Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4T43

Quant Time: Mar 26 02:44:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 26 02:43:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	926	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4380	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2819	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	440716	5.00	ng/ul	0.09
18) Chrysene-d12	21.39	240	6313	5.00	ng/ul	0.00
22) Perylene-d12	23.54	264	468706	5.00	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	5512	13.21	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2437	0.40	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	5981	0.01	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.67	128	439	0.04	ng/ul#	57
7) 2-Methylnaphthalene	12.28	142	87	0.01	ng/ul	99
9) Acenaphthylene	14.18	152	621	0.05	ng/ul#	80
10) Acenaphthene	14.52	153	81	0.01	ng/ul#	70
11) Fluorene	15.51	166	239	0.02	ng/ul#	73
13) Pentachlorophenol	16.87	266	29	0.00	ng/ul	93
14) Phenanthrene	17.33	178	952	0.00	ng/ul#	77
15) Anthracene	17.33	178	999	0.00	ng/ul#	76
17) Fluoranthene	19.26	202	6755	0.00	ng/ul	91
19) Pyrene	19.63	202	6770	0.31	ng/ul#	92
20) Benzo(a)anthracene	21.37	228	3427	0.18	ng/ul#	89
21) Chrysene	21.42	228	3739	0.20	ng/ul#	91
23) Benzo(b)fluoranthene	22.74	252	73	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	23.00	252	7114	0.00	ng/ul#	77
25) Benzo(a)pyrene	23.49	252	2778	0.00	ng/ul#	70
26) Indeno(1,2,3-cd)pyrene	25.76	276	297	0.00	ng/ul#	87
27) Dibenzo(a,h)anthracene	25.91	278	113	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.52	276	20	0.00	ng/ul#	1

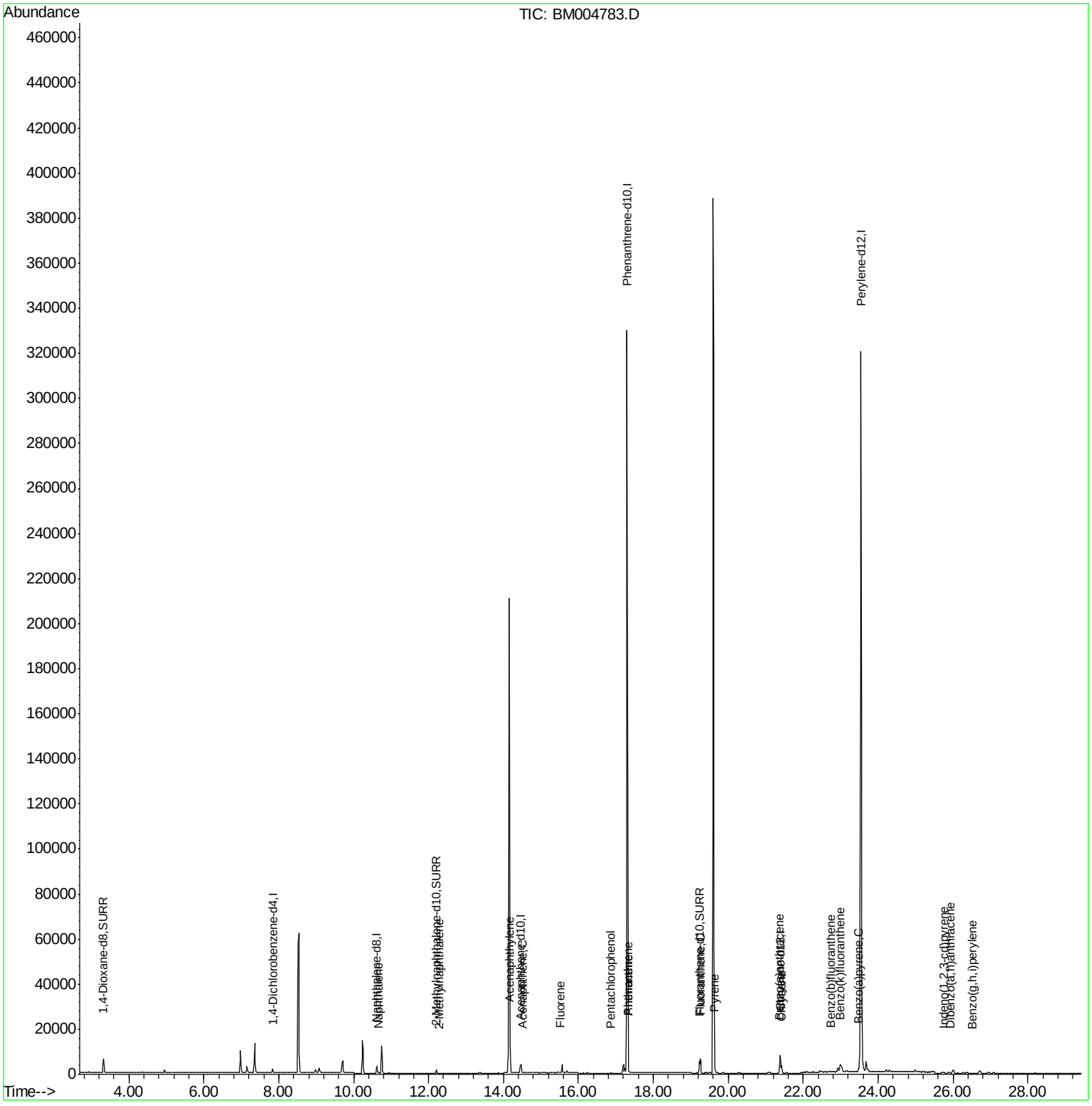
(#) = qualifier out of range (m) = manual integration (+) = signals summed

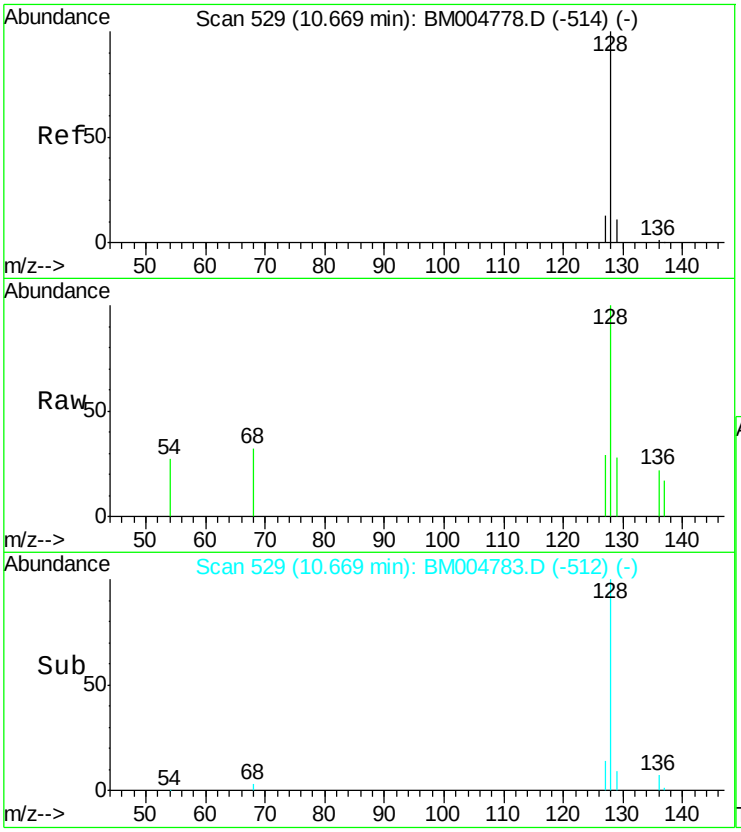
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T43

