Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032216\
Data File : BM004746.D
Acq On : 23 Mar 2016 03:08
Operator : UM/SJ
Sample : H1835-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4T34

Quant Time: Mar 23 05:12:25 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 23 06:08:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1255	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5112	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2716	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	417579	5.00	ng/ul	0.09
18) Chrysene-d12	21.40	240	4650	5.00	ng/ul	0.00
22) Perylene-d12	23.55	264	372709	5.00	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	1917	3.15	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2219	0.38	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	4931	0.01	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.67	128	351	0.03	ng/ul#	49
7) 2-Methylnaphthalene	12.29	142	77	0.01	ng/ul	93
9) Acenaphthylene	14.18	152	144	0.01	ng/ul#	25
10) Acenaphthene	14.52	153	39	0.00	ng/ul#	76
11) Fluorene	15.46	166	852	0.09	ng/ul#	24
13) Pentachlorophenol	16.87	266	52	0.00	ng/ul#	81
14) Phenanthrene	17.33	178	3390	0.00	ng/ul#	93
15) Anthracene	17.33	178	3387	0.00	ng/ul#	92
17) Fluoranthene	19.36	202	9	0.00	ng/ul#	1
19) Pyrene	19.60	202	921	0.06	ng/ul#	1
20) Benzo(a)anthracene	21.38	228	151	0.01	ng/ul#	20
21) Chrysene	21.43	228	116	0.01	ng/ul#	12
23) Benzo(b)fluoranthene	22.93	252	6	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.99	252	263	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.53	252	1608	0.00	ng/ul#	55
26) Indeno(1,2,3-cd)pyrene	25.83	276	3	0.00	ng/ul#	34
27) Dibenzo(a,h)anthracene	25.89	278	3	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.56	276	2	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\BM032216\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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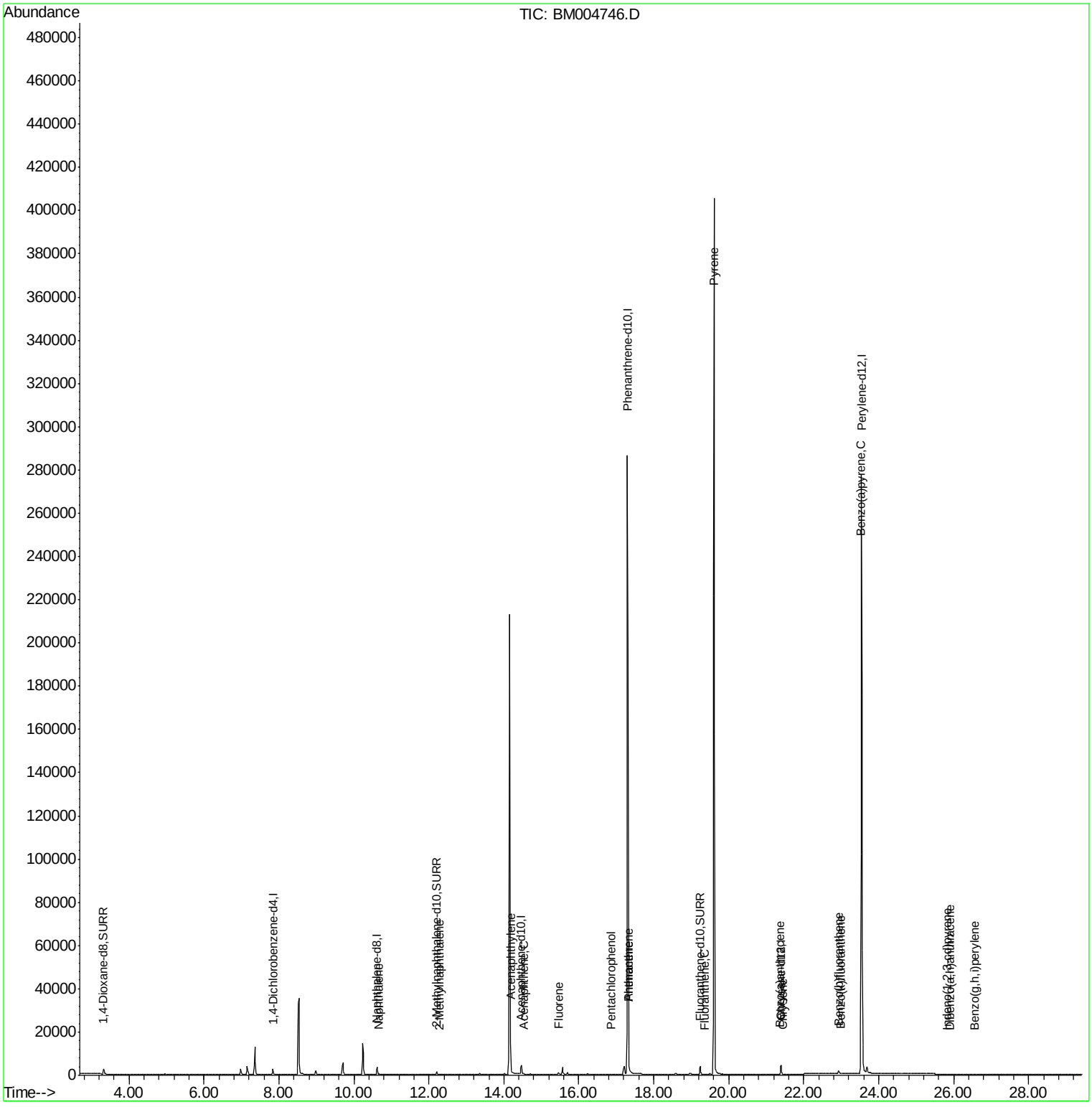
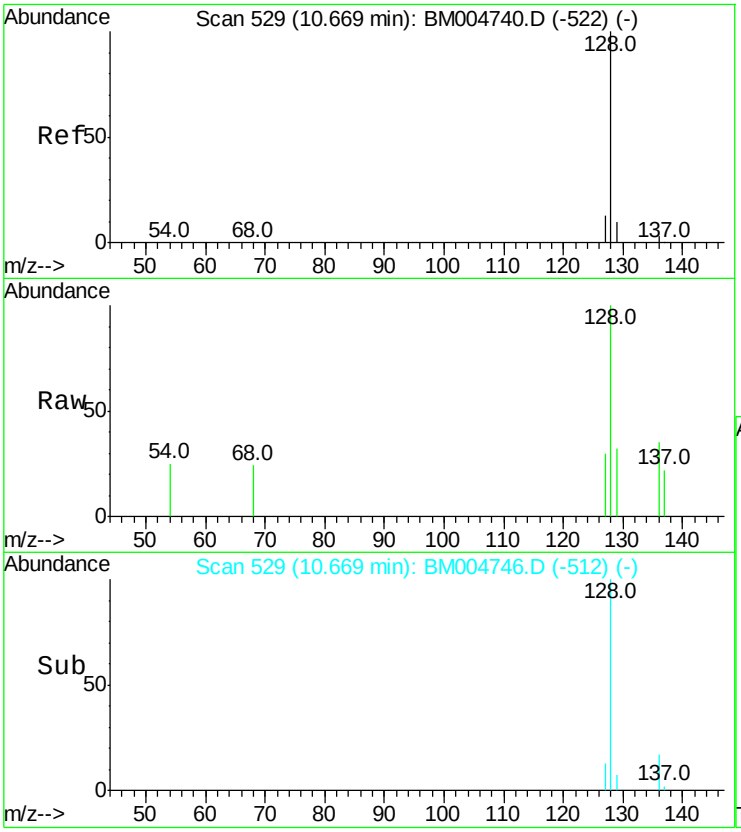
A4T34

