Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012139.D
Acq On : 13 Oct 2017 16:21
Operator : SJ/JU
Sample : I5533-10DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 13 18:52:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	206926	20.00	ng/ul	0.01
18) Naphthalene-d8	10.65	136	873083	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.49	164	525506	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.24	188	1254811	20.00	ng/ul	0.02
75) Chrysene-d12	21.43	240	1283864	20.00	ng/ul	0.02
83) Perylene-d12	23.76	264	1066412	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	5608	1.29	ng/uL	0.00
5) Phenol-d5	7.02	99	92622	5.52	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	63795	6.34	ng/ul	0.01
9) 2-Chlorophenol-d4	7.37	132	86780	6.09	ng/ul	0.02
13) 4-Methylphenol-d8	8.56	113	72842	5.04	ng/ul	0.02
19) Nitrobenzene-d5	9.01	128	43571	6.54	ng/ul	0.01
22) 2-Nitrophenol-d4	9.74	143	48634	6.25	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.28	165	90360	6.08	ng/ul	0.02
29) 4-Chloroaniline-d4	10.80	131	55159	3.97	ng/ul	0.02
43) Dimethylphthalate-d6	13.90	166	314868	6.78	ng/ul	0.01
46) Acenaphthylene-d8	14.19	160	382959	6.81	ng/ul	0.01
51) 4-Nitrophenol-d4	14.74	143	24182	3.46	ng/ul	0.05
57) Fluorene-d10	15.49	176	267407	7.01	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.64	200	7448	0.86	ng/ul	0.04
70) Anthracene-d10	17.34	188	440896	7.11	ng/ul	0.02
76) Pyrene-d10	19.64	212	503961	7.73	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.60	264	365785	7.11	ng/ul	0.04
Target Compounds						Qvalue
44) Dimethylphthalate	13.94	163	70964	1.525	ng/ul	98
47) Acenaphthylene	14.22	152	176489	3.197	ng/ul	99
69) Phenanthrene	17.29	178	742363	10.400	ng/ul	99
71) Anthracene	17.37	178	191178	2.587	ng/ul	97
74) Fluoranthene	19.30	202	2299863	26.697	ng/ul#	93
77) Pyrene	19.67	202	2410122	28.425	ng/ul#	93
80) Benzo(a)anthracene	21.41	228	1317869	15.775	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.31	149	77134	1.362	ng/ul#	98
82) Chrysene	21.46	228	1303081	16.614	ng/ul	96
85) Benzo(b)fluoranthene	23.05	252	1443299	20.739	ng/ul#	96
86) Benzo(k)fluoranthene	23.05	252	1443299	21.521	ng/ul#	94
88) Benzo(a)pyrene	23.66	252	962726	14.677	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.14	276	654255	9.393	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.14	278	176674	3.017	ng/ul#	78
91) Benzo(g,h,i)perylene	26.89	276	605683	10.617	ng/ul#	92

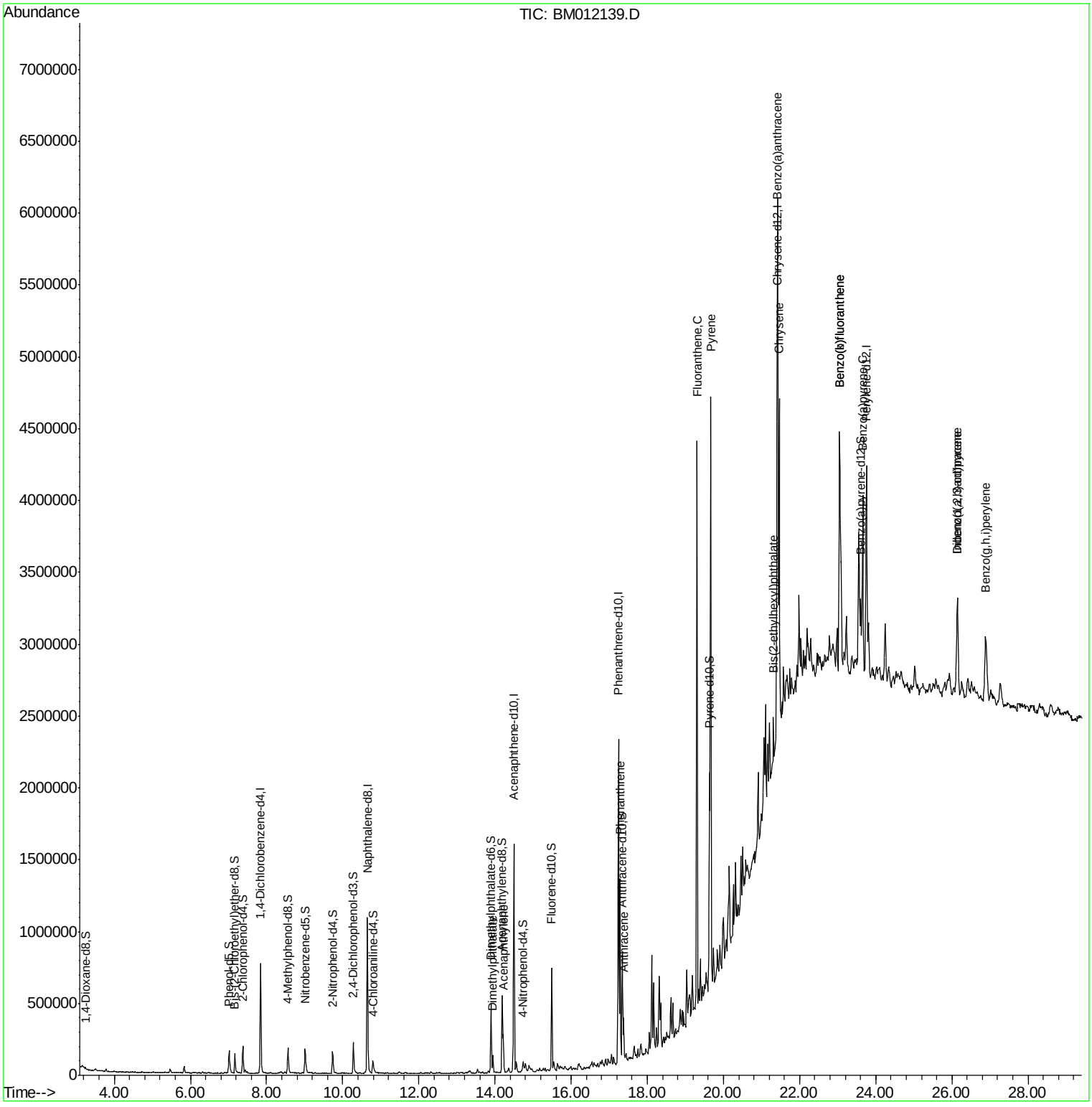
(#) = qualifier out of range (m) = manual integration (+) = signals summed