Quant Time: Mar 26 02:44:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 26 02:43:19 2016
Response via : Initial Calibration



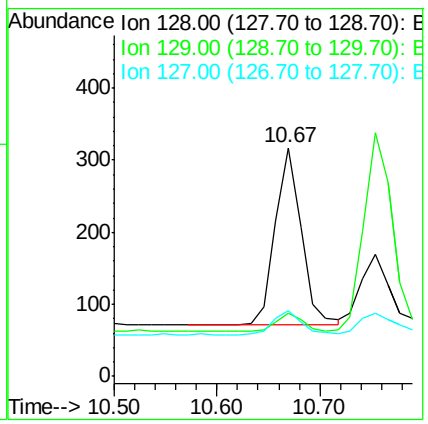


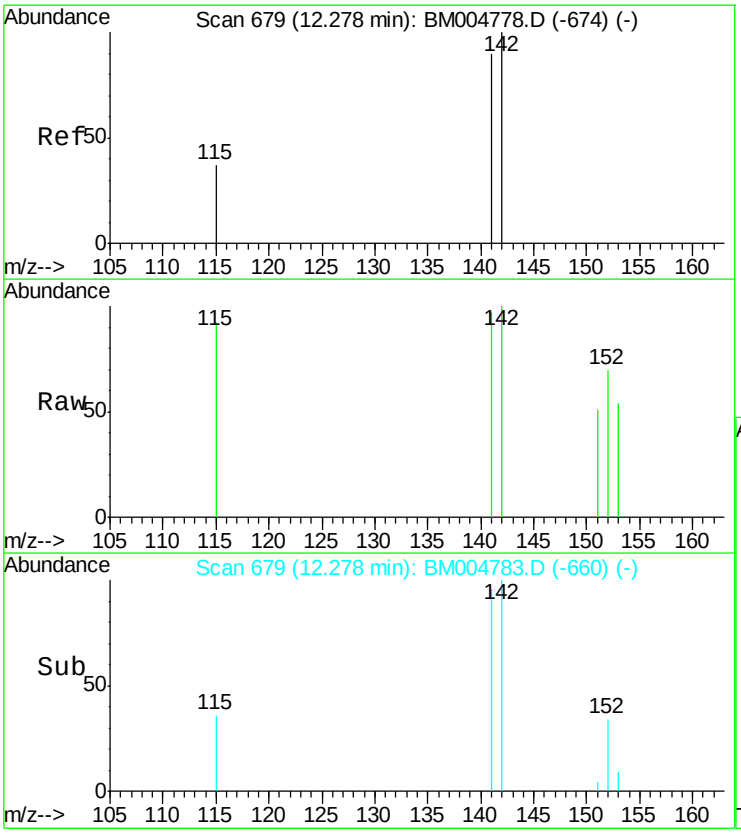
#5
Naphthalene
Concen: 0.04 ng/ul
RT: 10.67 min Scan# 529
Delta R.T. -0.00 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Instrument :
BNA_M
ClientSampleId :
A4T43

Tgt Ion:128 Resp: 439

Ion	Ratio	Lower	Upper
128	100		
129	27.8	9.0	13.6#
127	29.0	9.6	14.4#

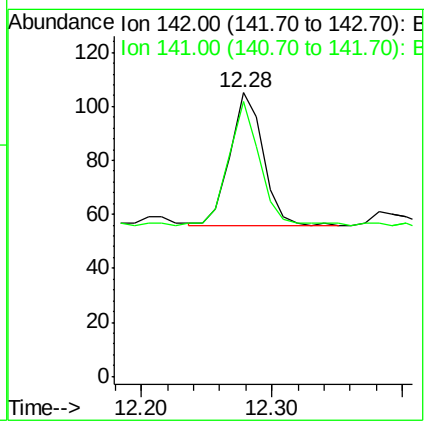


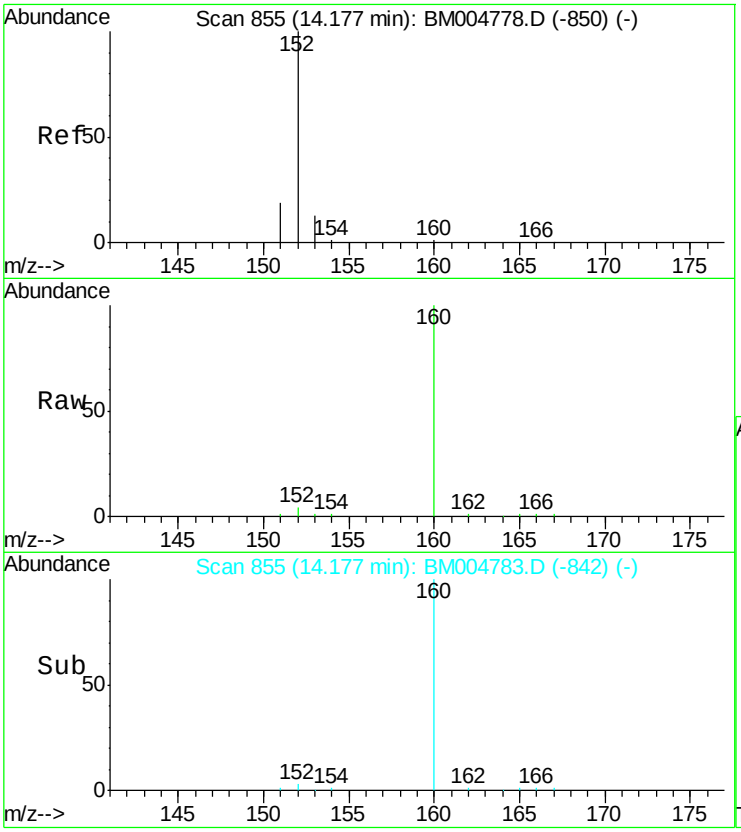


#7
2-Methylnaphthalene
Concen: 0.01 ng/ul
RT: 12.28 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Tgt Ion:142 Resp: 87