Quant Time: Mar 23 05:12:25 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 23 06:08:08 2016
Response via : Initial Calibration



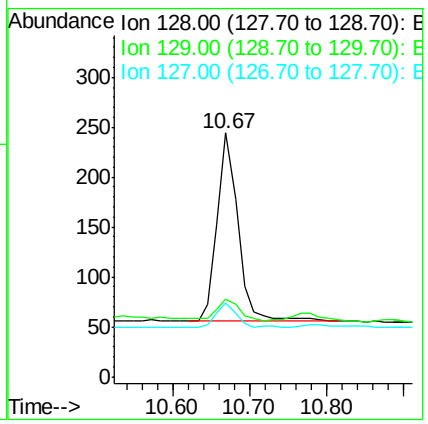


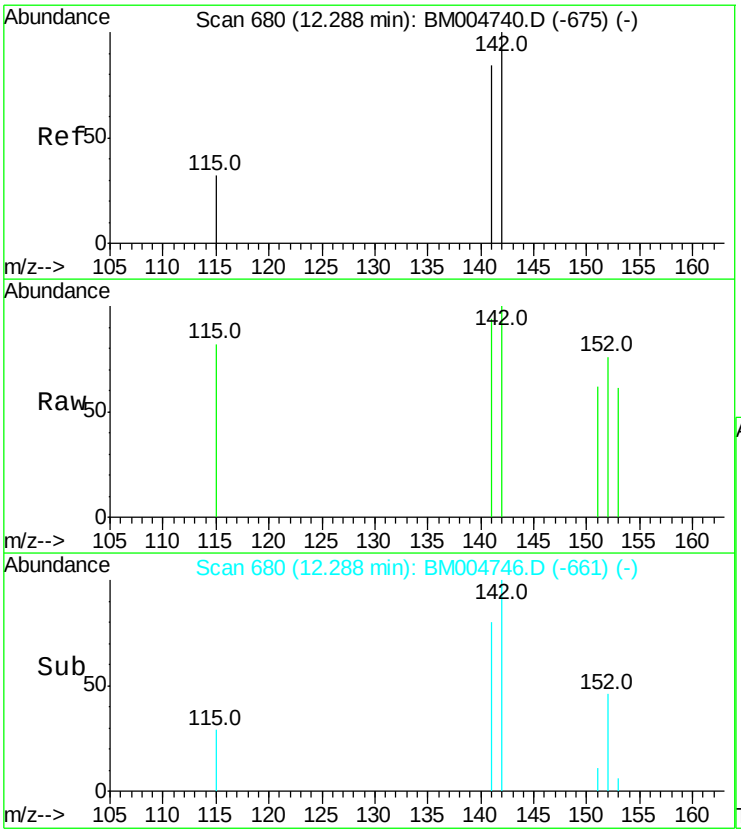
#5
Naphthalene
Concen: 0.03 ng/ul
RT: 10.67 min Scan# 529
Delta R.T. 0.00 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Instrument :
BNA_M
ClientSampleId :
A4T34

Tgt Ion:128 Resp: 351

Ion	Ratio	Lower	Upper
128	100		
129	32.0	9.0	13.6#
127	30.3	9.6	14.4#

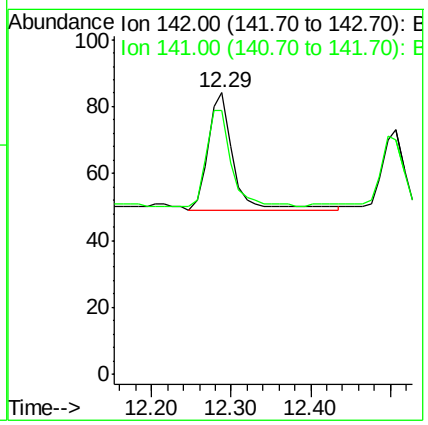


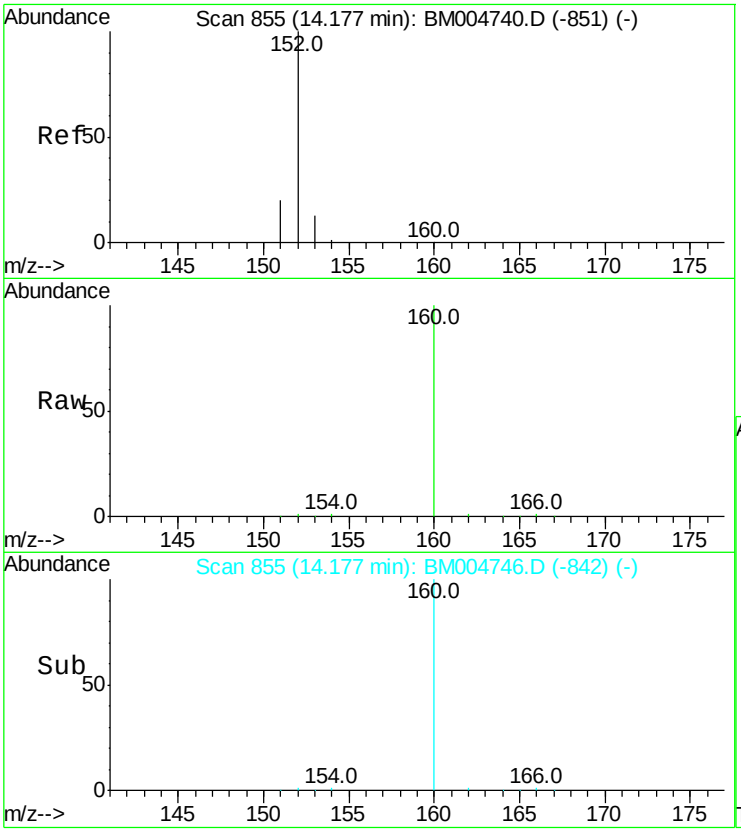


#7
2-Methylnaphthalene
Concen: 0.01 ng/ul
RT: 12.29 min Scan# 680
Delta R.T. 0.00 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Tgt Ion:142 Resp: 77

