Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
Data File : BM004768.D
Acq On : 25 Mar 2016 02:14
Operator : UM/SJ
Sample : H1909-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4T48

Quant Time: Mar 25 03:22:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 03:18:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	78281	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	322123	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	164952	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	353315	5.00	ng/ul	0.00
18) Chrysene-d12	21.40	240	287737	5.00	ng/ul	-0.01
22) Perylene-d12	23.70	264	267165	5.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	6733	0.18	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2621	0.01	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	5993	0.01	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.67	128	608	0.00	ng/ul#	66
7) 2-Methylnaphthalene	12.29	142	103	0.00	ng/ul	91
9) Acenaphthylene	14.18	152	710	0.00	ng/ul#	78
10) Acenaphthene	14.52	153	161	0.00	ng/ul#	76
11) Fluorene	15.46	166	1092	0.00	ng/ul#	29
13) Pentachlorophenol	16.87	266	35	0.00	ng/ul	97
14) Phenanthrene	17.24	178	2678	0.00	ng/ul#	92
15) Anthracene	17.33	178	735	0.00	ng/ul#	51
17) Fluoranthene	19.27	202	6567	0.01	ng/ul	92
19) Pyrene	19.63	202	6651	0.01	ng/ul#	90
20) Benzo(a)anthracene	21.38	228	3878	0.01	ng/ul#	75
21) Chrysene	21.43	228	2947	0.00	ng/ul#	79
23) Benzo(b)fluoranthene	23.00	252	6315	0.01	ng/ul#	42
24) Benzo(k)fluoranthene	23.00	252	6315	0.01	ng/ul#	47
25) Benzo(a)pyrene	23.59	252	2758	0.00	ng/ul#	32
26) Indeno(1,2,3-cd)pyrene	26.02	276	2279	0.00	ng/ul#	86
27) Dibenzo(a,h)anthracene	26.03	278	483	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.72	276	2352	0.00	ng/ul#	50

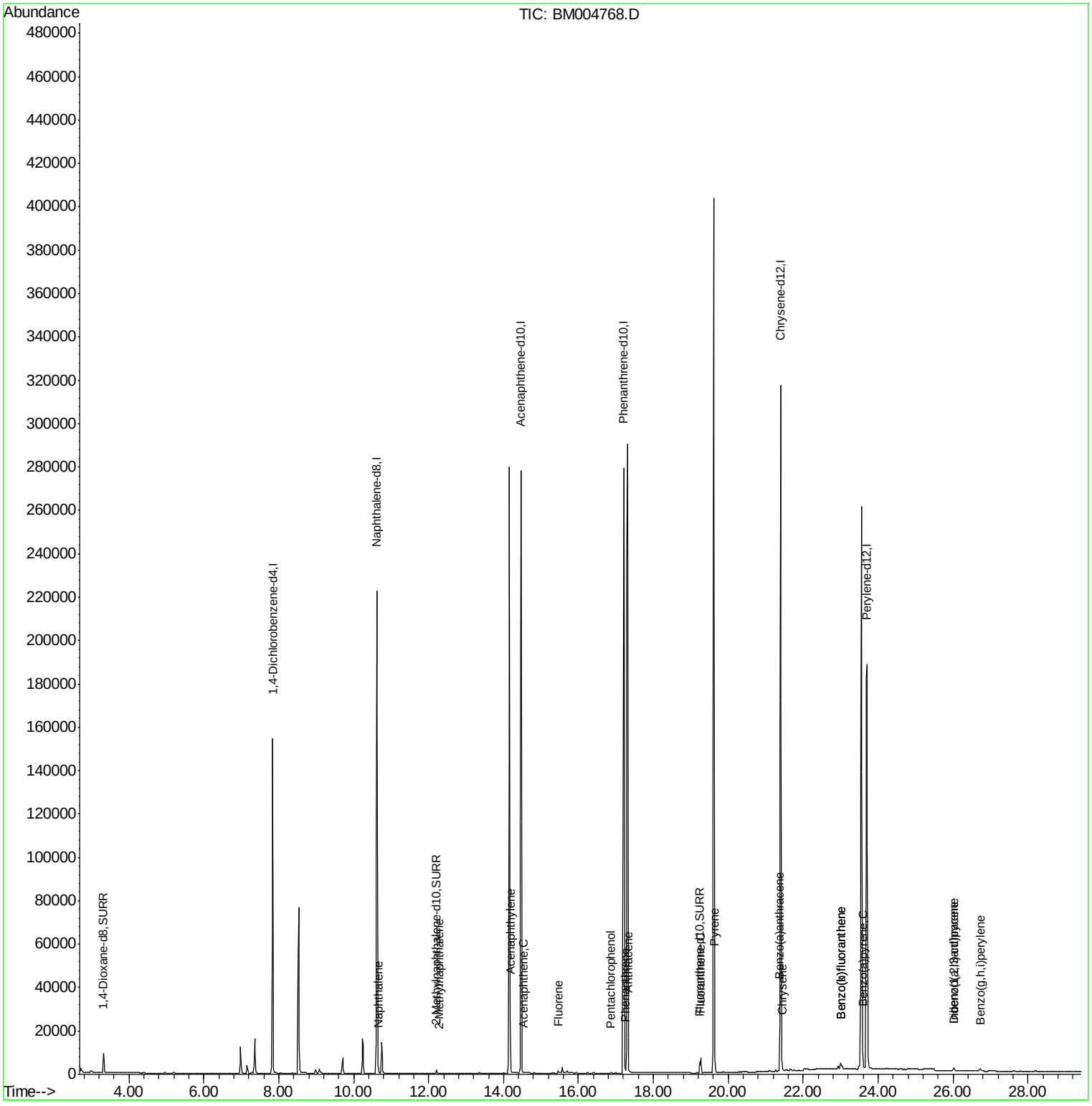
(#) = qualifier out of range (m) = manual integration (+) = signals summed

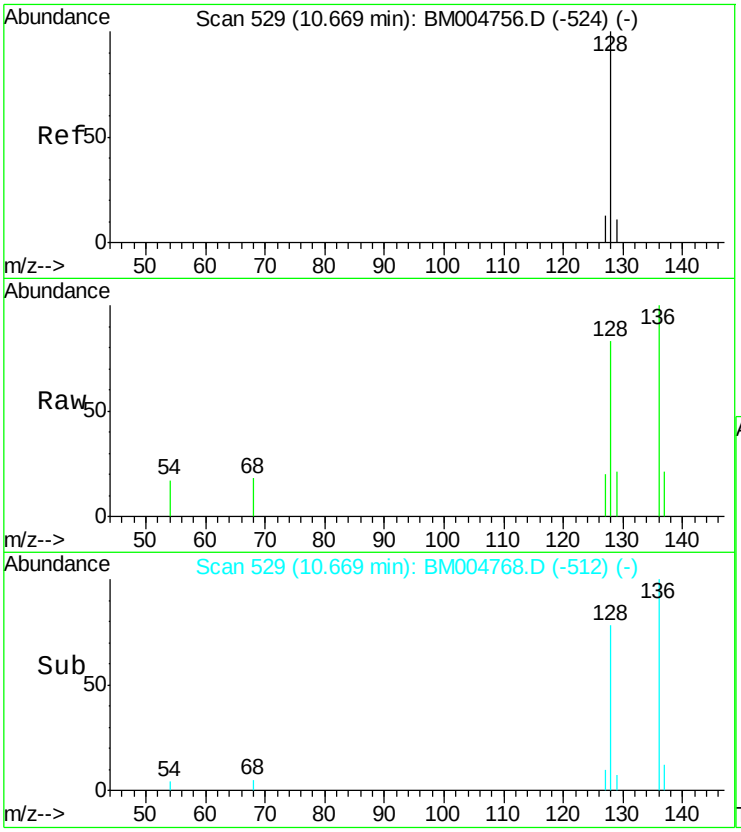
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
Data File : BM004768.D
Acq On : 25 Mar 2016 02:14
Operator : UM/SJ
Sample : H1909-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T48