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5



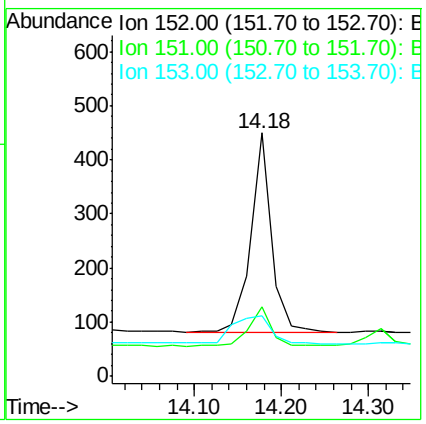


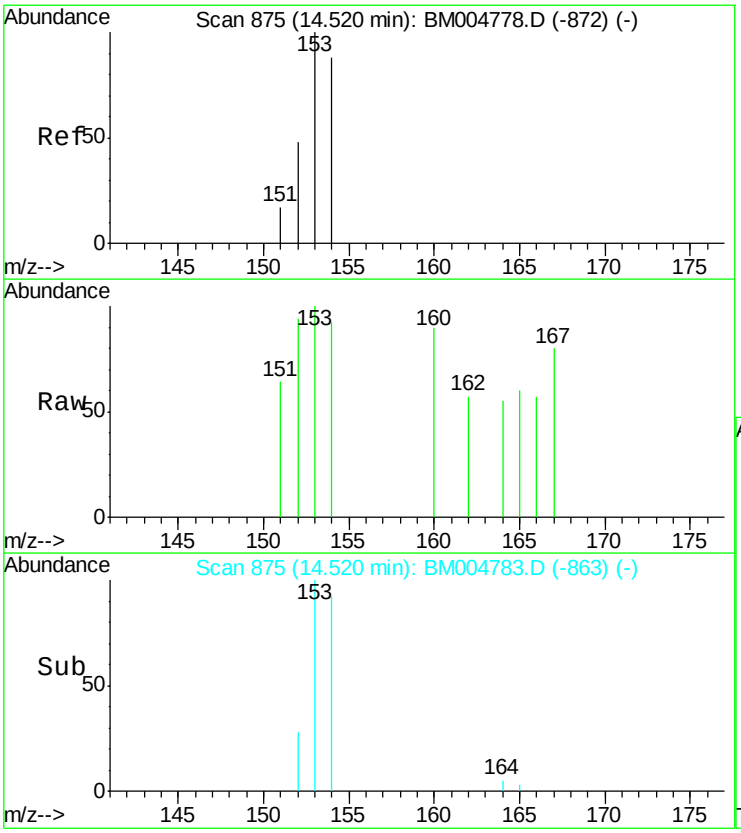
#9
Acenaphthylene
Concen: 0.05 ng/ul
RT: 14.18 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Instrument :
BNA_M
ClientSampleId :
A4T43

Tgt Ion:152 Resp: 621

Ion	Ratio	Lower	Upper
152	100		
151	28.7	17.6	26.4#
153	24.7	9.7	14.5#

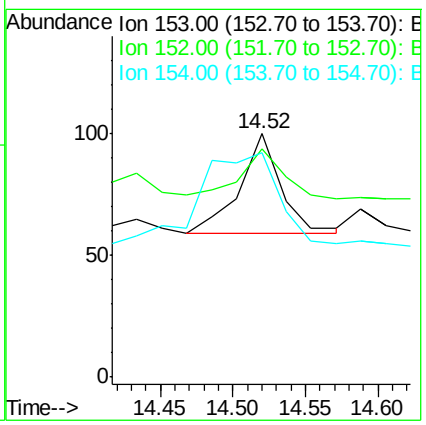


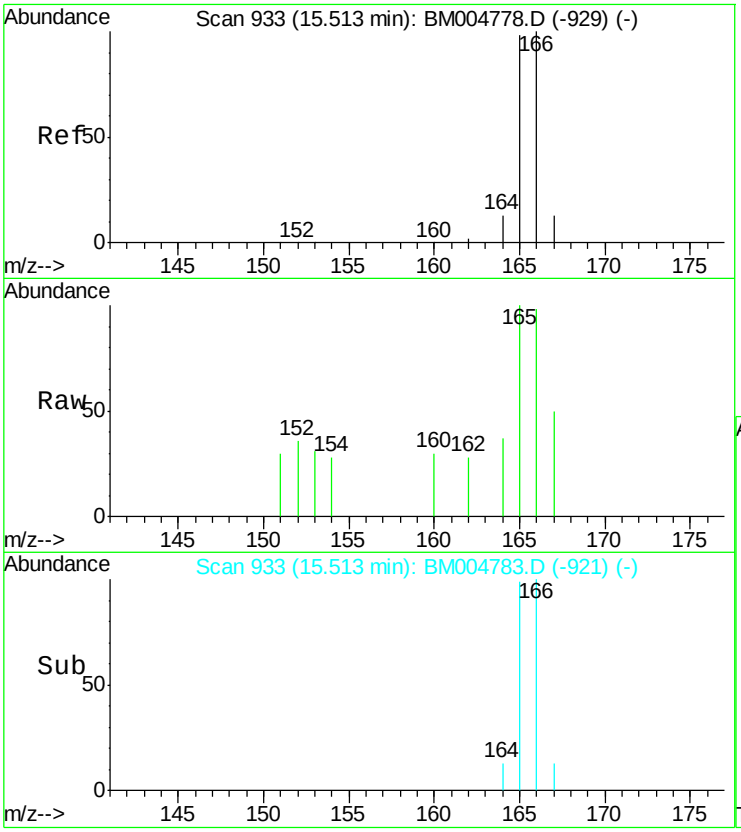


#10
Acenaphthene
Concen: 0.01 ng/ul
RT: 14.52 min Scan# 875
Delta R.T. -0.00 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Tgt Ion:153 Resp: 81

Ion	Ratio	Lower	Upper
153	100		
152	94.0	33.9	50.9#
154	92.0	80.6	121.0



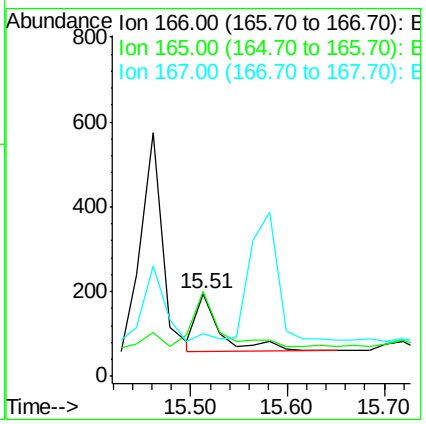


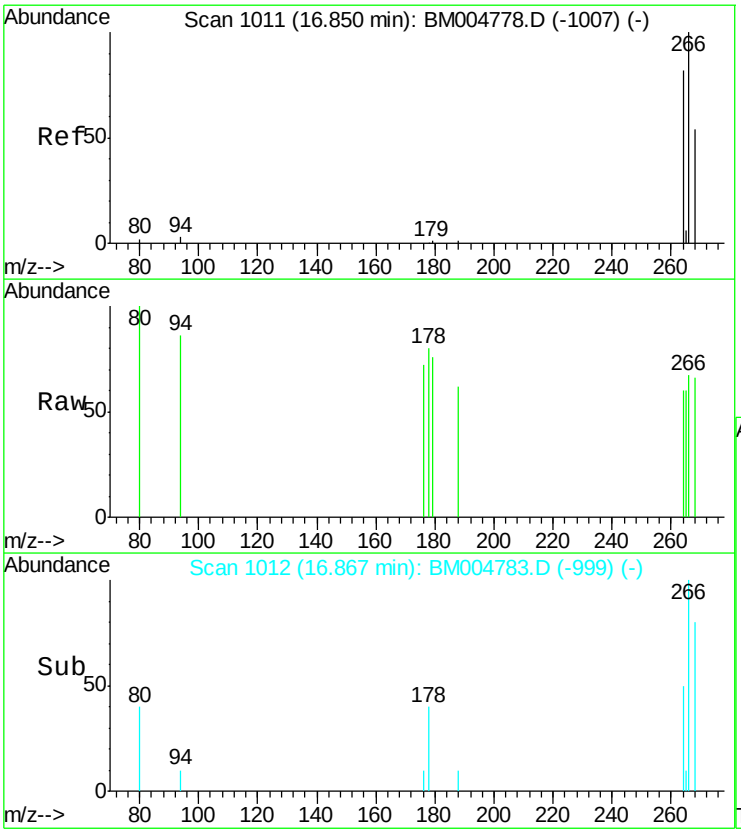
#11
Fluorene
Concen: 0.02 ng/ul
RT: 15.51 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Instrument :
BNA_M
ClientSampleId :
A4T43