Ion	Ratio	Lower	Upper
142	100		
141	81.8	70.3	105.5



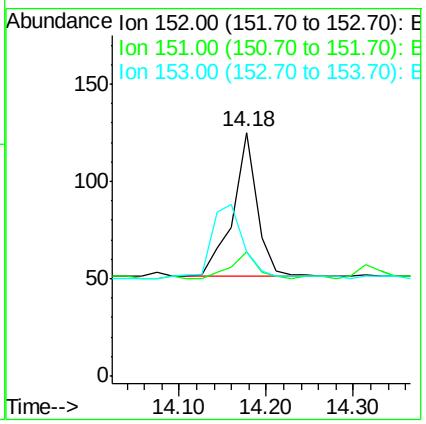


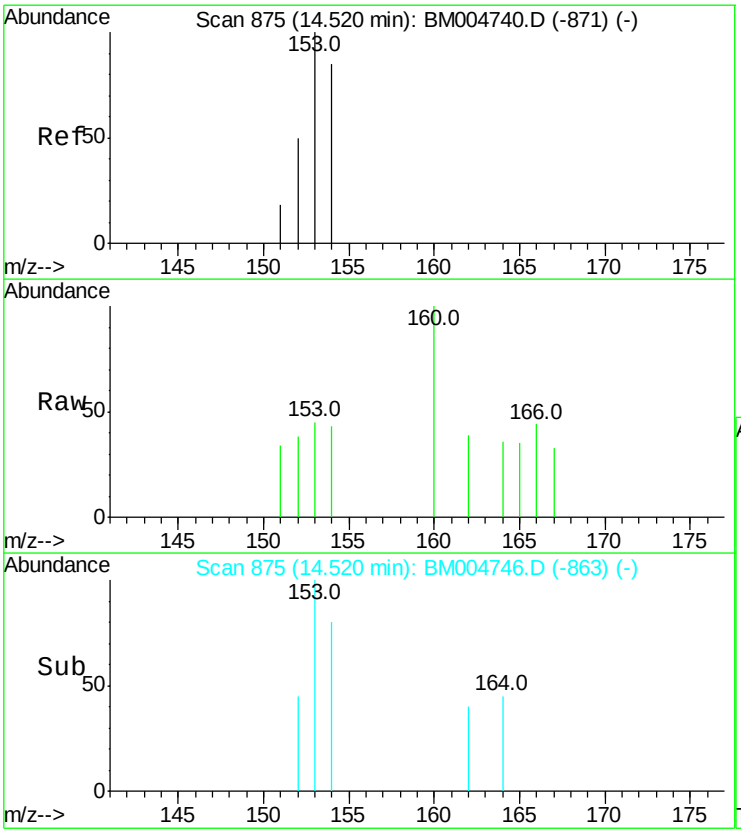
#9
Acenaphthylene
Concen: 0.01 ng/ul
RT: 14.18 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Instrument :
BNA_M
ClientSampleId :
A4T34

Tgt Ion:152 Resp: 144

Ion	Ratio	Lower	Upper
152	100		
151	51.2	17.6	26.4#
153	51.2	9.7	14.5#

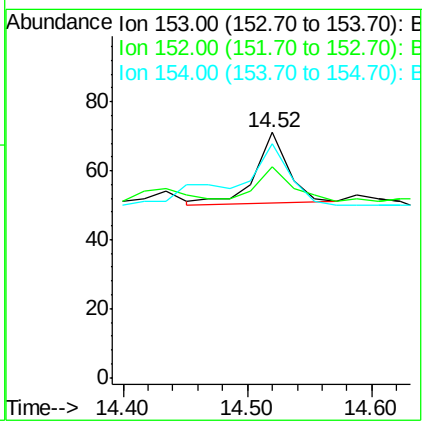


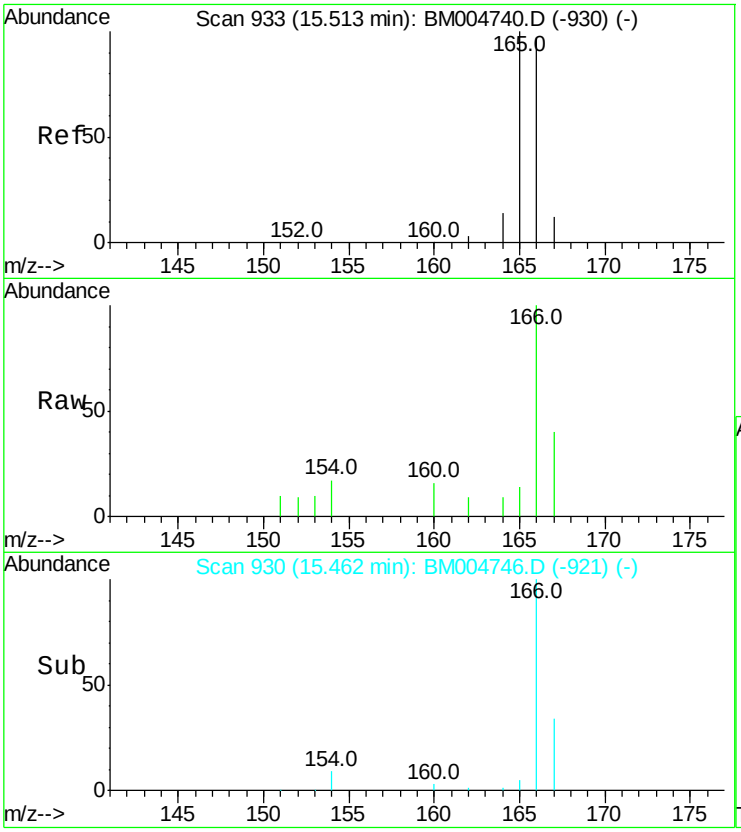


#10
Acenaphthene
Concen: 0.00 ng/ul
RT: 14.52 min Scan# 875
Delta R.T. 0.00 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Tgt Ion:153 Resp: 39