Quant Time: Mar 25 03:22:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 03:18:48 2016
Response via : Initial Calibration



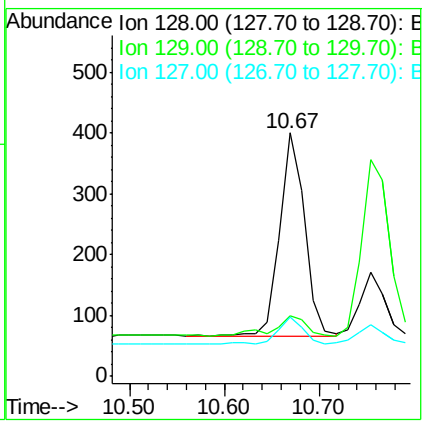


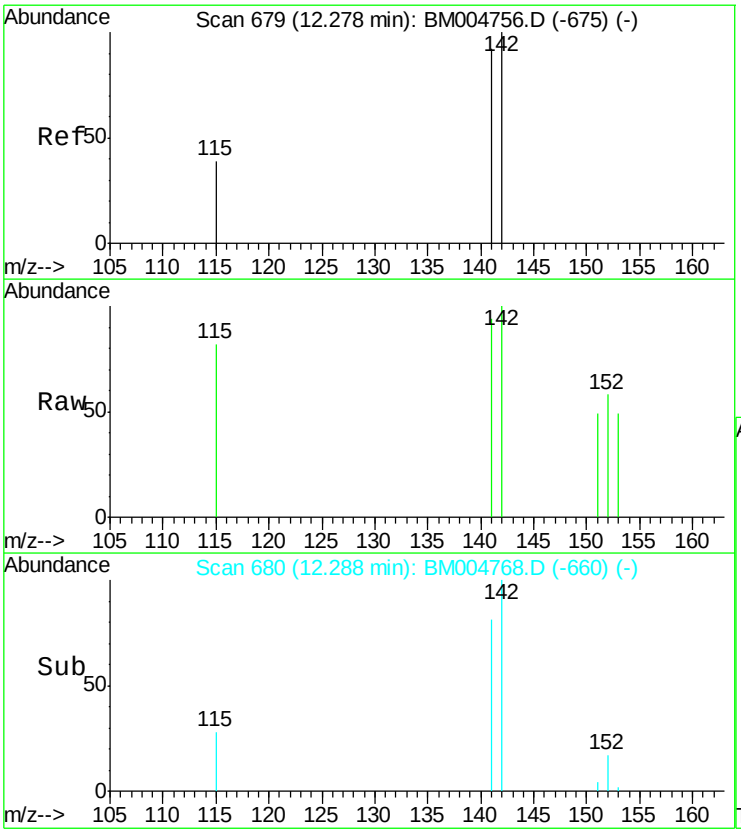
#5
Naphthalene
Concen: 0.00 ng/ul
RT: 10.67 min Scan# 529
Delta R.T. -0.00 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Instrument :
BNA_M
ClientSampleId :
A4T48

Tgt Ion:128 Resp: 608

Ion	Ratio	Lower	Upper
128	100		
129	25.0	9.0	13.6#
127	24.5	9.6	14.4#

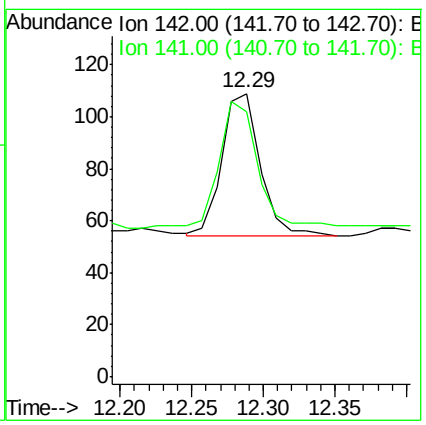


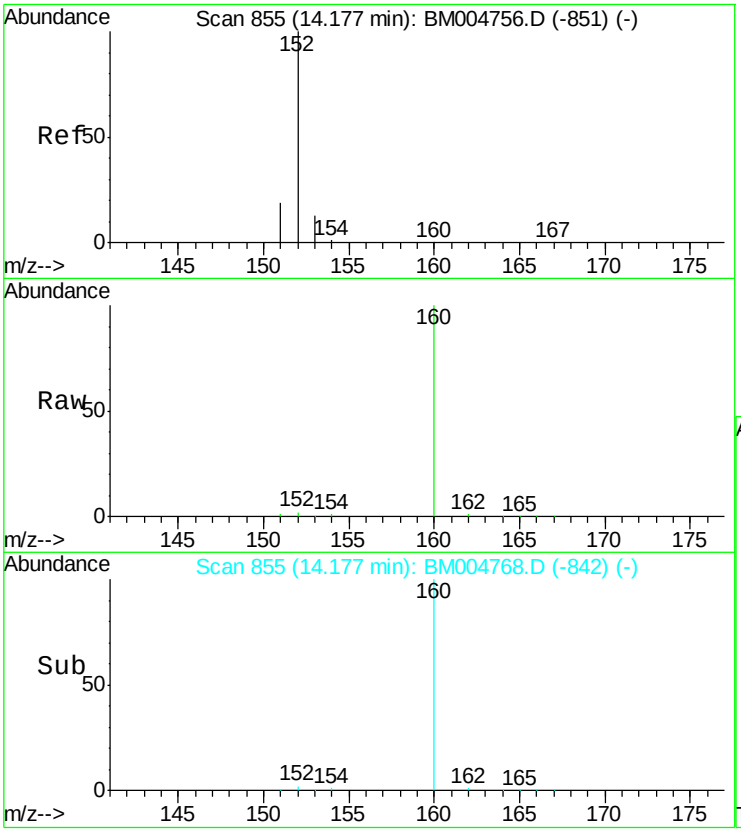


#7
2-Methylnaphthalene
Concen: 0.00 ng/ul
RT: 12.29 min Scan# 680
Delta R.T. 0.01 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Tgt Ion:142 Resp: 103