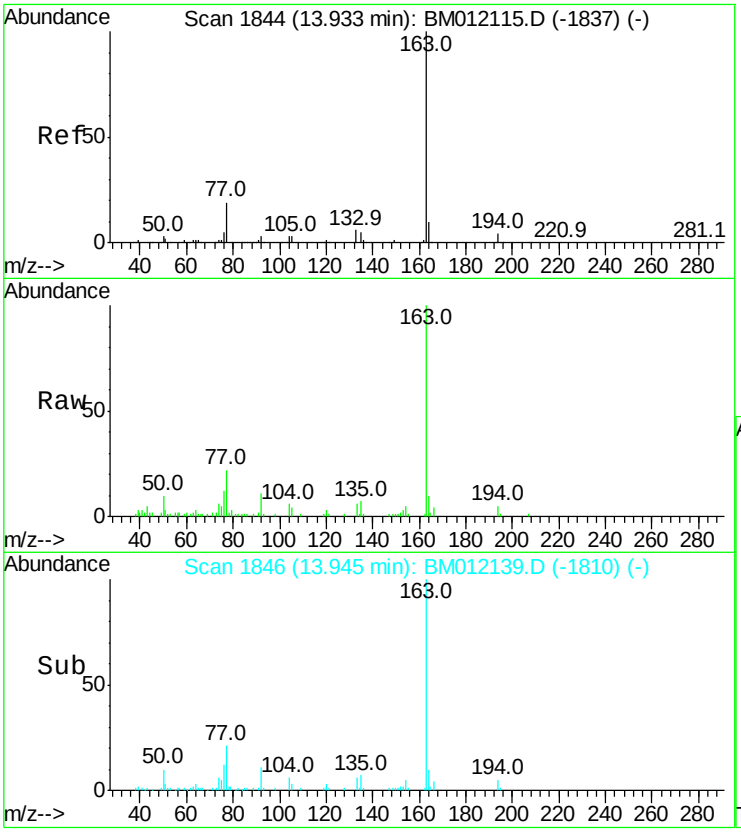
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012139.D
Acq On : 13 Oct 2017 16:21
Operator : SJ/JU
Sample : I5533-10DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 13 18:52:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



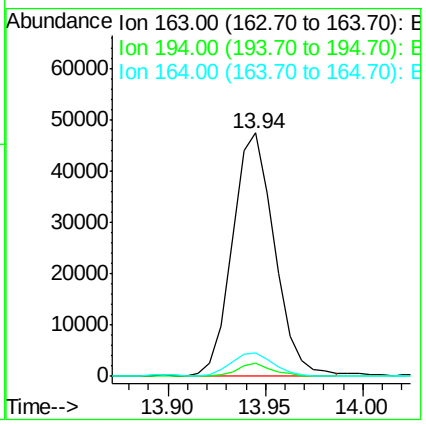


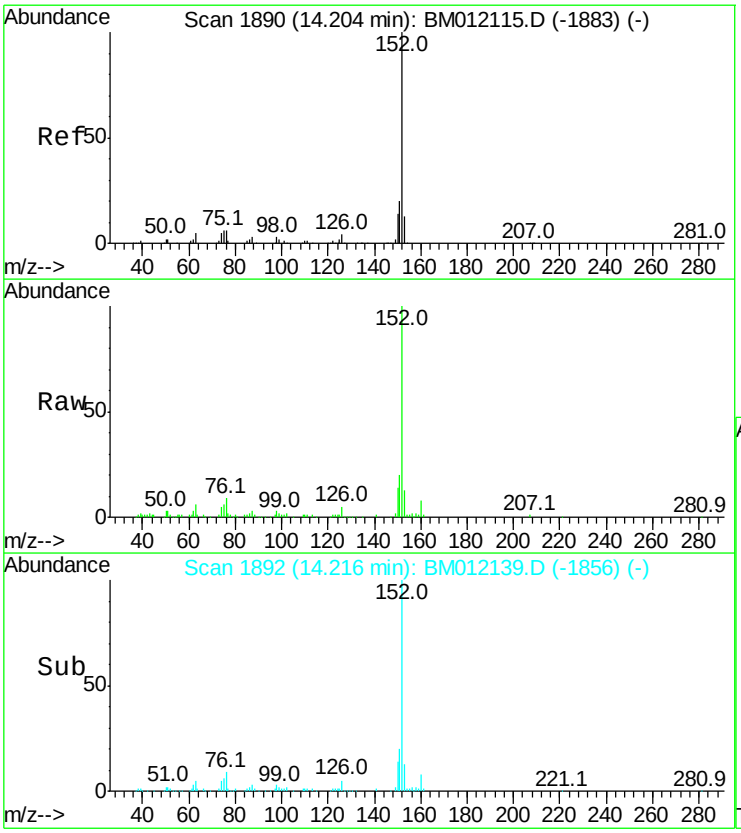
#44
Dimethylphthalate
Concen: 1.525 ng/ul
RT: 13.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 70964