Tgt Ion:166 Resp: 239

Ion	Ratio	Lower	Upper
166	100		
165	102.1	69.6	104.4
167	51.3	11.9	17.9#

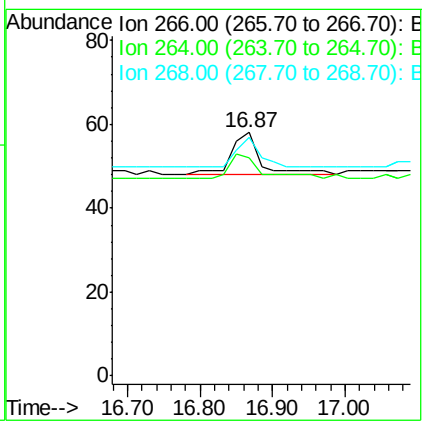


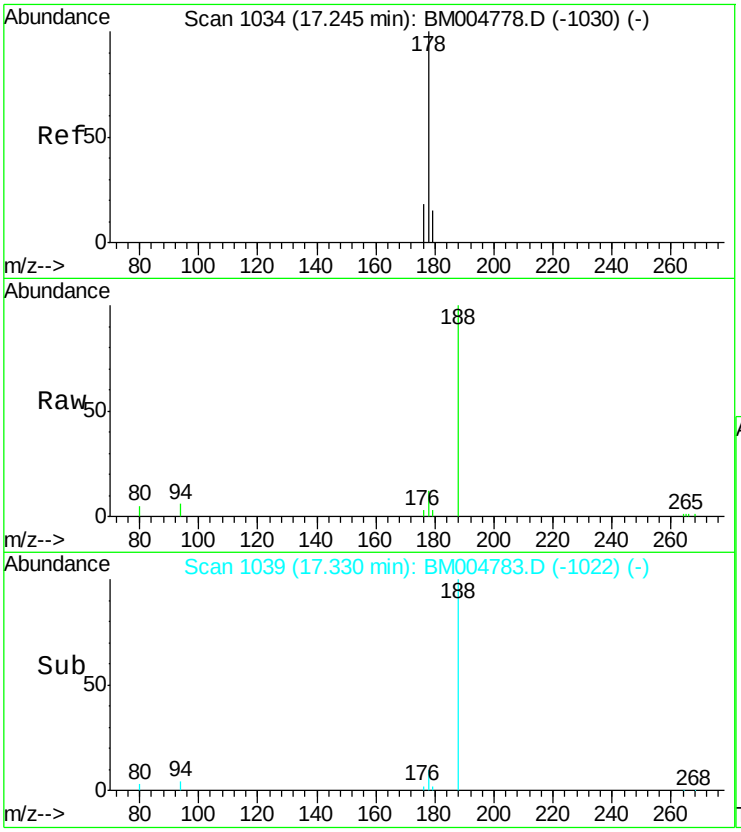


#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.87 min Scan# 1012
Delta R.T. 0.02 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Tgt Ion:266 Resp: 29

Ion	Ratio	Lower	Upper
266	100		
264	65.5	51.8	77.8
268	48.3	46.8	70.2



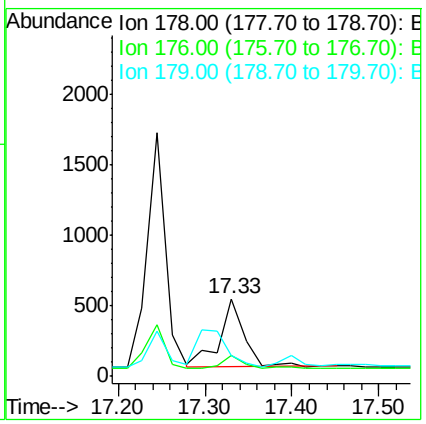


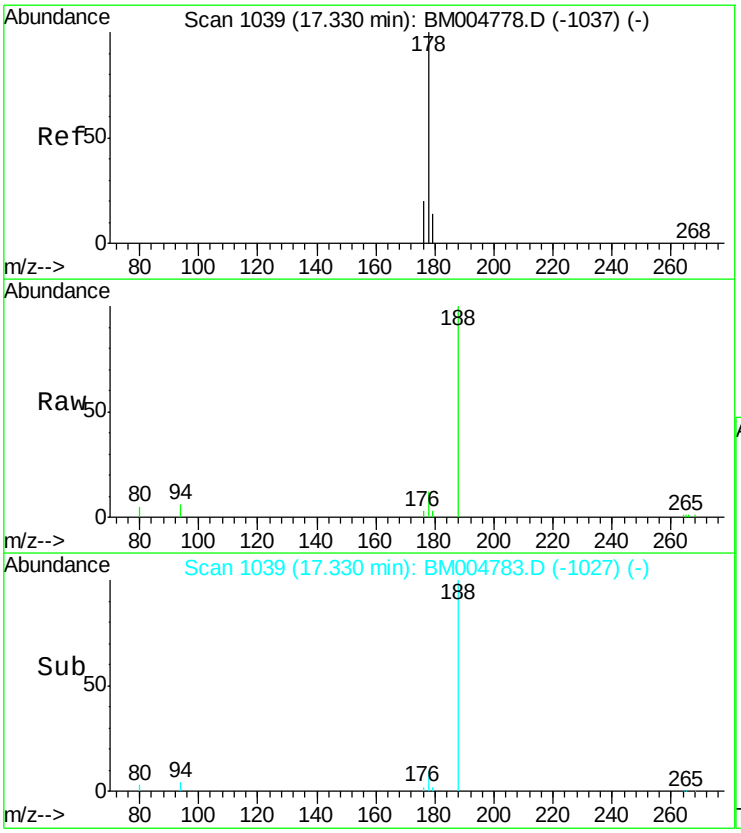
#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. 0.09 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Instrument :
BNA_M
ClientSampleId :
A4T43