Ion	Ratio	Lower	Upper
142	100		
141	96.1	70.3	105.5



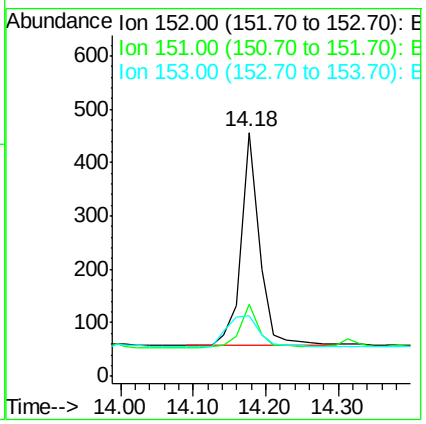


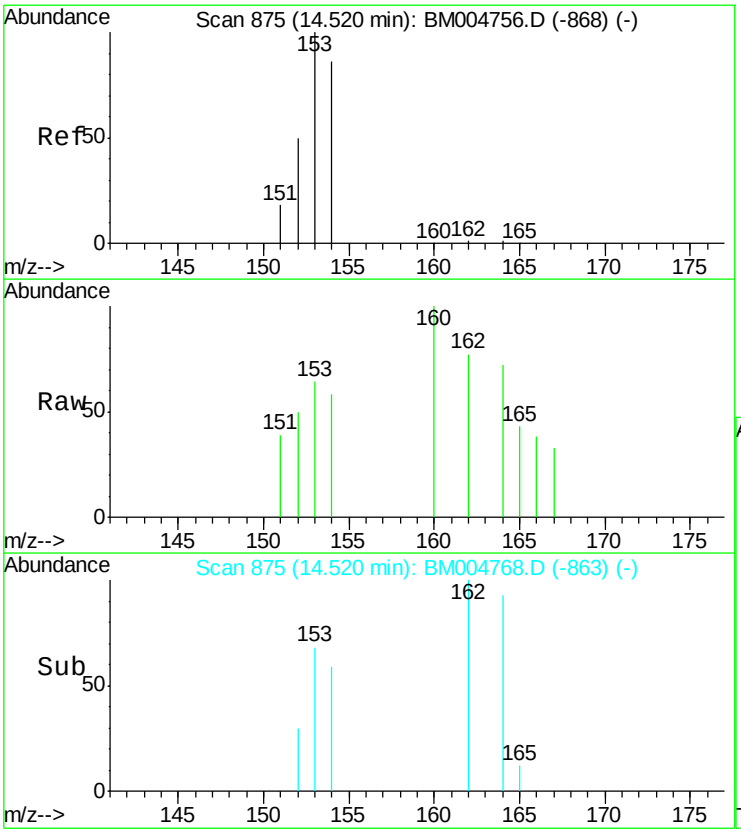
#9
Acenaphthylene
Concen: 0.00 ng/ul
RT: 14.18 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Instrument :
BNA_M
ClientSampleId :
A4T48

Tgt Ion:152 Resp: 710

Ion	Ratio	Lower	Upper
152	100		
151	29.6	17.6	26.4#
153	24.6	9.7	14.5#

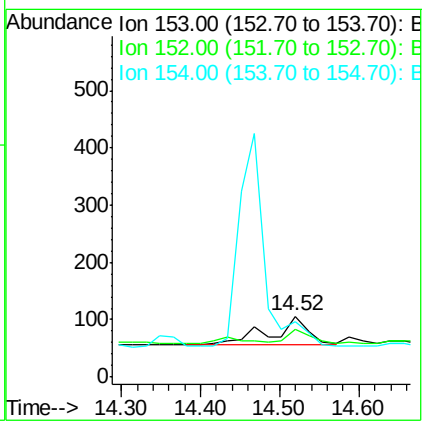


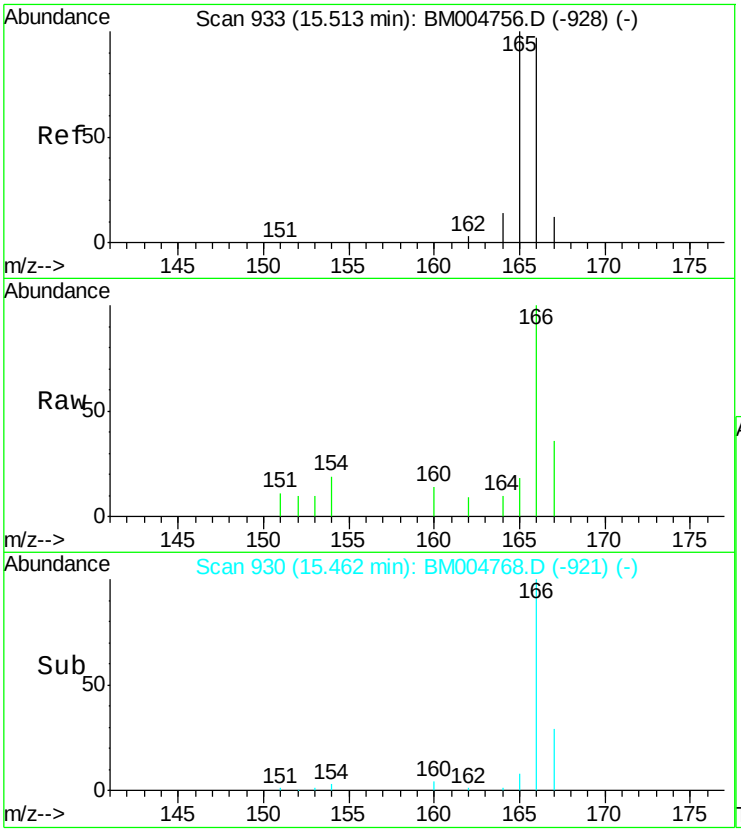


#10
Acenaphthene
Concen: 0.00 ng/ul
RT: 14.52 min Scan# 875
Delta R.T. -0.00 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Tgt Ion:153 Resp: 161