Ion	Ratio	Lower	Upper
153	100		
152	85.9	33.9	50.9#
154	95.8	80.6	121.0



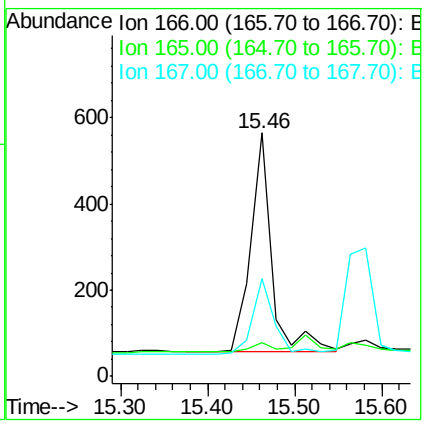


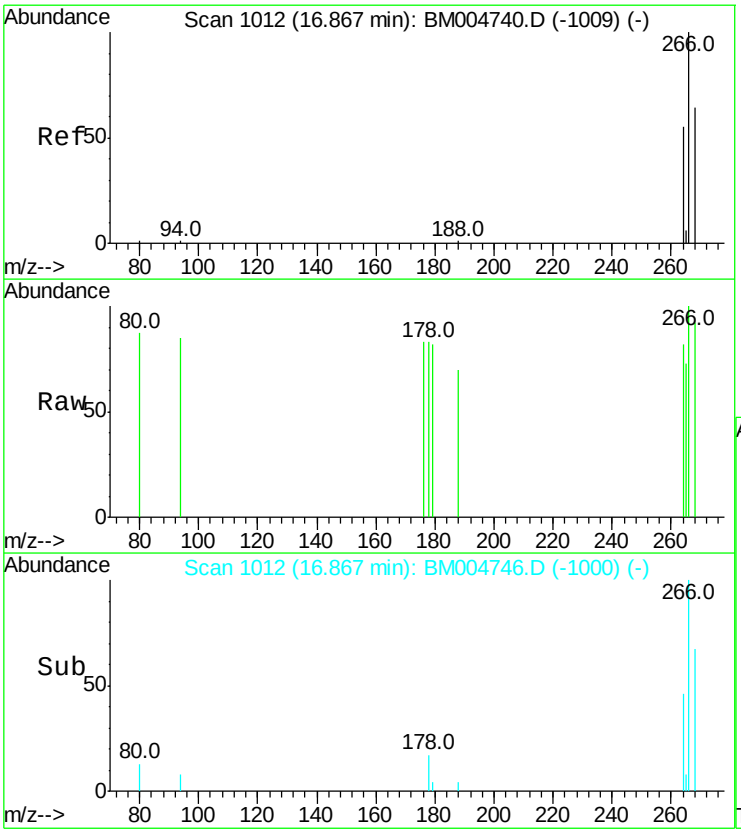
#11
Fluorene
Concen: 0.09 ng/ul
RT: 15.46 min Scan# 930
Delta R.T. -0.05 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Instrument :
BNA_M
ClientSampleId :
A4T34

Tgt Ion:166 Resp: 852

Ion	Ratio	Lower	Upper
166	100		
165	13.8	69.6	104.4#
167	40.0	11.9	17.9#

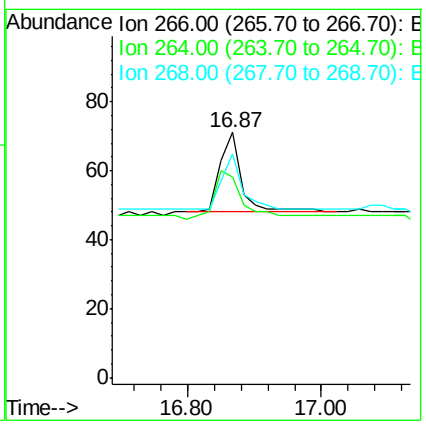


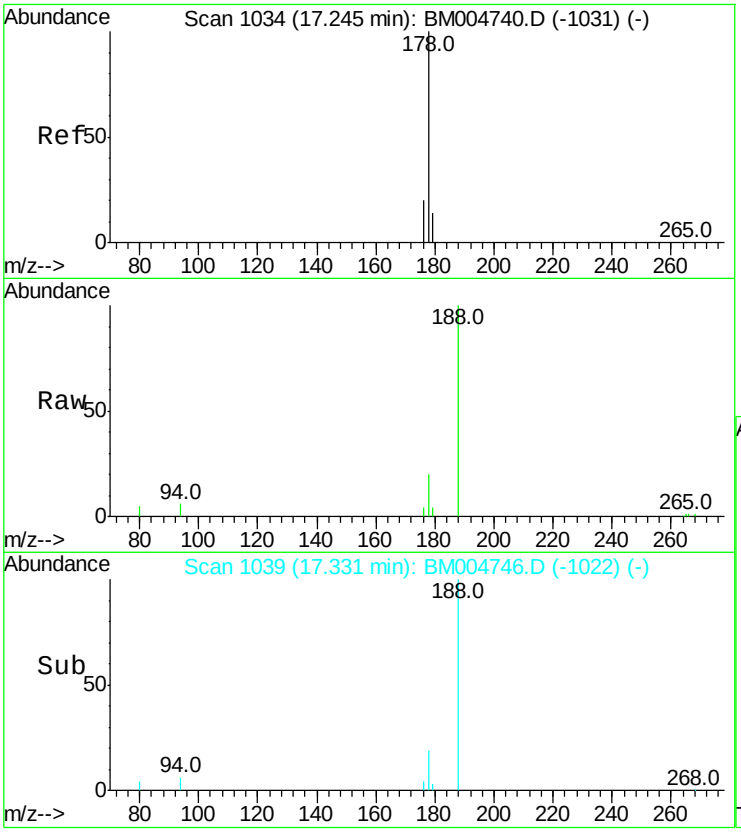


#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.87 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Tgt Ion:266 Resp: 52