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.5	5.3
164	9.7	8.2	12.4

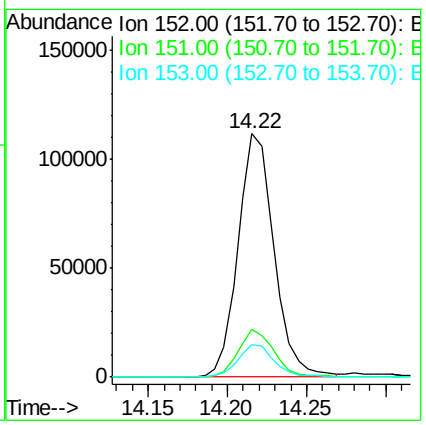


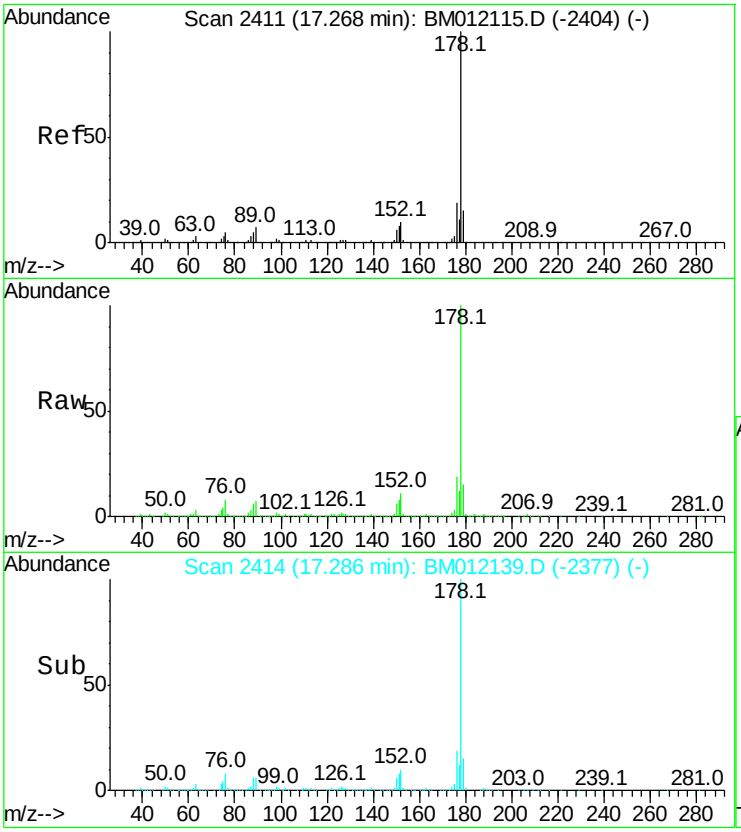


#47
Acenaphthylene
Concen: 3.197 ng/ul
RT: 14.22 min Scan# 1892
Delta R.T. 0.01 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Tgt Ion:152 Resp: 176489

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.3	10.2	15.4



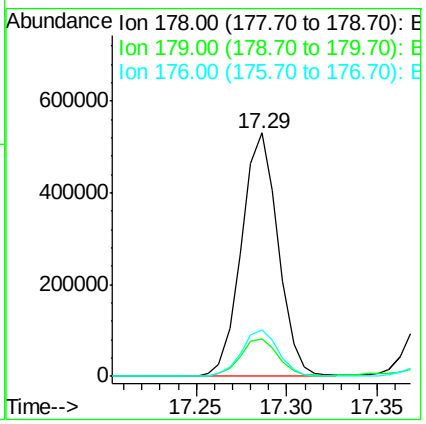


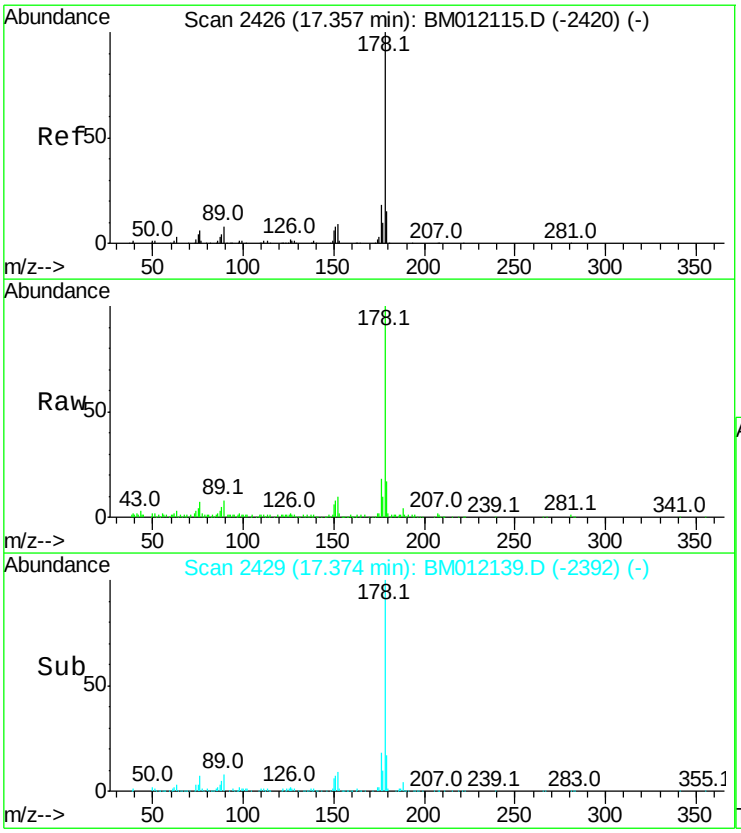
#69
Phenanthrene
Concen: 10.400 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. 0.02 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 742363