Ion	Ratio	Lower	Upper
153	100		
152	78.3	33.9	50.9#
154	90.6	80.6	121.0



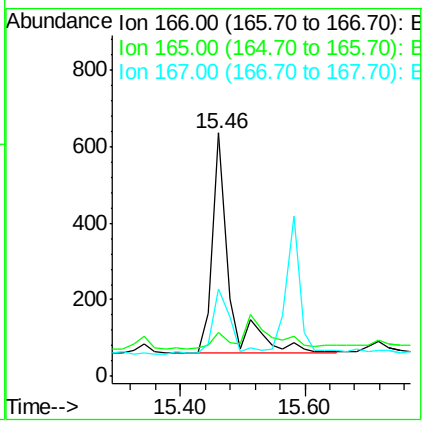


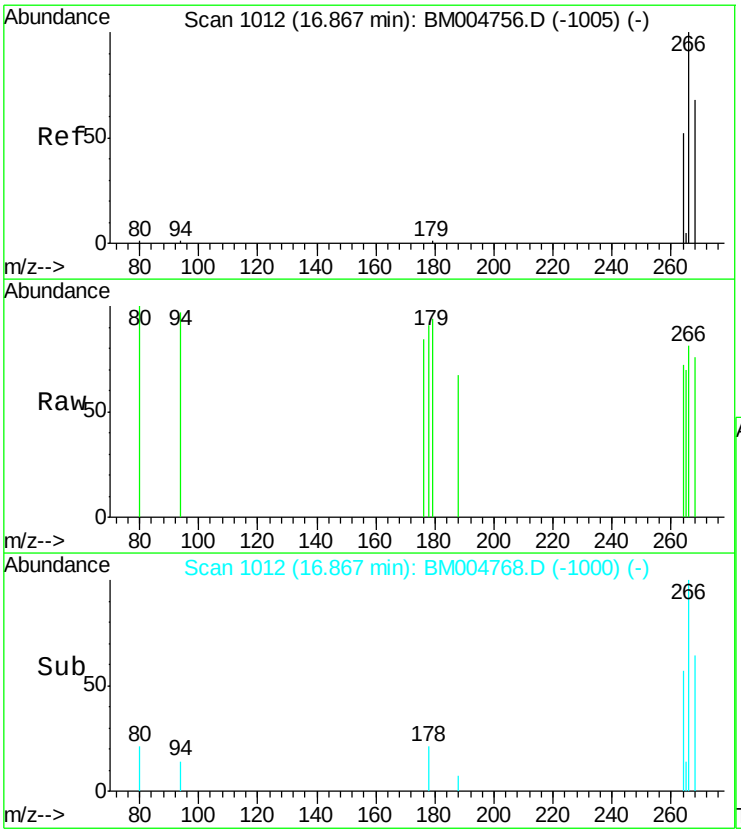
#11
Fluorene
Concen: 0.00 ng/ul
RT: 15.46 min Scan# 930
Delta R.T. -0.05 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Instrument :
BNA_M
ClientSampleId :
A4T48

Tgt Ion:166 Resp: 1092

Ion	Ratio	Lower	Upper
166	100		
165	18.2	69.6	104.4#
167	35.8	11.9	17.9#

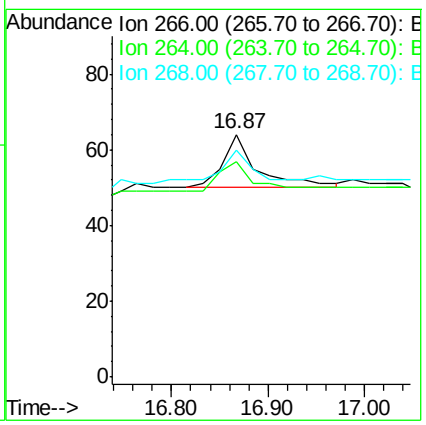


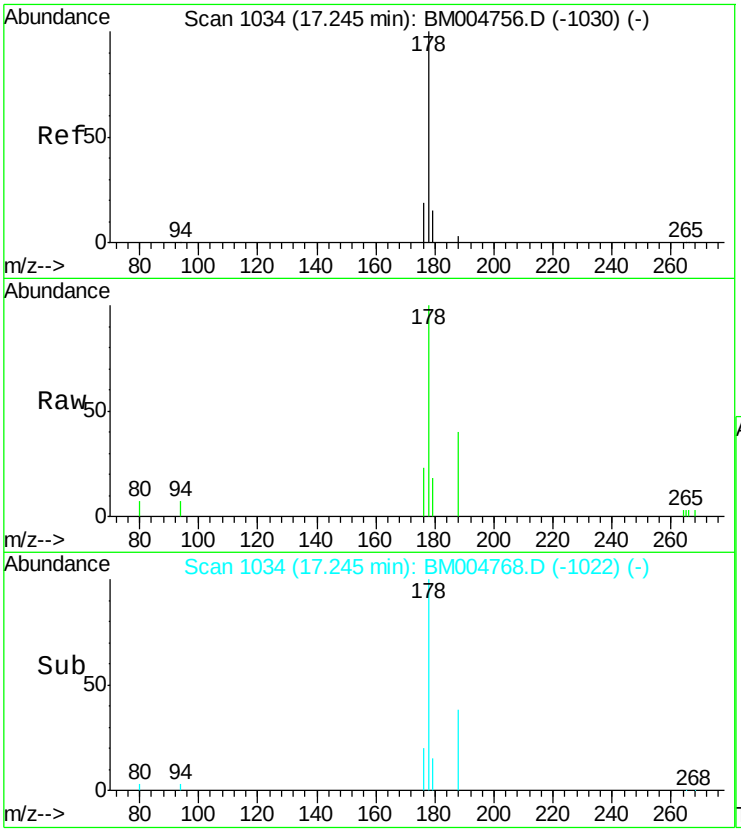


#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.87 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Tgt Ion:266 Resp: 35

Ion	Ratio	Lower	Upper
266	100		
264	65.7	51.8	77.8
268	62.9	46.8	70.2



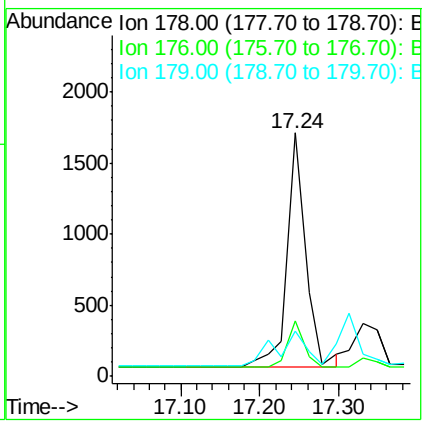


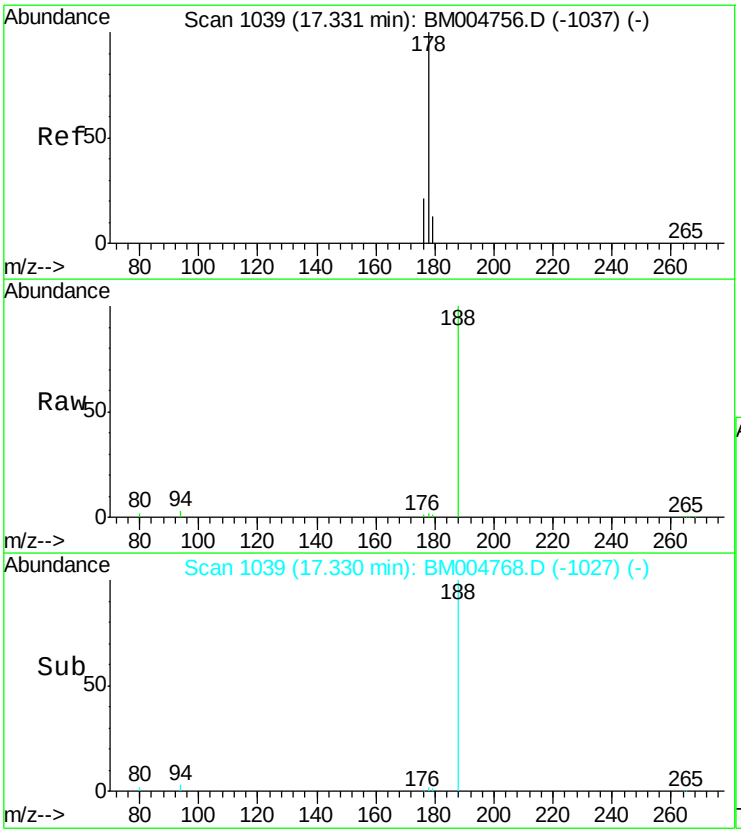
#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Instrument :
BNA_M
ClientSampleId :
A4T48