Ion	Ratio	Lower	Upper
266	100		
264	90.4	51.8	77.8#
268	61.5	46.8	70.2



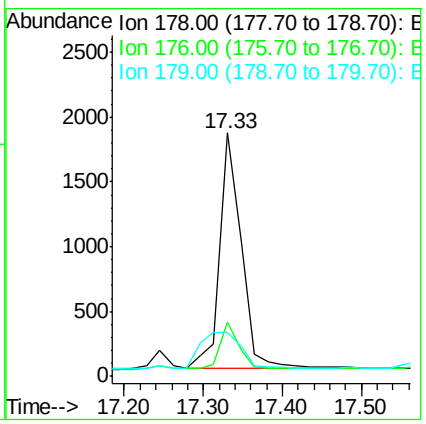


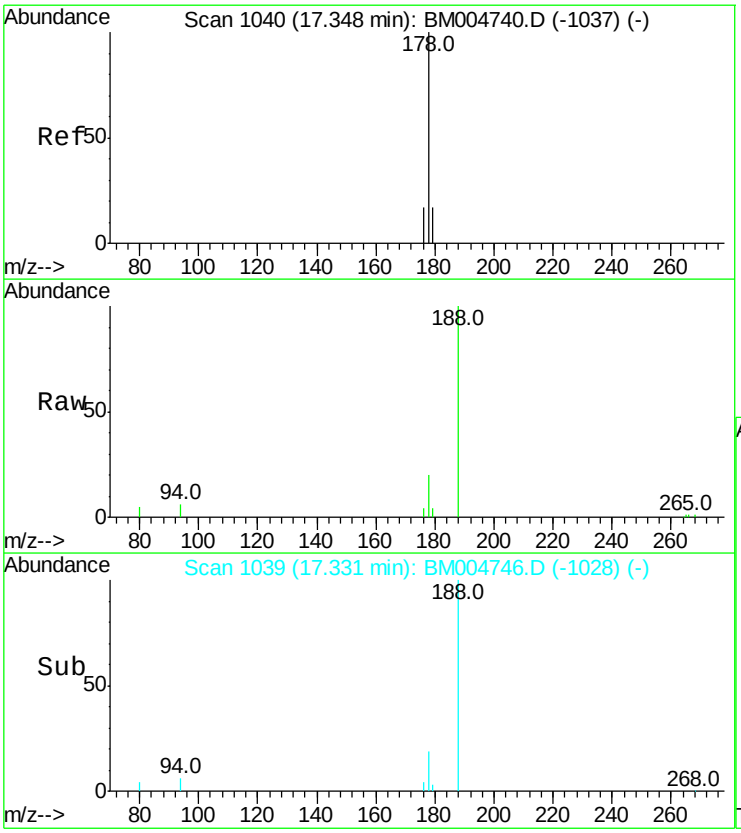
#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. 0.09 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Instrument :
BNA_M
ClientSampleId :
A4T34

Tgt Ion:178 Resp: 3390

Ion	Ratio	Lower	Upper
178	100		
176	22.4	13.0	19.4#
179	17.8	14.2	21.2

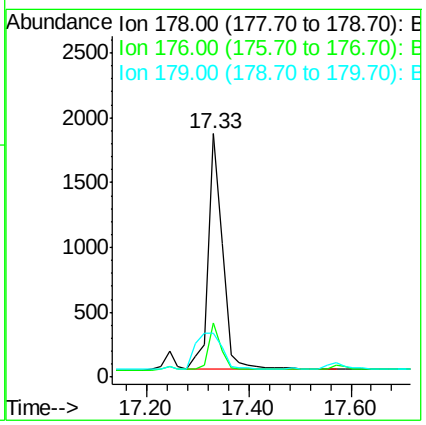


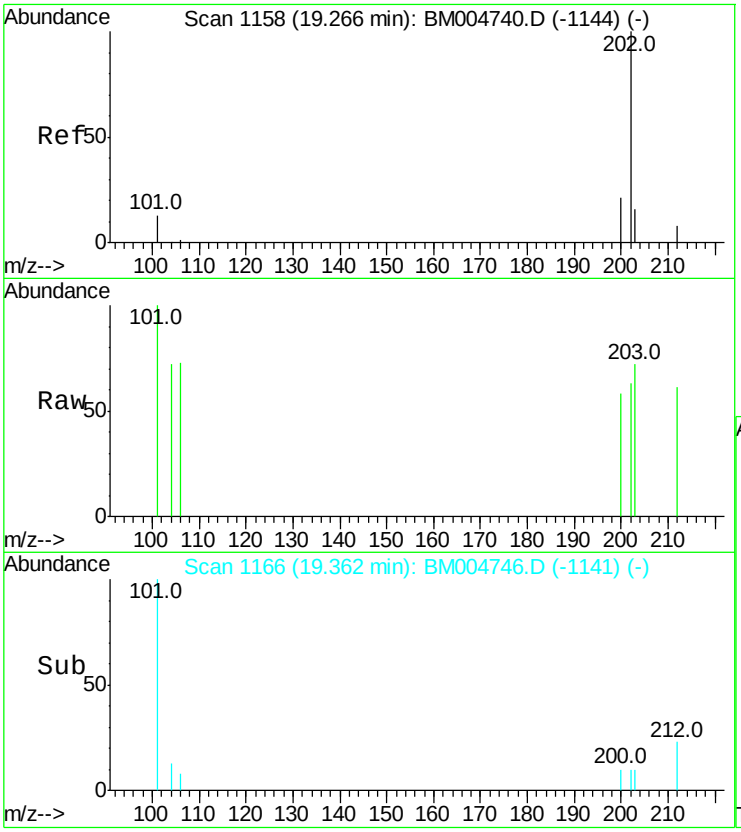


#15
Anthracene
Concen: 0.00 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Tgt Ion:178 Resp: 3387