Tgt Ion:178 Resp: 952

Ion	Ratio	Lower	Upper
178	100		
176	27.6	13.0	19.4#
179	26.7	14.2	21.2#

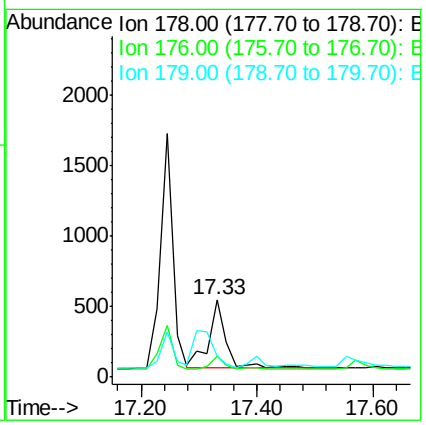


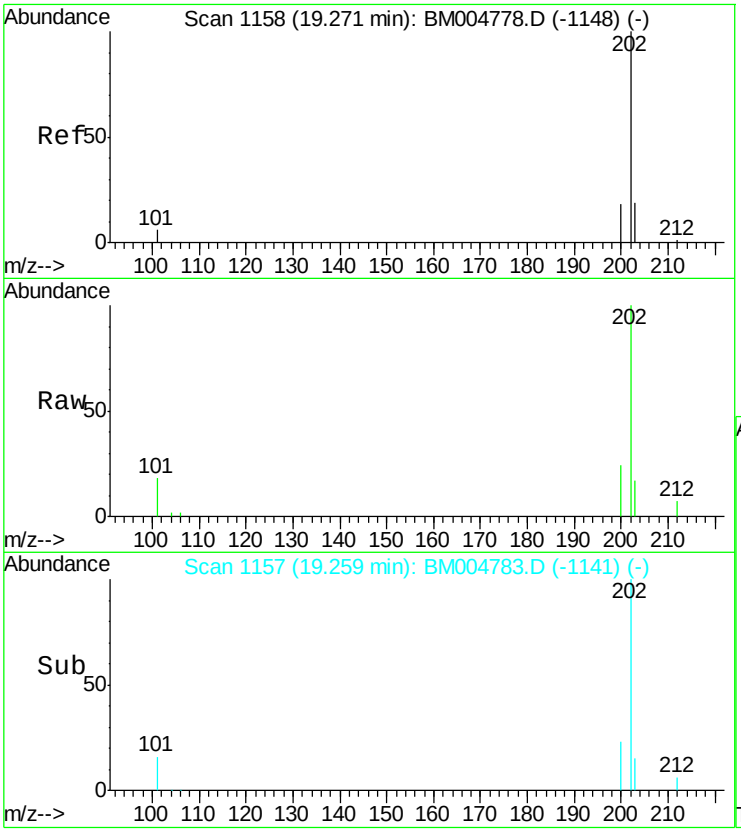


#15
Anthracene
Concen: 0.00 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Tgt Ion:178 Resp: 999

Ion	Ratio	Lower	Upper
178	100		
176	27.6	14.0	21.0#
179	26.7	12.9	19.3#



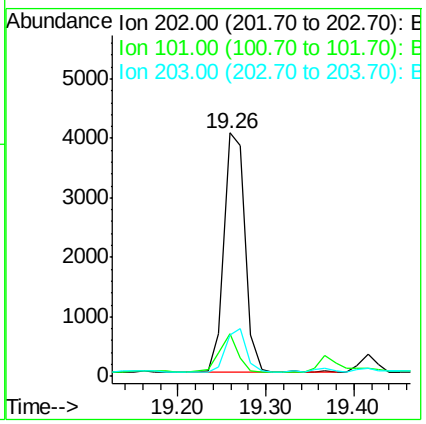


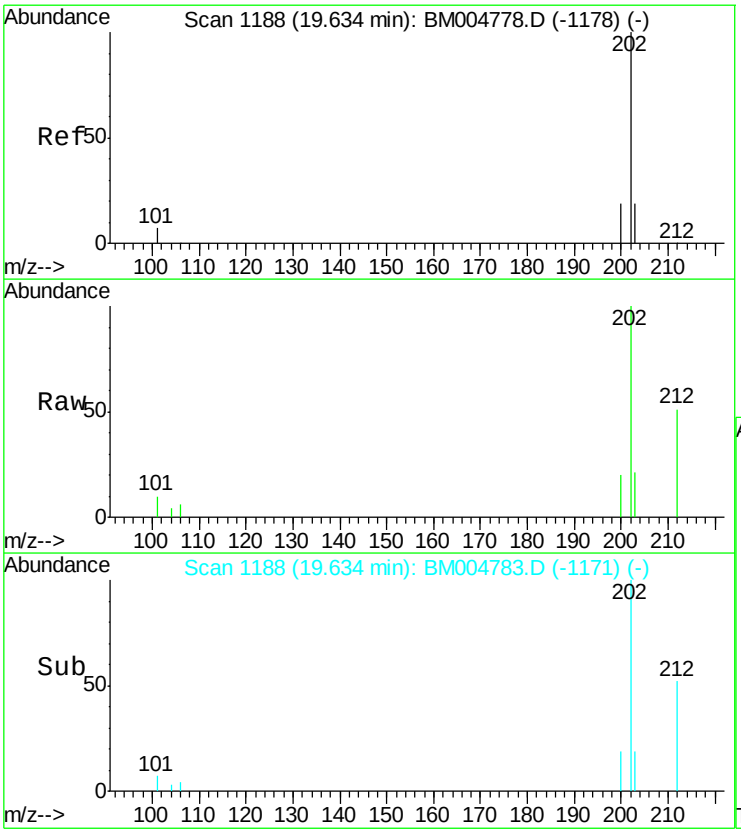
#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.26 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Instrument :
BNA_M
ClientSampleId :
A4T43

Tgt Ion:202 Resp: 6755

Ion	Ratio	Lower	Upper
202	100		
101	17.7	0.0	29.6
203	16.9	0.0	36.3

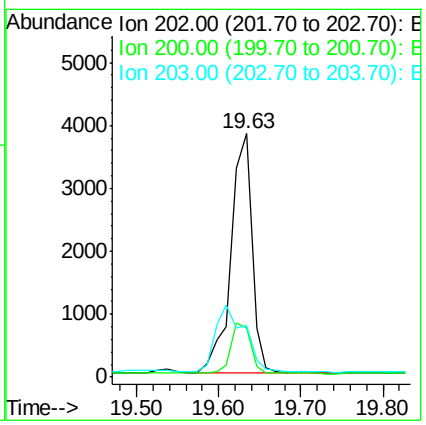


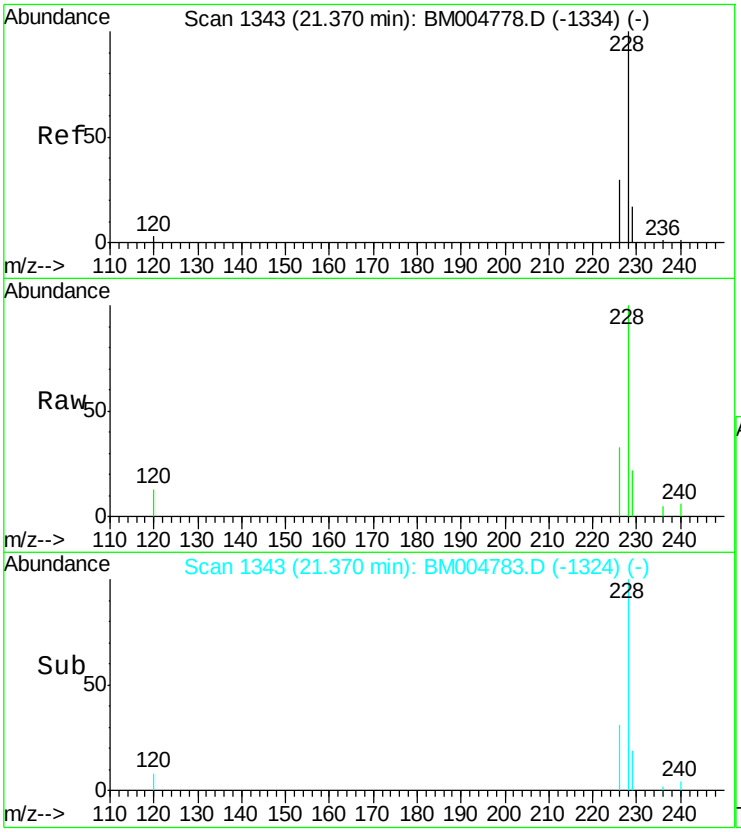


#19
Pyrene
Concen: 0.31 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Tgt Ion:202 Resp: 6770