Tgt Ion:178 Resp: 2678

Ion	Ratio	Lower	Upper
178	100		
176	22.8	13.0	19.4#
179	18.5	14.2	21.2

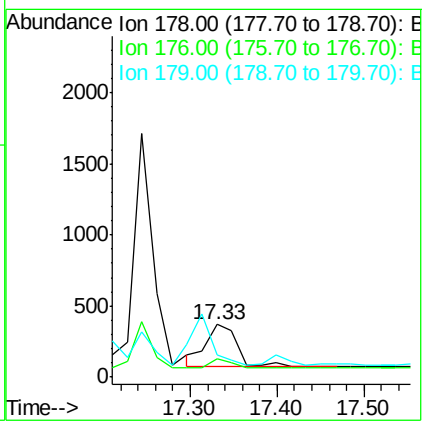


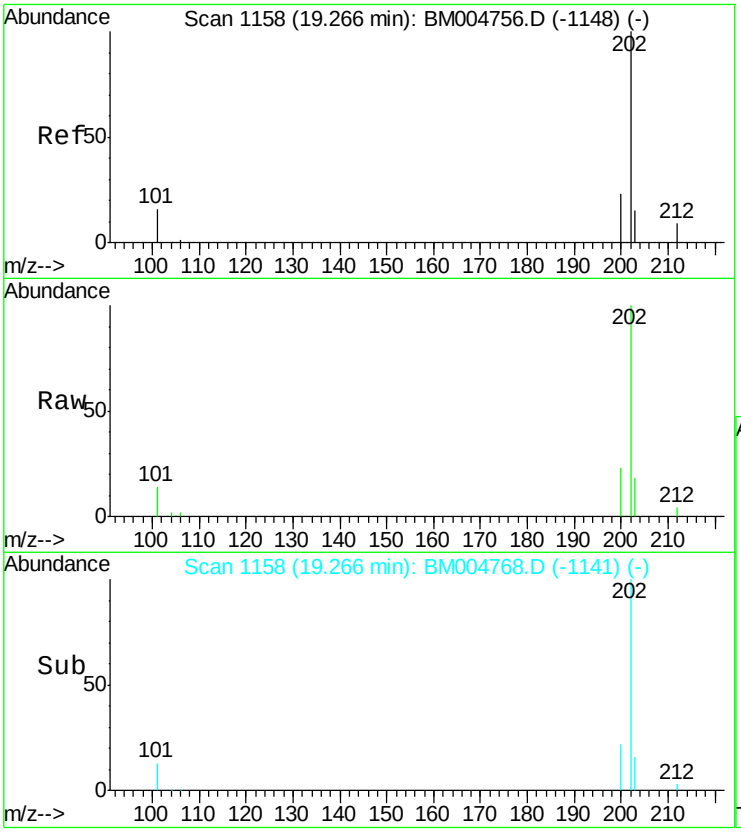


#15
Anthracene
Concen: 0.00 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Tgt Ion:178 Resp: 735

Ion	Ratio	Lower	Upper
178	100		
176	34.2	14.0	21.0#
179	41.8	12.9	19.3#



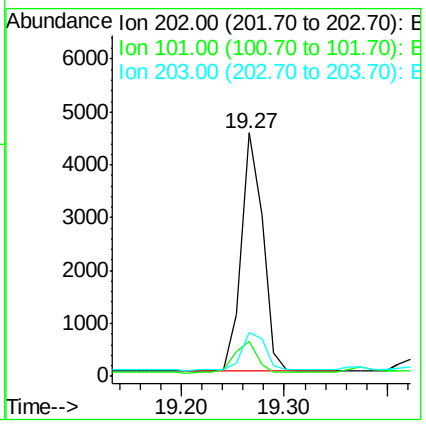


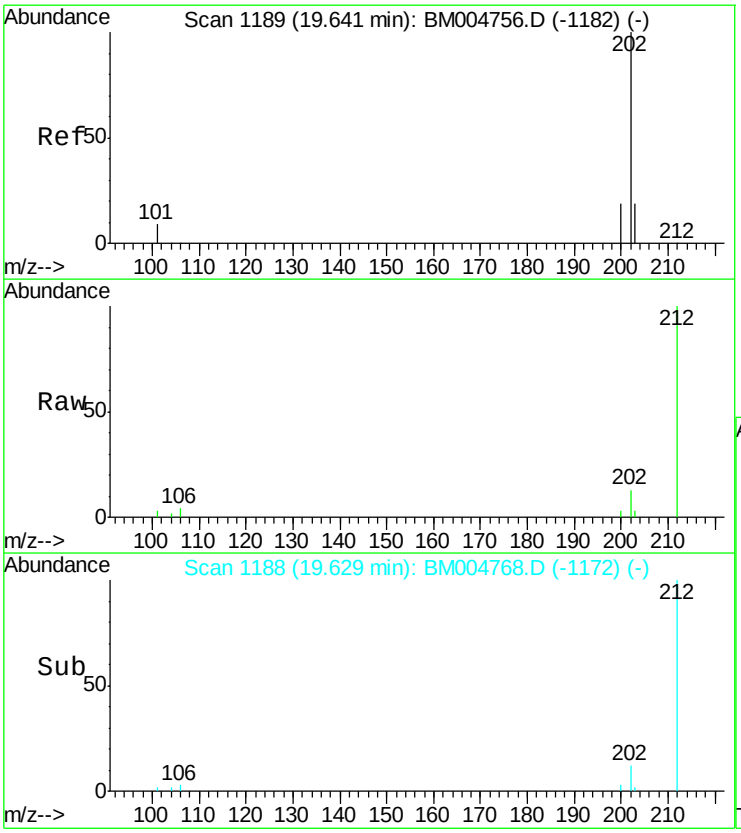
#17
Fluoranthene
Concen: 0.01 ng/ul
RT: 19.27 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Instrument :
BNA_M
ClientSampleId :
A4T48

Tgt Ion:202 Resp: 6567

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	29.6
203	18.2	0.0	36.3

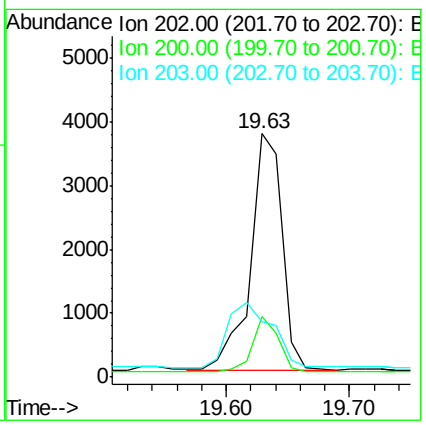


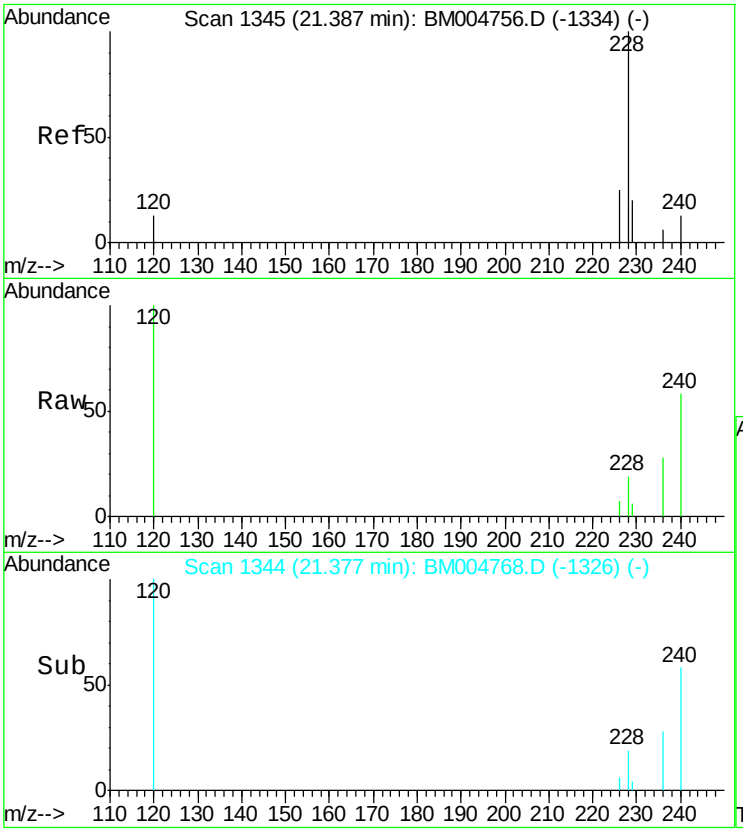


#19
Pyrene
Concen: 0.01 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Tgt Ion:202 Resp: 6651