Ion	Ratio	Lower	Upper
178	100		
176	22.4	14.0	21.0#
179	17.8	12.9	19.3



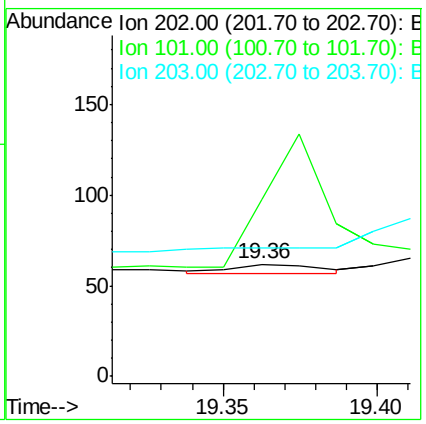


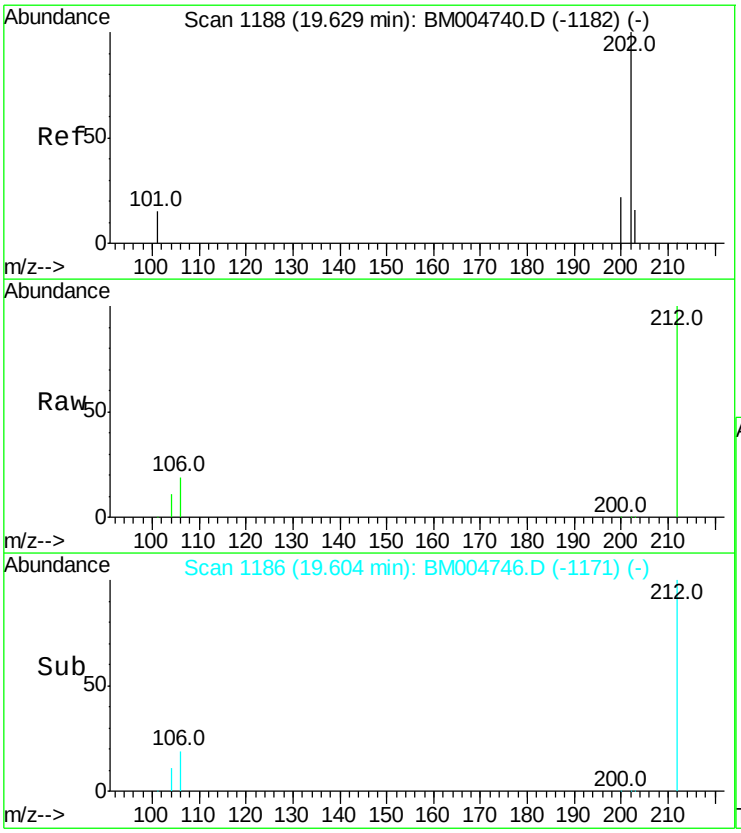
#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.36 min Scan# 1166
Delta R.T. 0.10 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Instrument :
BNA_M
ClientSampleId :
A4T34

Tgt Ion:202 Resp: 9

Ion	Ratio	Lower	Upper
202	100		
101	158.1	0.0	29.6#
203	114.5	0.0	36.3#

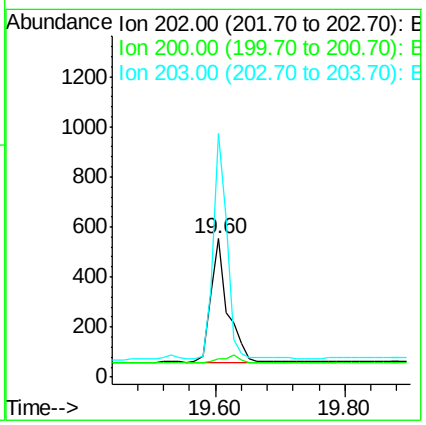


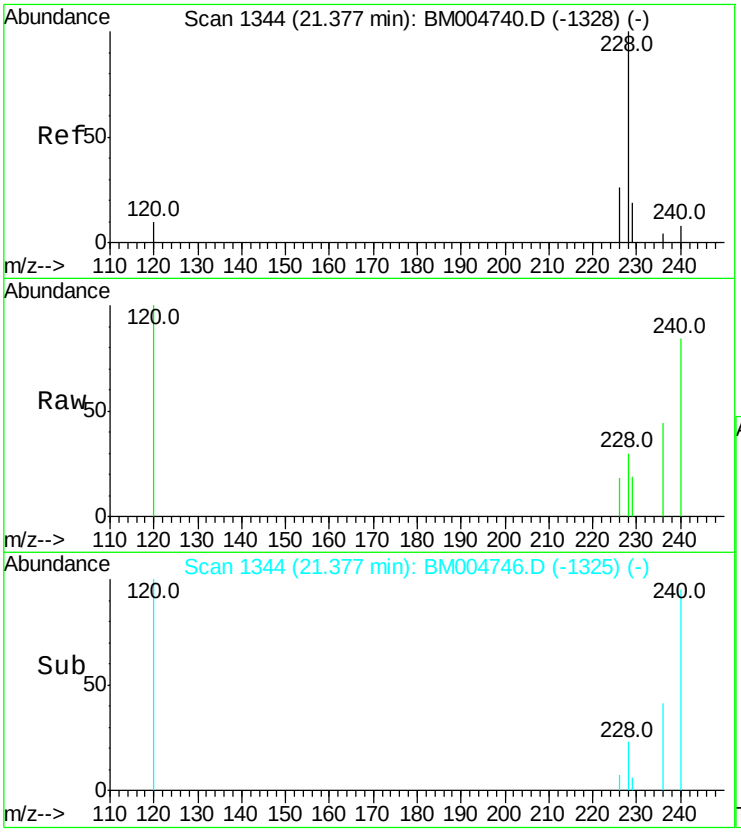


#19
Pyrene
Concen: 0.06 ng/ul
RT: 19.60 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Tgt Ion:202 Resp: 921

