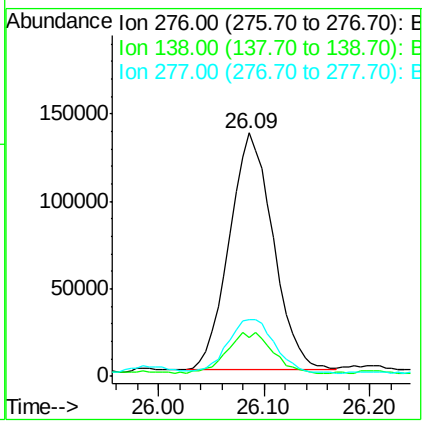


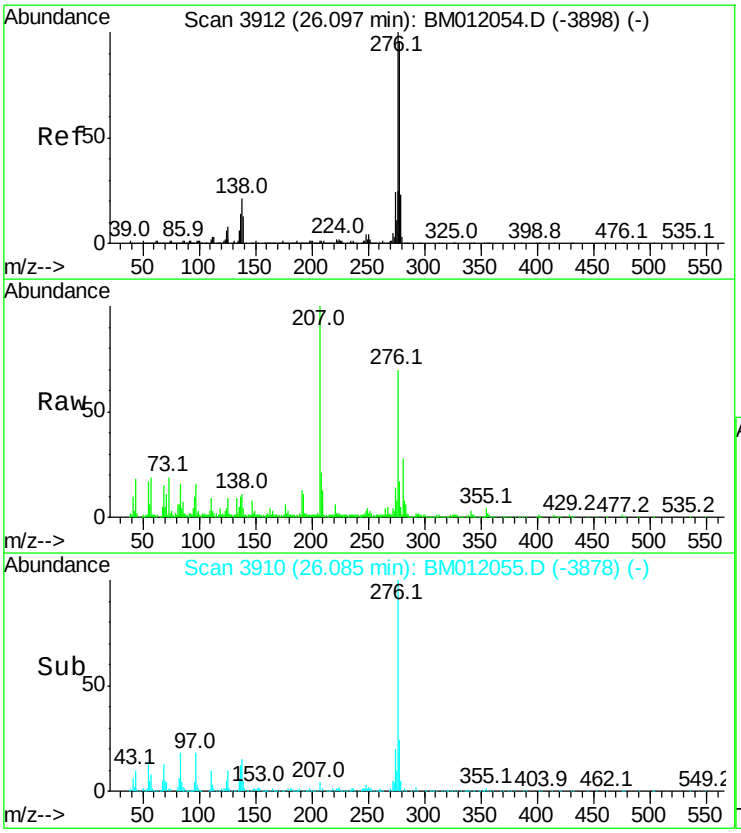
#89
Indeno(1,2,3-cd)pyrene
Concen: 3.364 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 388537

Ion	Ratio	Lower	Upper
276	100		
138	16.0	9.3	13.9#
277	23.5	19.9	29.9

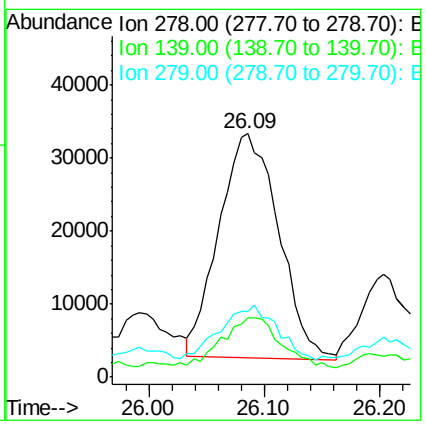


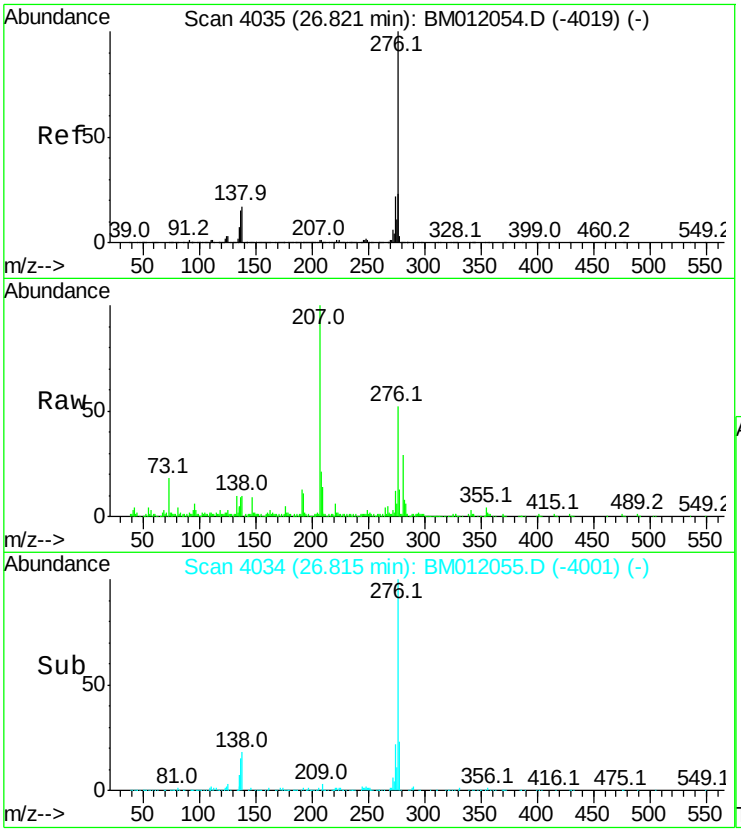


#90
Dibenzo(a,h)anthracene
Concen: 1.160 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Tgt Ion:278 Resp: 110053

Ion	Ratio	Lower	Upper
278	100		
139	24.6	5.8	8.8#
279	27.1	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 3.520 ng/ul
RT: 26.81 min Scan# 4034
Delta R.T. -0.01 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 336369

Ion	Ratio	Lower	Upper
276	100		
138	18.5	8.5	12.7#
277	24.7	18.6	28.0