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.1	14.9	22.3

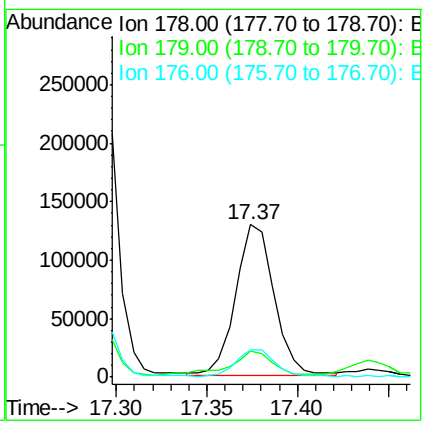


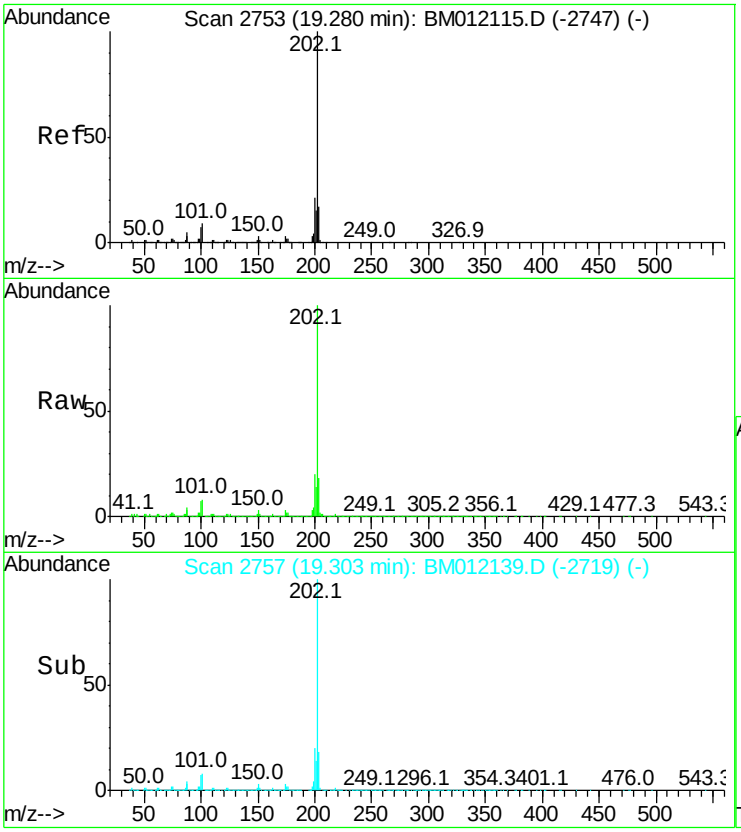


#71
Anthracene
Concen: 2.587 ng/ul
RT: 17.37 min Scan# 2429
Delta R.T. 0.02 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Tgt Ion:178 Resp: 191178

Ion	Ratio	Lower	Upper
178	100		
179	16.9	11.7	17.5
176	18.1	14.6	21.8



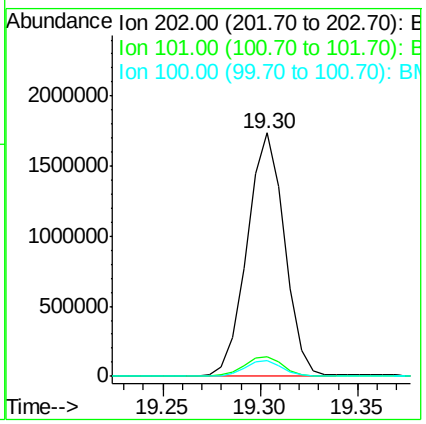


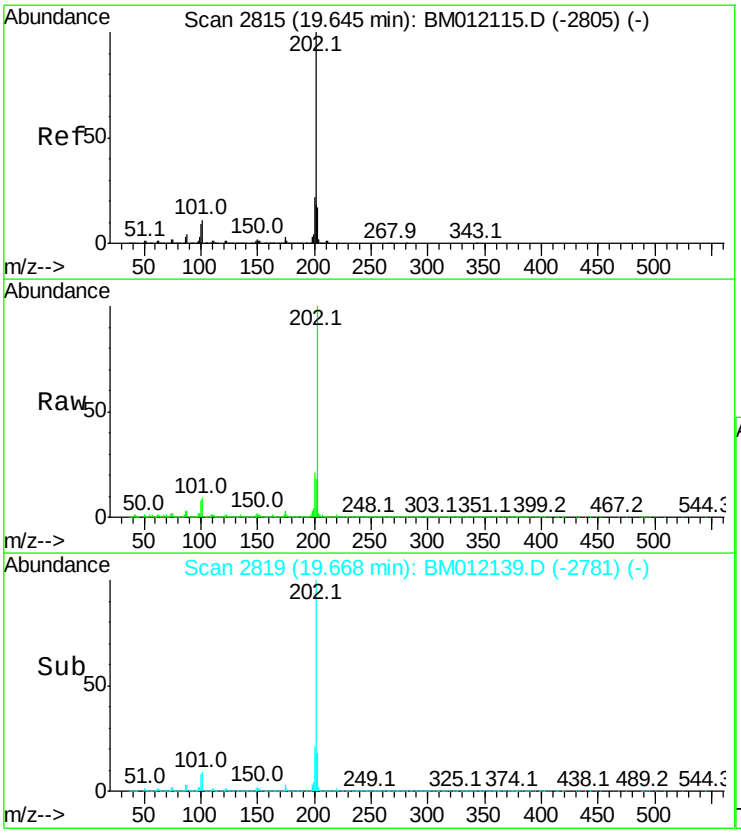
#74
Fluoranthene
Concen: 26.697 ng/ul
RT: 19.30 min Scan# 2757
Delta R.T. 0.02 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2299863