Ion	Ratio	Lower	Upper
202	100		
200	24.9	17.8	26.8
203	22.5	12.8	19.2#



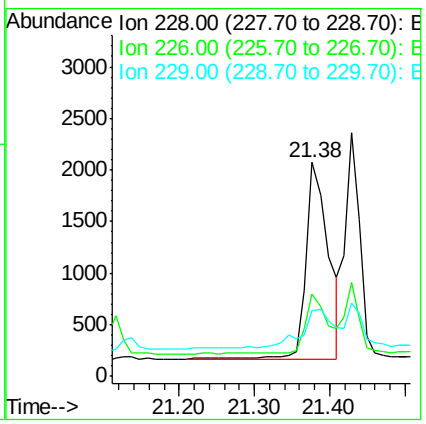


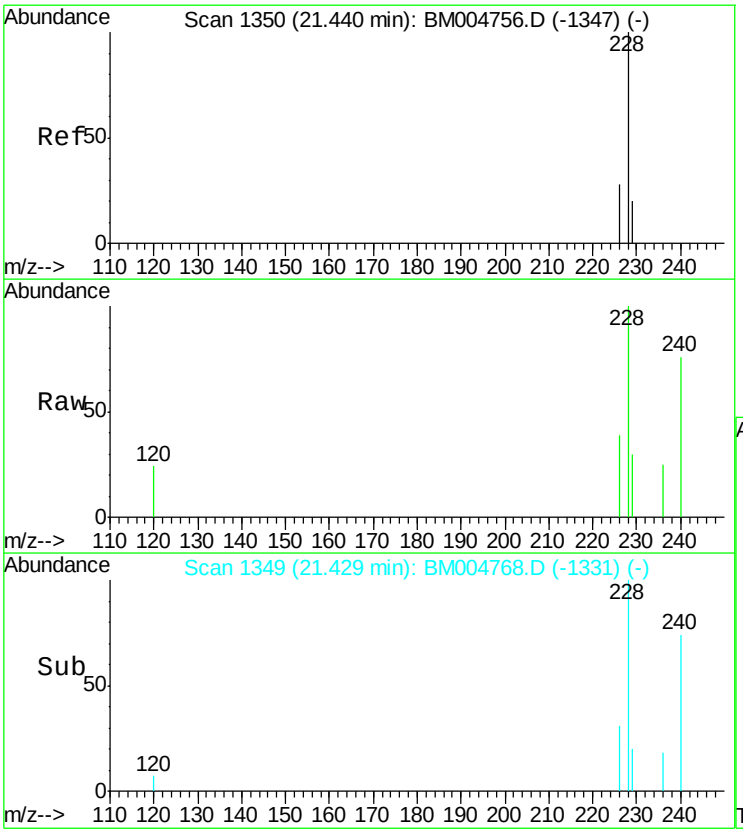
#20
Benzo(a)anthracene
Concen: 0.01 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Instrument :
BNA_M
ClientSampleId :
A4T48

Tgt Ion:228 Resp: 3878

Ion	Ratio	Lower	Upper
228	100		
226	38.6	18.8	28.2#
229	30.6	17.1	25.7#

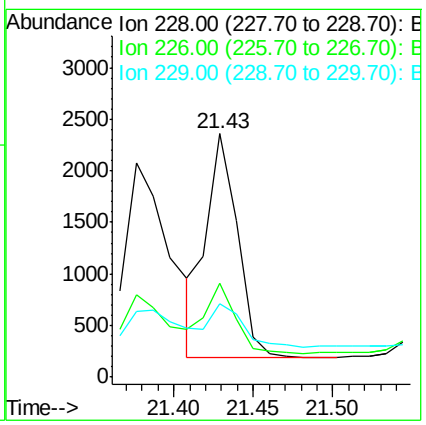


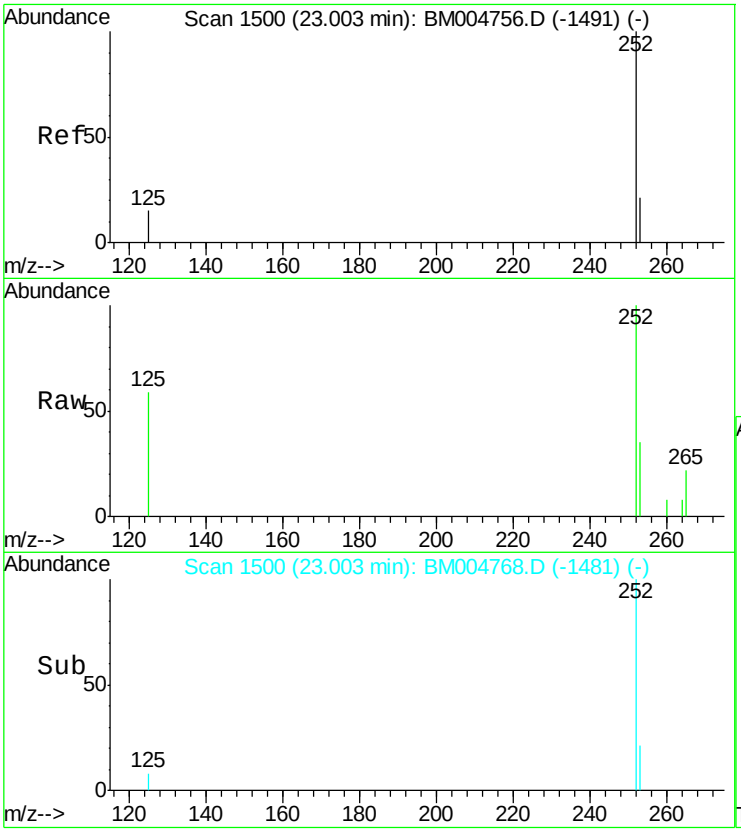


#21
Chrysene
Concen: 0.00 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Tgt Ion:228 Resp: 2947