Ion	Ratio	Lower	Upper
202	100		
200	13.0	17.8	26.8#
203	176.3	12.8	19.2#



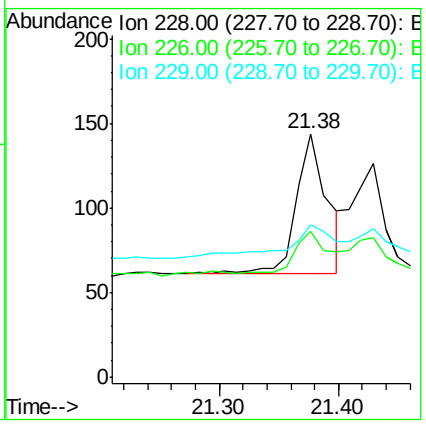


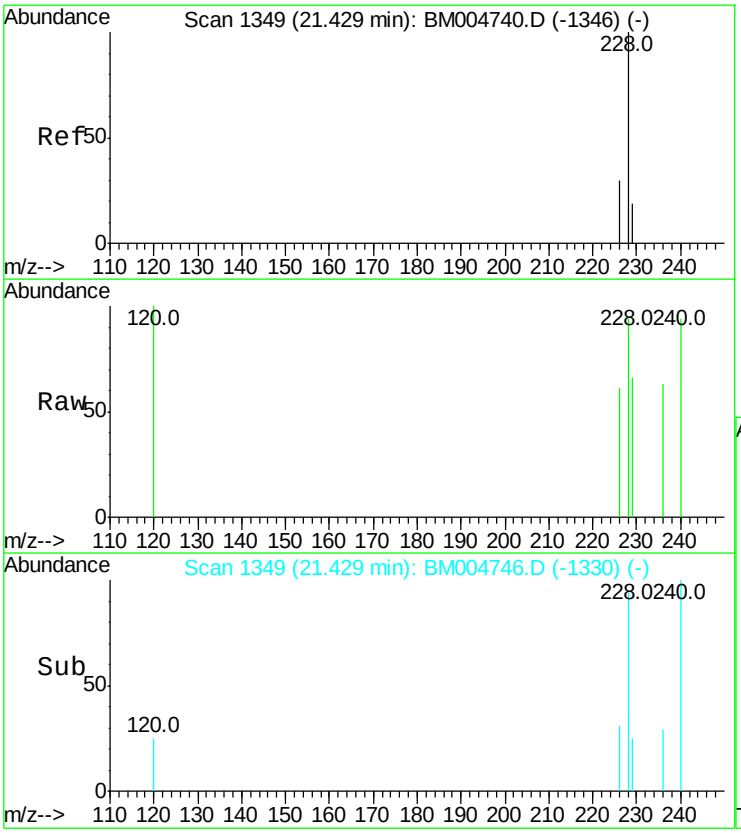
#20
Benzo(a)anthracene
Concen: 0.01 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Instrument :
BNA_M
ClientSampleId :
A4T34

Tgt Ion:228 Resp: 151

Ion	Ratio	Lower	Upper
228	100		
226	59.7	18.8	28.2#
229	62.5	17.1	25.7#

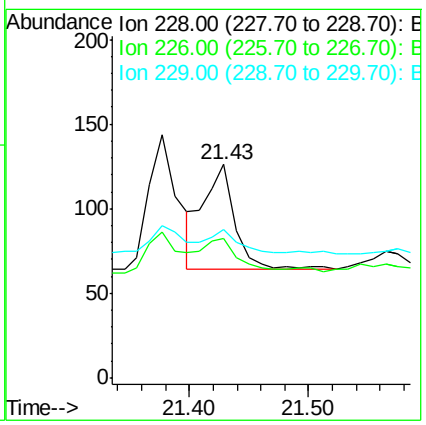


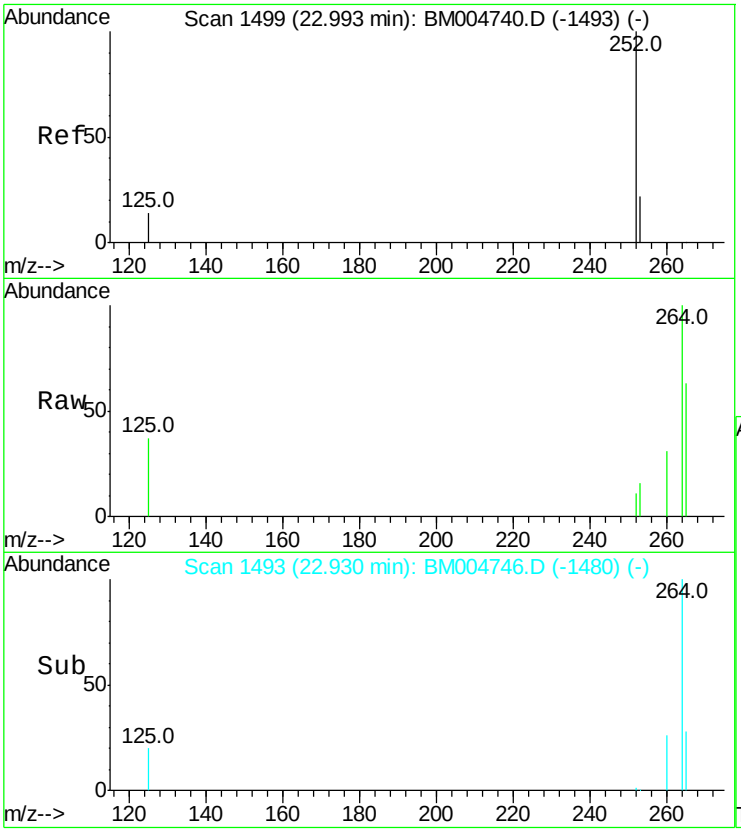


#21
Chrysene
Concen: 0.01 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Tgt Ion:228 Resp: 116

Ion	Ratio	Lower	Upper
228	100		
226	65.1	21.2	31.8#
229	69.8	17.0	25.6#



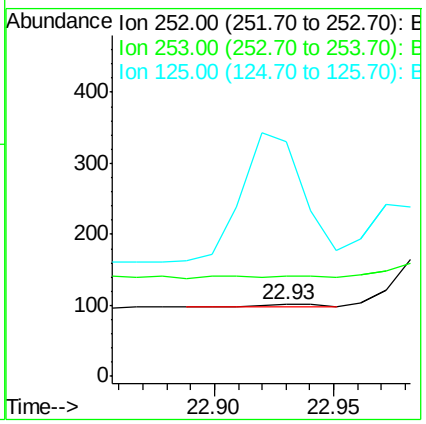


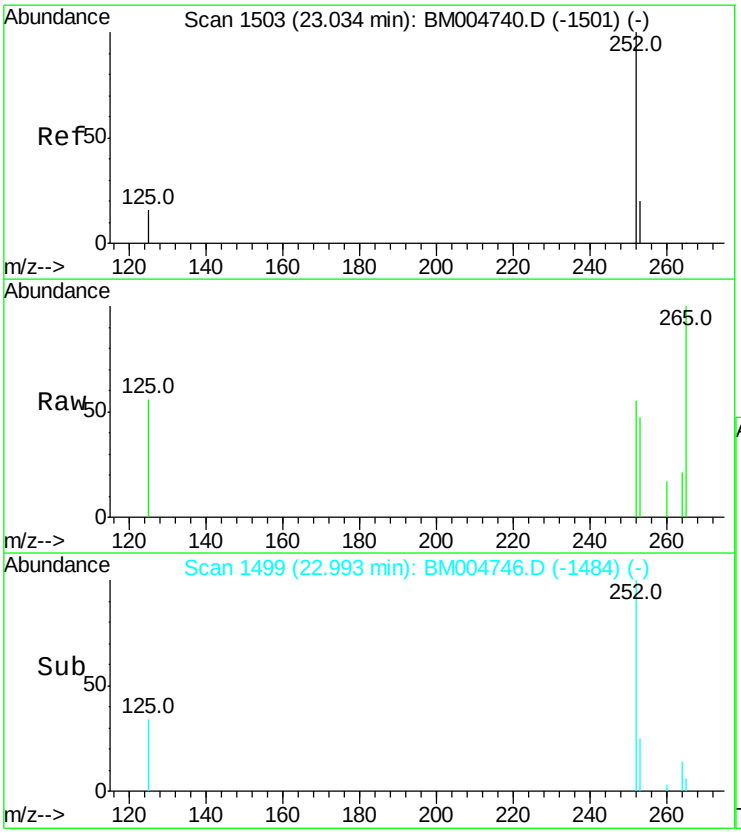
#23
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 22.93 min Scan# 1493
Delta R.T. -0.06 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Instrument :
BNA_M
ClientSampleId :
A4T34