Ion	Ratio	Lower	Upper
202	100		
101	8.1	4.6	7.0#
100	6.7	3.4	5.2#

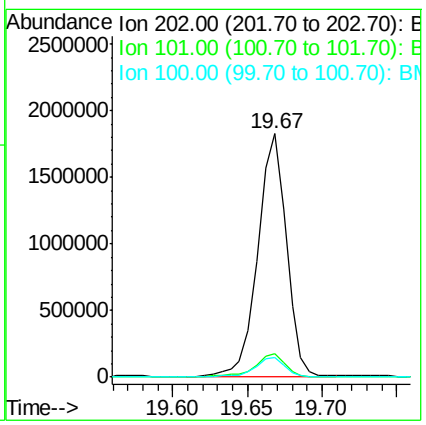


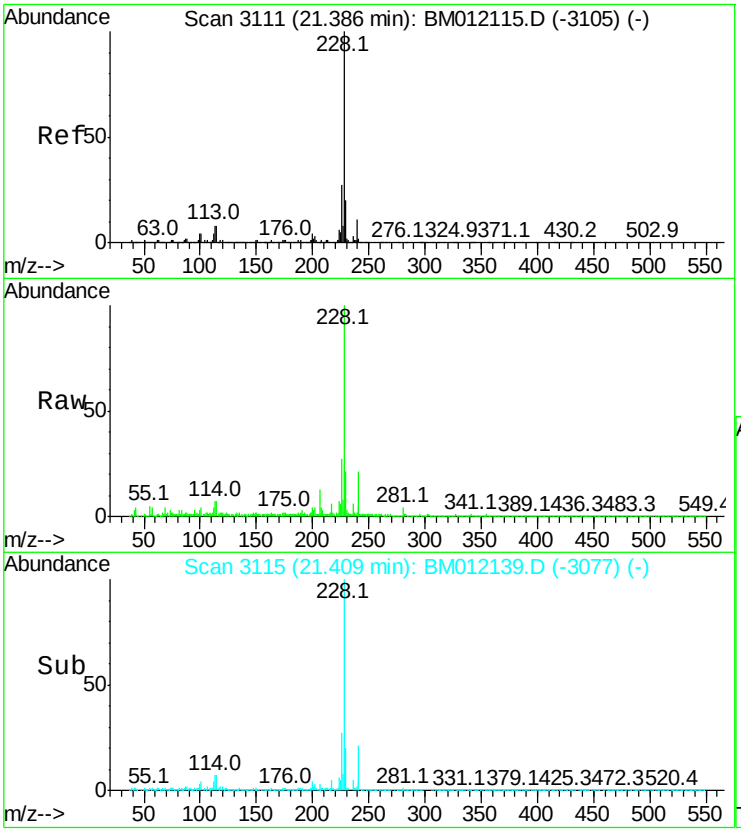


#77
Pyrene
Concen: 28.425 ng/ul
RT: 19.67 min Scan# 2819
Delta R.T. 0.02 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Tgt Ion:202 Resp: 2410122

Ion	Ratio	Lower	Upper
202	100		
101	9.4	5.1	7.7#
100	7.8	4.9	7.3#



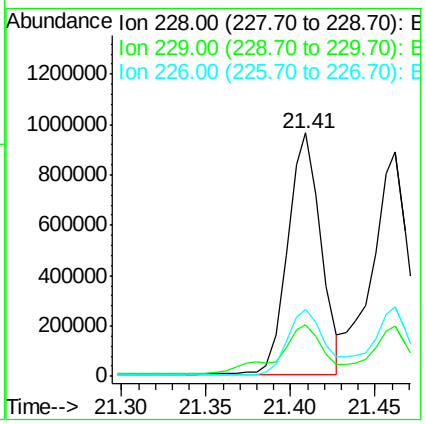


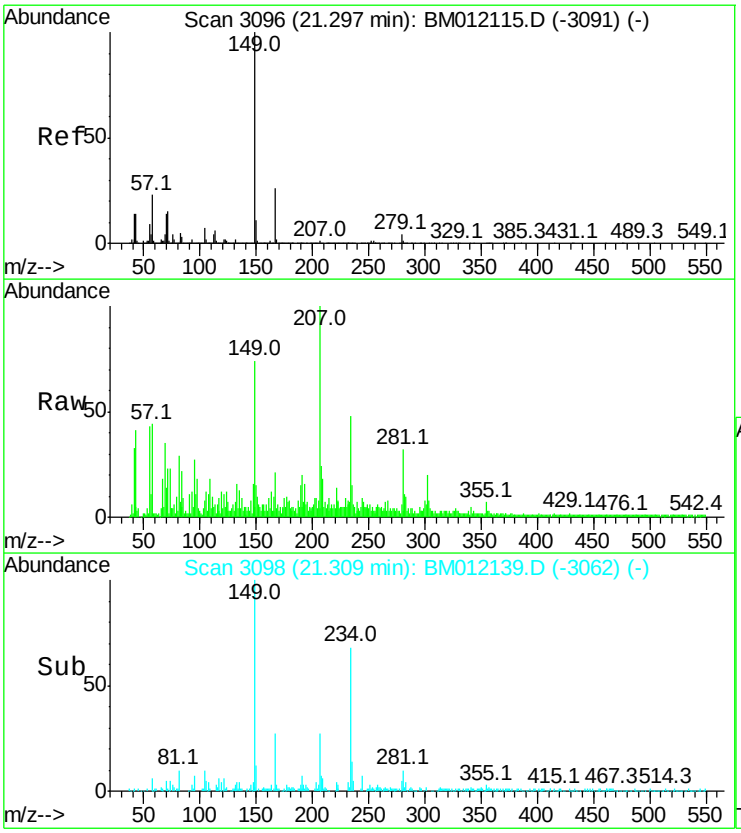
#80
Benzo(a)anthracene
Concen: 15.775 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. 0.02 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1317869