Ion	Ratio	Lower	Upper
228	100		
226	38.6	21.2	31.8#
229	30.0	17.0	25.6#



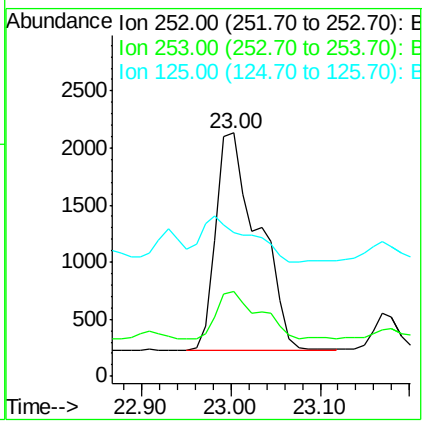


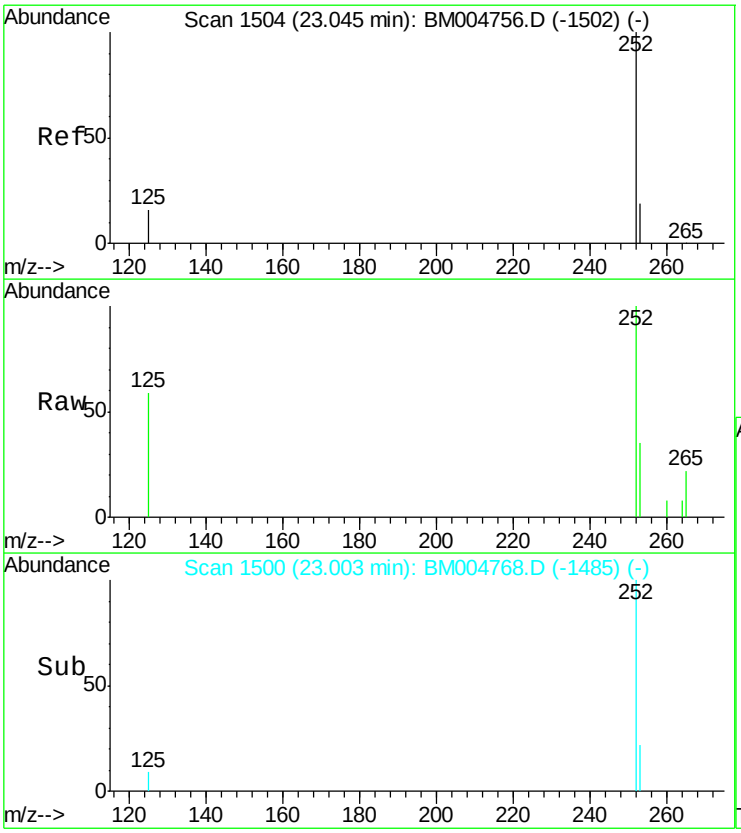
#23
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 23.00 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Instrument :
BNA_M
ClientSampleId :
A4T48

Tgt Ion:252 Resp: 6315

Ion	Ratio	Lower	Upper
252	100		
253	35.0	0.0	45.4
125	59.0	0.0	28.8#

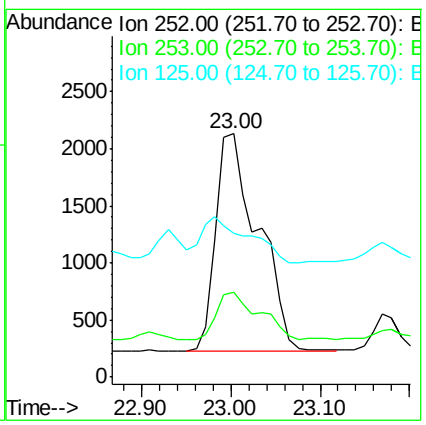


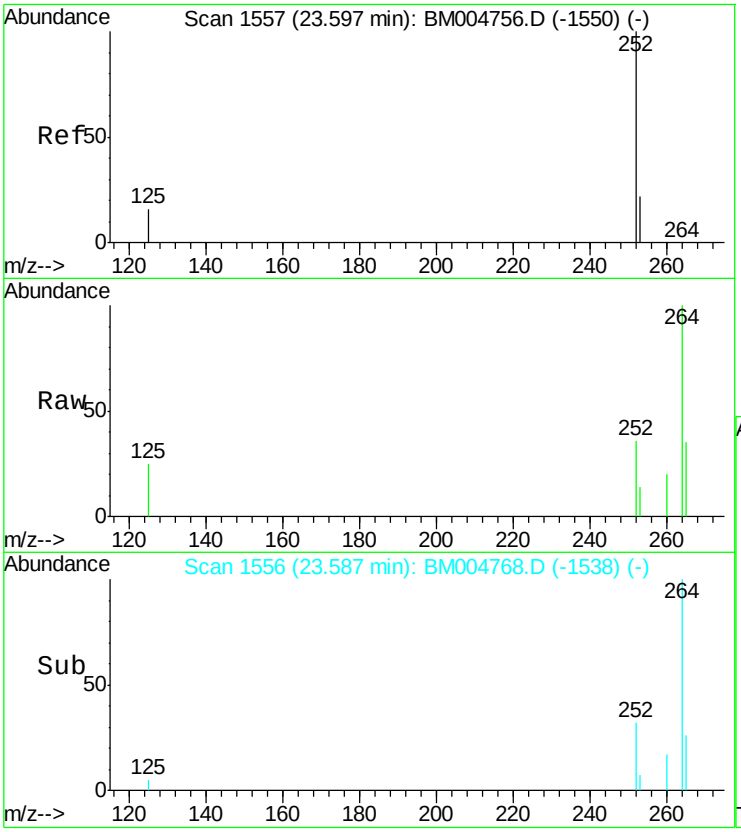


#24
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 23.00 min Scan# 1500
Delta R.T. -0.04 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Tgt Ion:252 Resp: 6315