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.8	26.8
203	21.0	12.8	19.2#



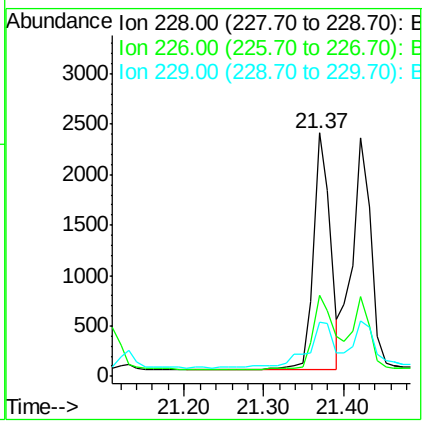


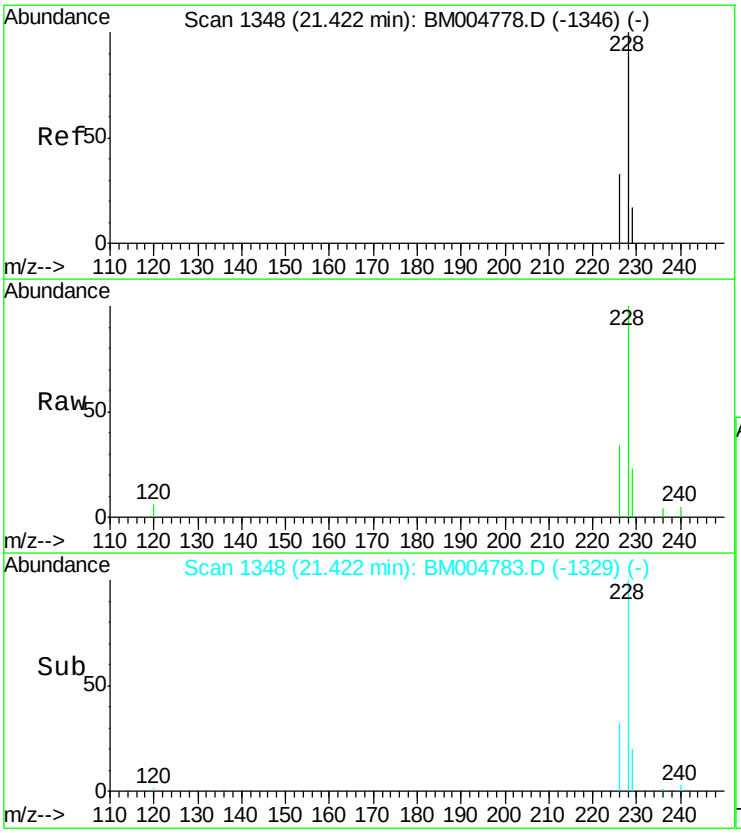
#20
Benzo(a)anthracene
Concen: 0.18 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Instrument :
BNA_M
ClientSampleId :
A4T43

Tgt Ion:228 Resp: 3427

Ion	Ratio	Lower	Upper
228	100		
226	33.4	18.8	28.2#
229	22.0	17.1	25.7

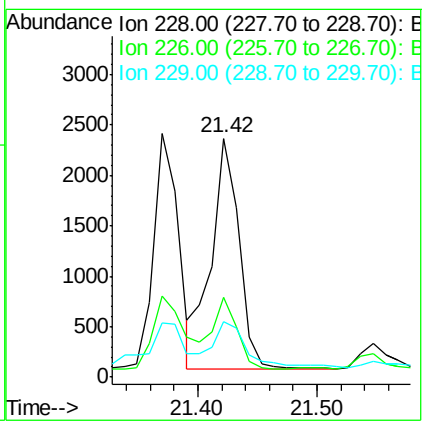


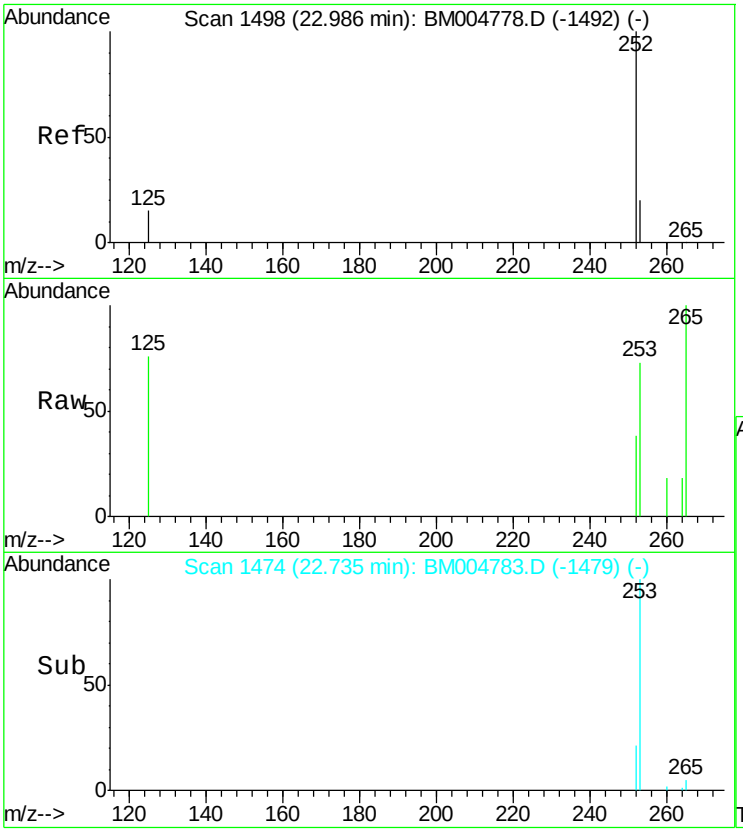


#21
Chrysene
Concen: 0.20 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Tgt Ion:228 Resp: 3739