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	27.3	21.4	32.0

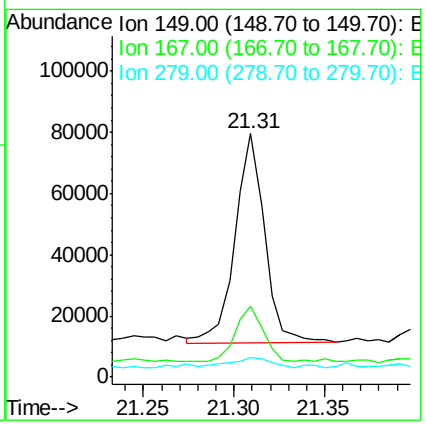


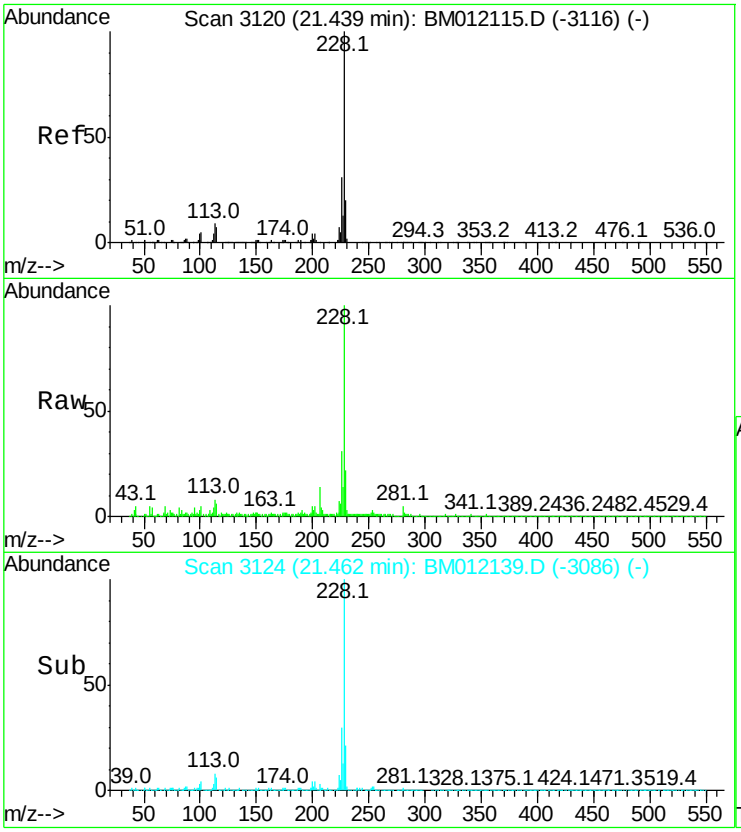


#81
Bis(2-ethylhexyl)phthalate
Concen: 1.362 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Tgt Ion:149 Resp: 77134

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.8	34.2
279	8.0	4.9	7.3#



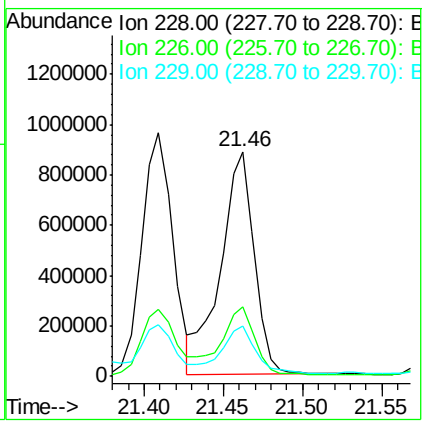


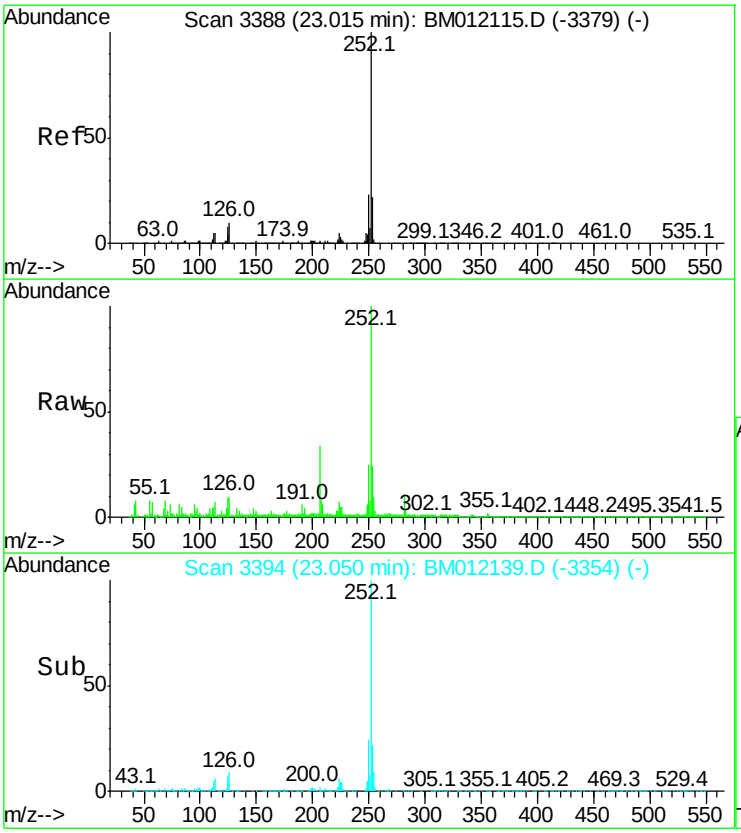
#82
Chrysene
Concen: 16.614 ng/ul
RT: 21.46 min Scan# 3124
Delta R.T. 0.02 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1303081

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	22.2	15.5	23.3

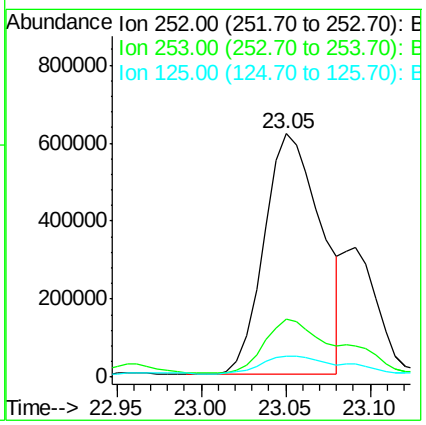


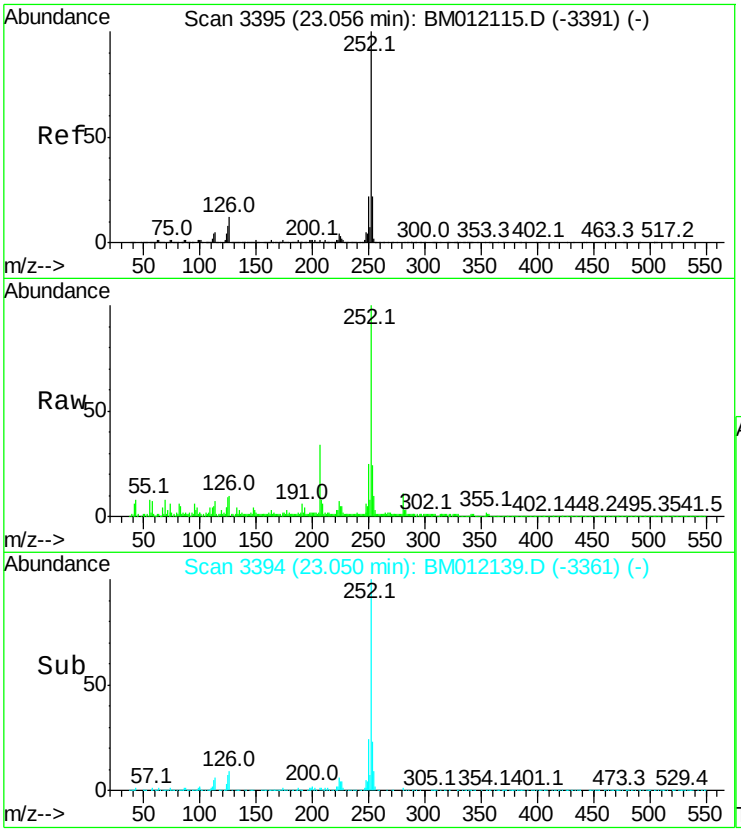


#85
Benzo(b)fluoranthene
Concen: 20.739 ng/ul
RT: 23.05 min Scan# 3394
Delta R.T. 0.04 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Tgt Ion:252 Resp: 1443299