Ion	Ratio	Lower	Upper
252	100		
253	35.0	19.8	29.8#
125	59.0	10.4	15.6#



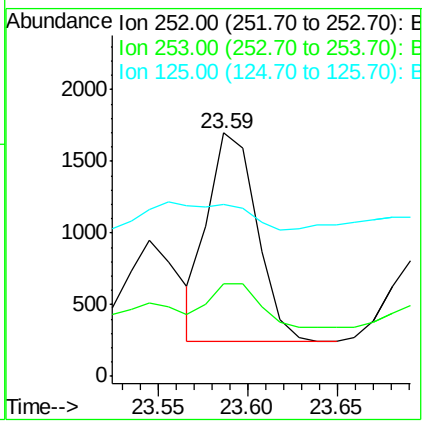


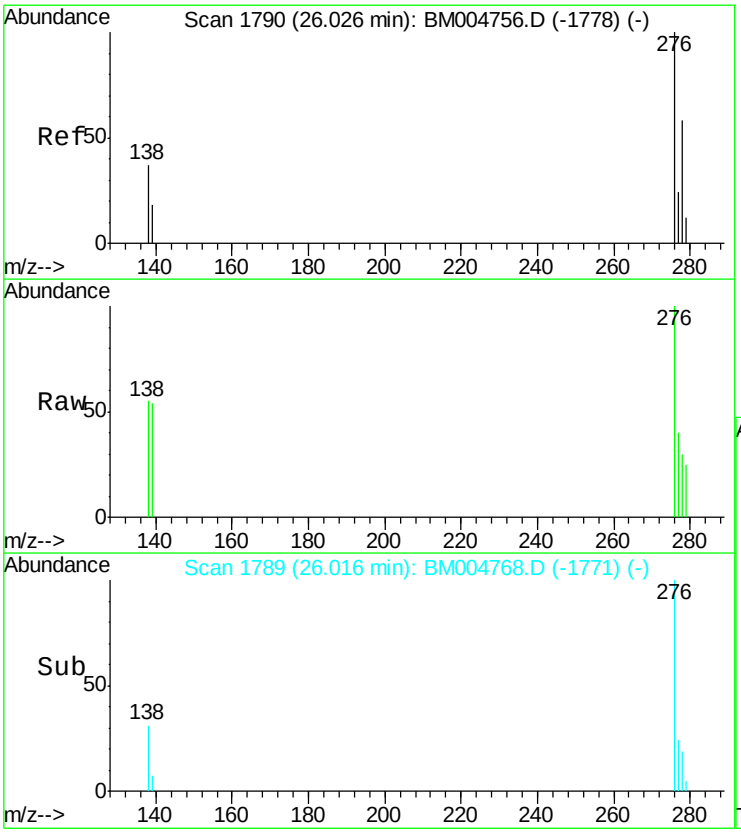
#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.59 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Instrument :
BNA_M
ClientSampleId :
A4T48

Tgt Ion:252 Resp: 2758

Ion	Ratio	Lower	Upper
252	100		
253	38.1	19.4	29.2#
125	70.9	12.7	19.1#

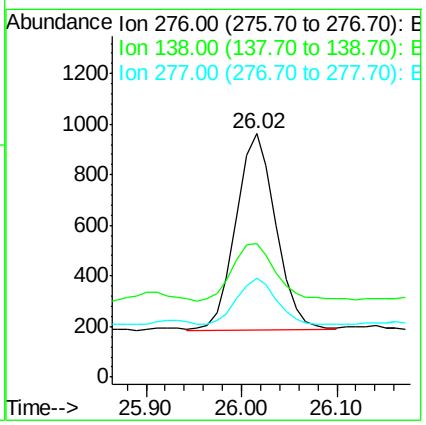


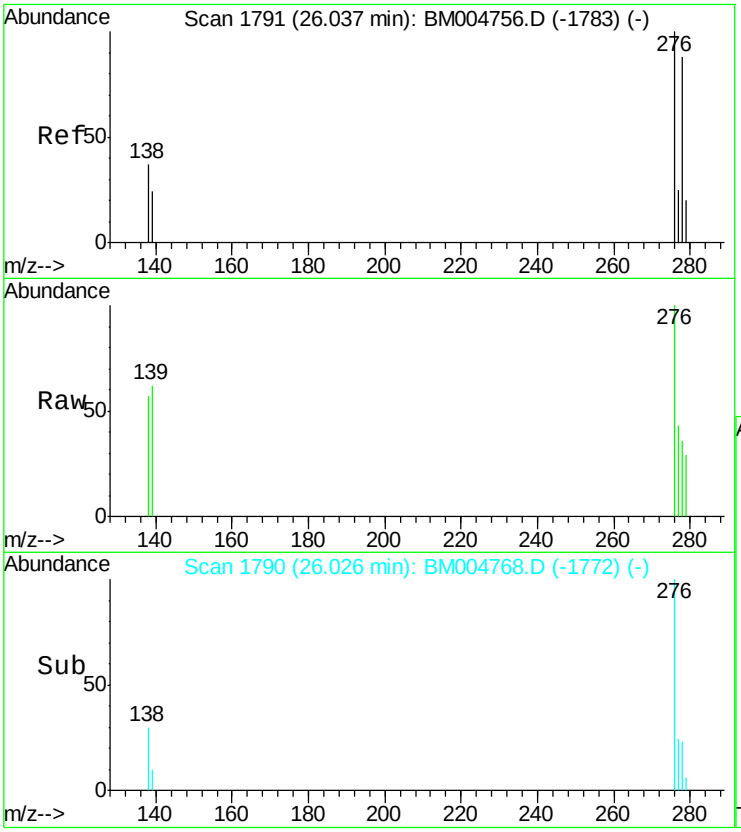


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 26.02 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Tgt Ion:276 Resp: 2279

Ion	Ratio	Lower	Upper
276	100		
138	32.8	16.3	24.5#
277	22.8	19.8	29.8



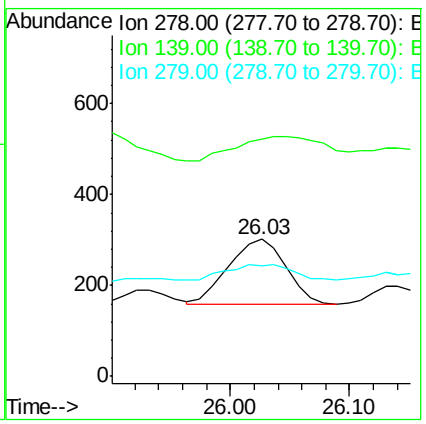


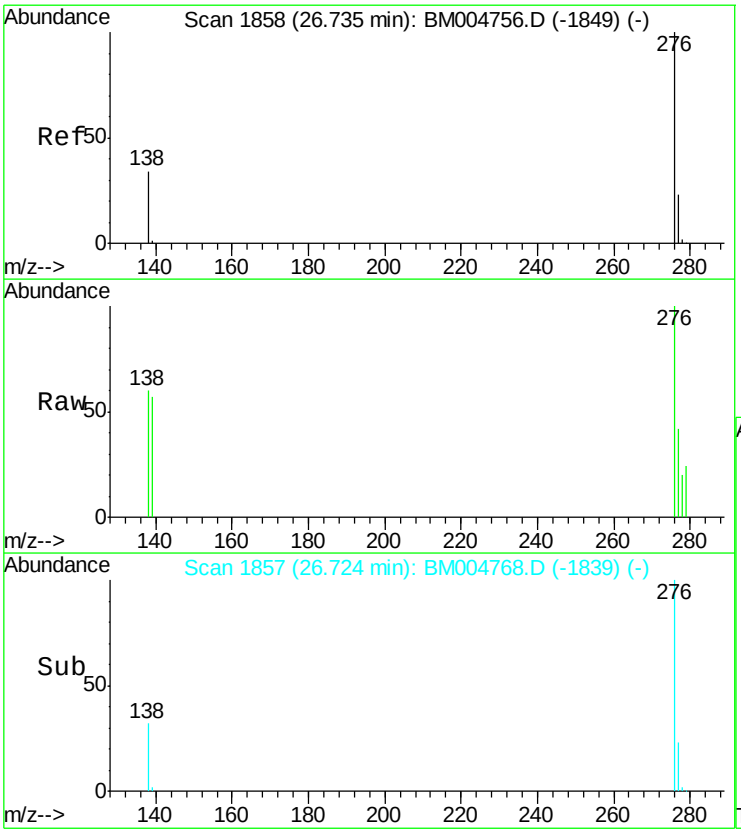
#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 26.03 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Instrument :
BNA_M
ClientSampleId :
A4T48

Tgt Ion:278 Resp: 483

Ion	Ratio	Lower	Upper
278	100		
139	173.4	16.4	24.6#
279	81.1	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.72 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM004768.D
Acq: 25 Mar 2016 02:14

Tgt Ion:276 Resp: 2352

Ion	Ratio	Lower	Upper
276	100		
277	42.5	18.9	28.3#
138	60.0	22.5	33.7#