Ion	Ratio	Lower	Upper
228	100		
226	33.6	21.2	31.8#
229	23.2	17.0	25.6



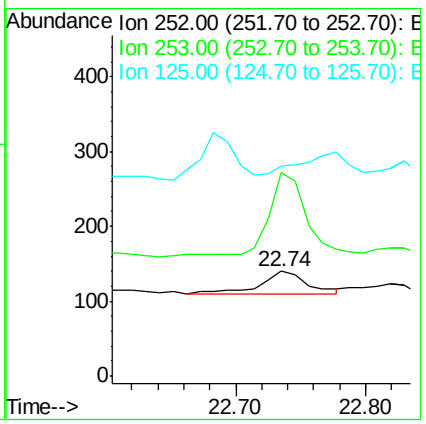


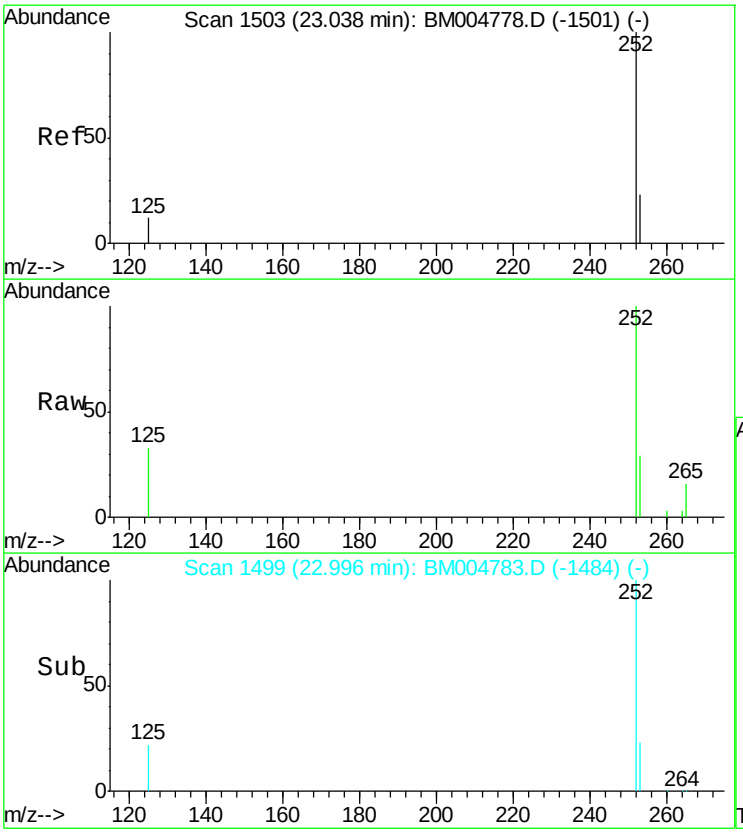
#23
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 22.74 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Instrument :
BNA_M
ClientSampleId :
A4T43

Tgt Ion:252 Resp: 73

Ion	Ratio	Lower	Upper
252	100		
253	194.3	0.0	45.4#
125	200.7	0.0	28.8#

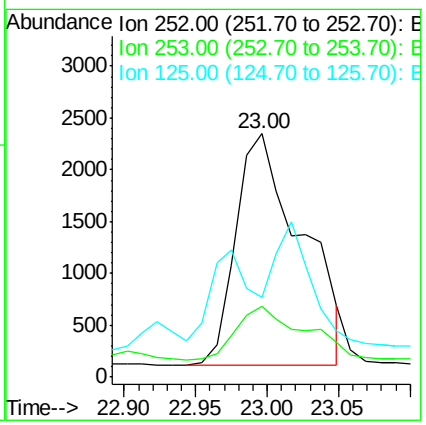


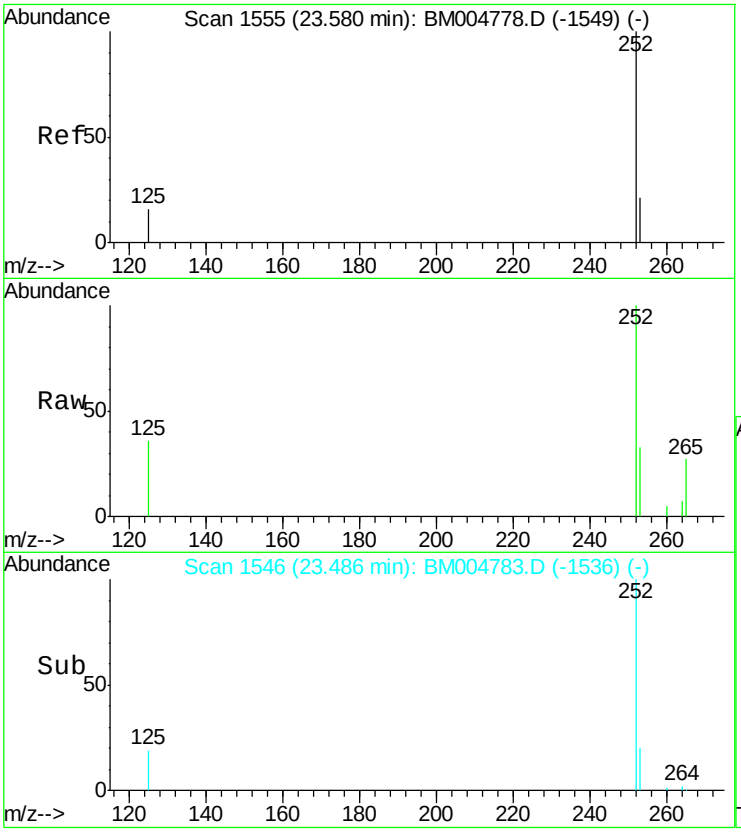


#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 23.00 min Scan# 1499
Delta R.T. -0.04 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Tgt Ion:252 Resp: 7114

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.8	29.8
125	32.9	10.4	15.6#



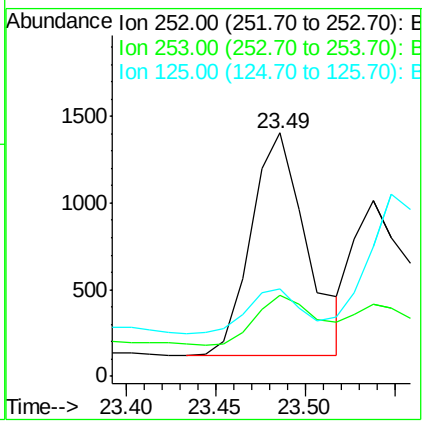


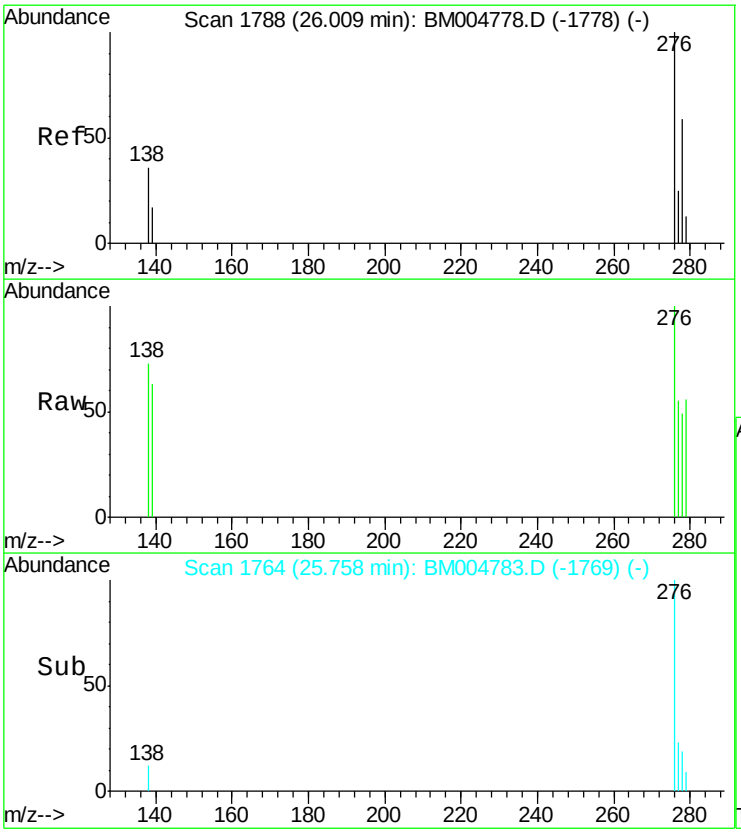
#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.49 min Scan# 1546
Delta R.T. -0.09 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Instrument :
BNA_M
ClientSampleId :
A4T43