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	8.8	3.6	5.4#



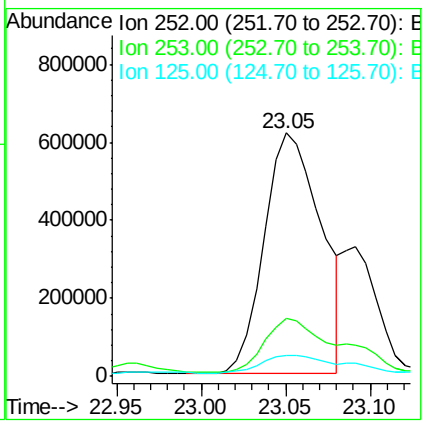


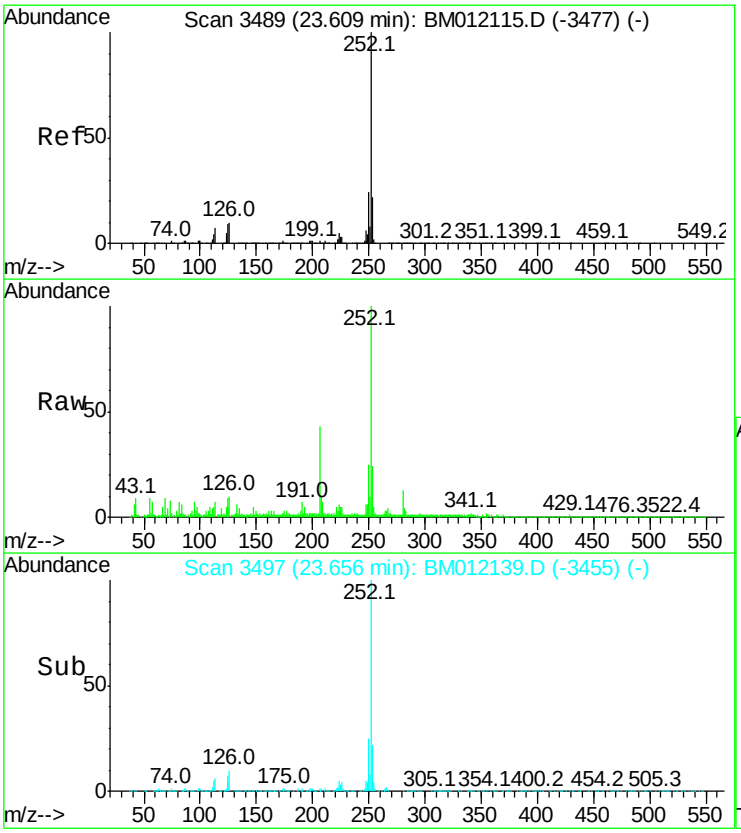
#86
Benzo(k)fluoranthene
Concen: 21.521 ng/ul
RT: 23.05 min Scan# 3394
Delta R.T. -0.01 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1443299

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	8.8	3.4	5.2#

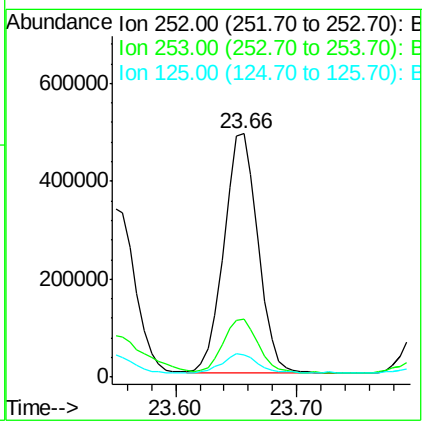


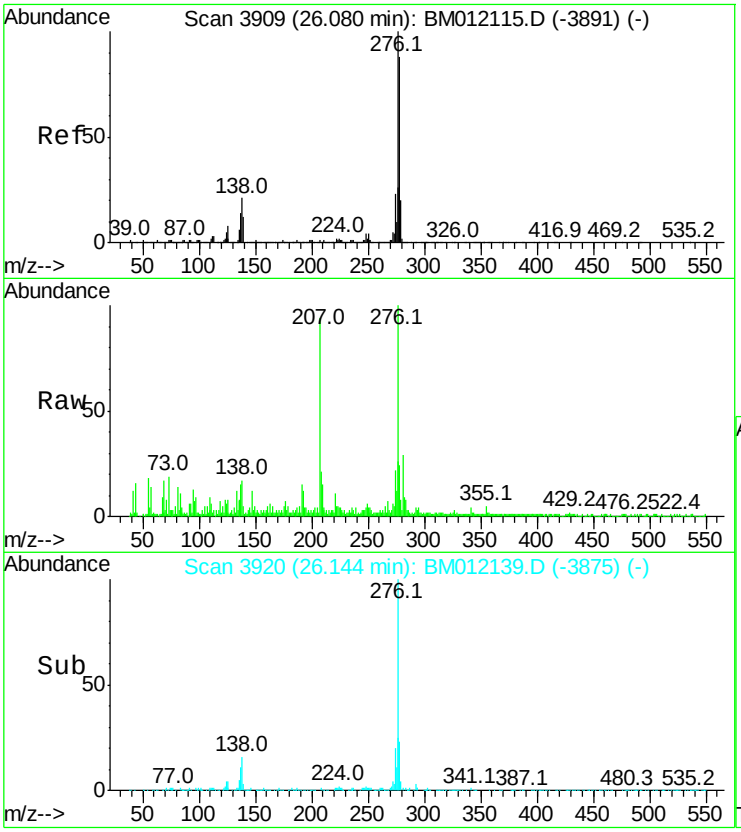


#88
Benzo(a)pyrene
Concen: 14.677 ng/ul
RT: 23.66 min Scan# 3497
Delta R.T. 0.05 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Tgt Ion:252 Resp: 962726