Tgt Ion:252 Resp: 2778

Ion	Ratio	Lower	Upper
252	100		
253	33.1	19.4	29.2#
125	36.2	12.7	19.1#

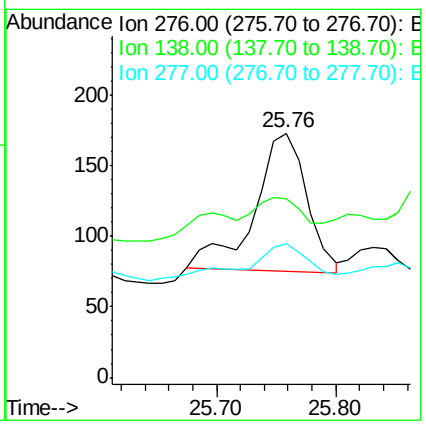


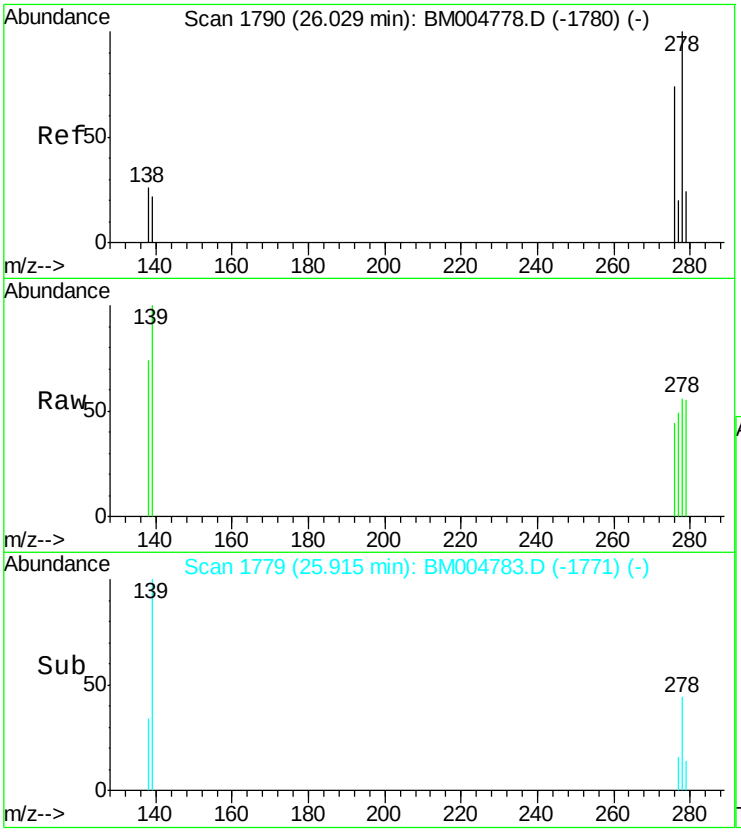


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.25 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Tgt Ion:276 Resp: 297

Ion	Ratio	Lower	Upper
276	100		
138	14.5	16.3	24.5#
277	17.8	19.8	29.8#



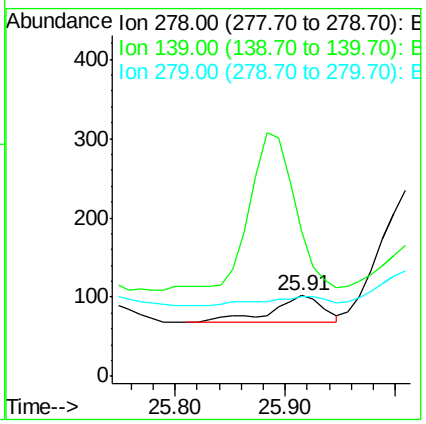


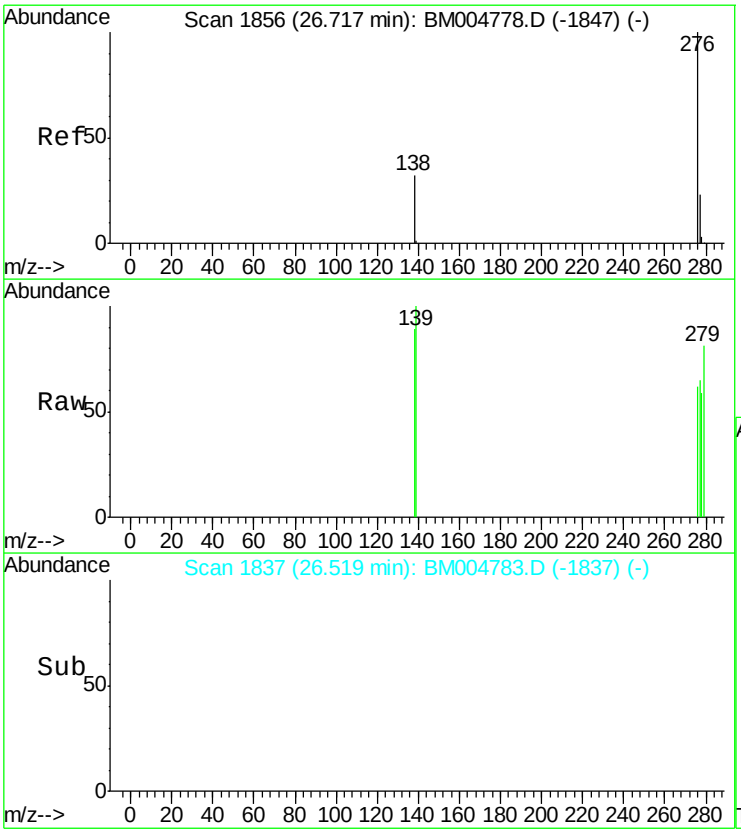
#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.91 min Scan# 1779
Delta R.T. -0.11 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Instrument :
BNA_M
ClientSampleId :
A4T43

Tgt Ion:278 Resp: 113

Ion	Ratio	Lower	Upper
278	100		
139	179.4	16.4	24.6#
279	98.0	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.52 min Scan# 1837
Delta R.T. -0.20 min
Lab File: BM004783.D
Acq: 25 Mar 2016 18:29

Tgt Ion:276 Resp: 20

Ion	Ratio	Lower	Upper
276	100		
277	104.3	18.9	28.3#
138	143.5	22.5	33.7#