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	9.4	4.0	6.0#



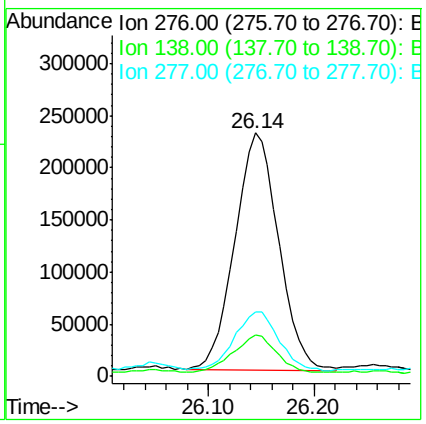


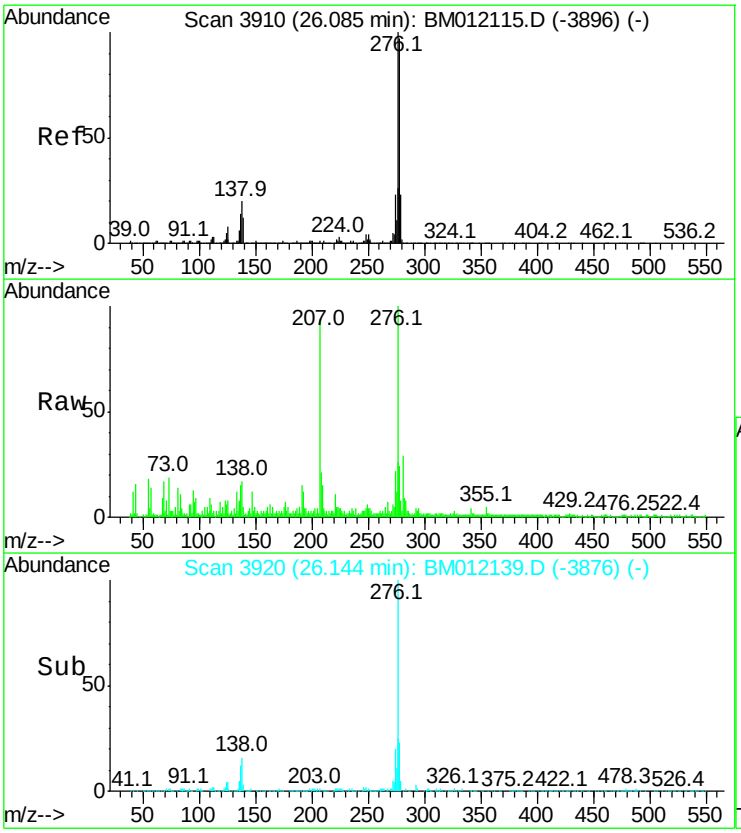
#89
Indeno(1,2,3-cd)pyrene
Concen: 9.393 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. 0.06 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 654255

Ion	Ratio	Lower	Upper
276	100		
138	17.1	9.3	13.9#
277	26.2	19.9	29.9

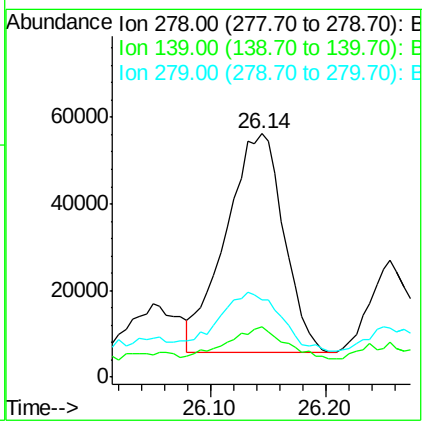


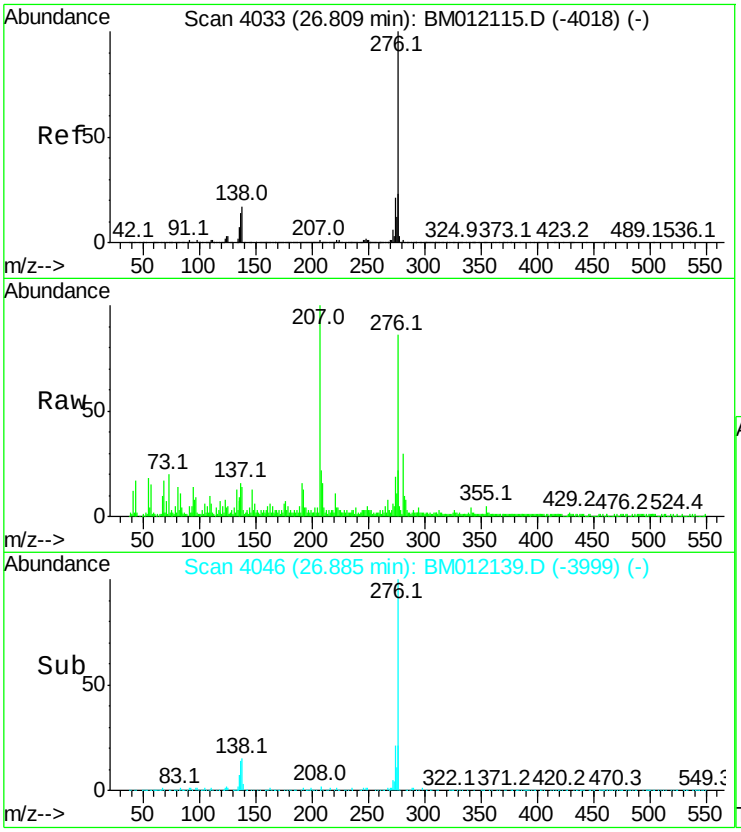


#90
Dibenzo(a,h)anthracene
Concen: 3.017 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. 0.06 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Tgt Ion:278 Resp: 176674

Ion	Ratio	Lower	Upper
278	100		
139	20.6	5.8	8.8#
279	31.6	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 10.617 ng/ul
RT: 26.89 min Scan# 4046
Delta R.T. 0.08 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 605683

Ion	Ratio	Lower	Upper
276	100		
138	16.4	8.5	12.7#
277	25.4	18.6	28.0