Tgt Ion:252 Resp: 6

Ion	Ratio	Lower	Upper
252	100		
253	140.6	0.0	45.4#
125	327.7	0.0	28.8#

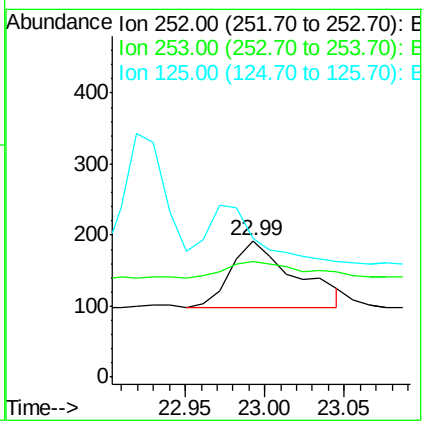


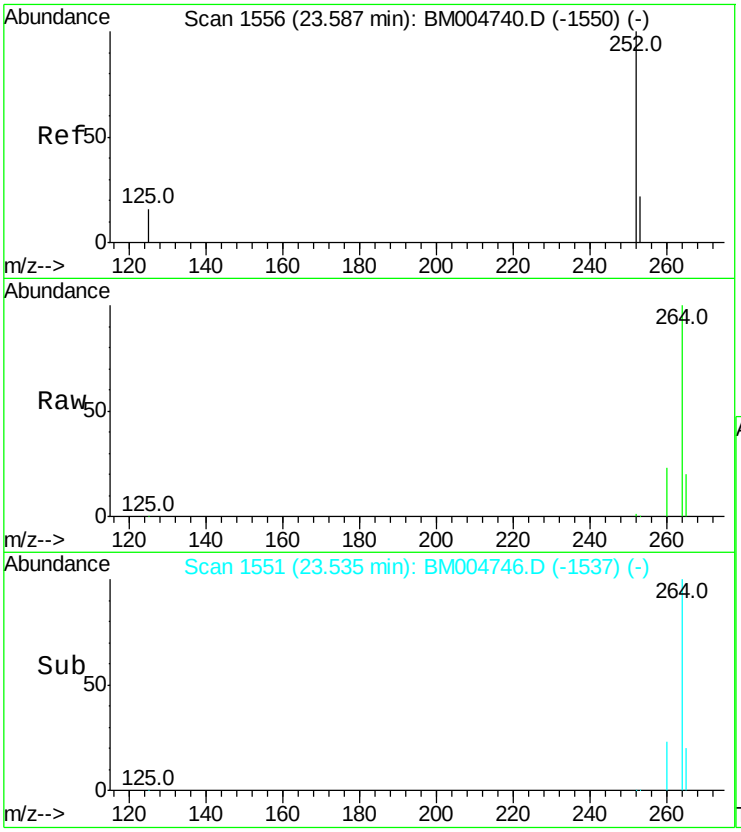


#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.99 min Scan# 1499
Delta R.T. -0.04 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Tgt Ion:252 Resp: 263

Ion	Ratio	Lower	Upper
252	100		
253	84.9	19.8	29.8#
125	101.6	10.4	15.6#



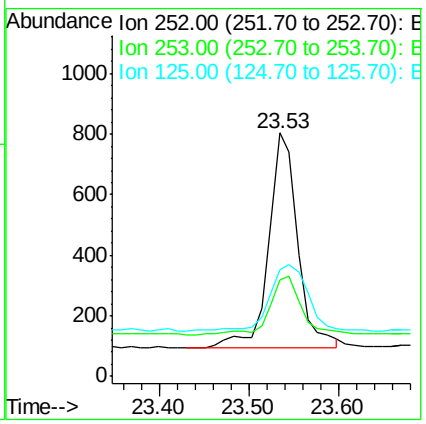


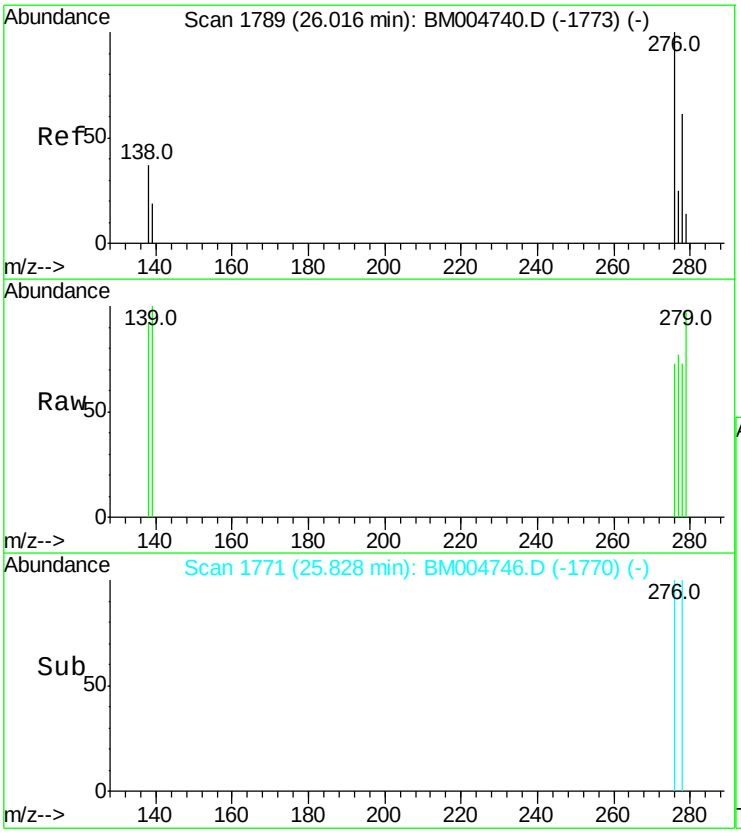
#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.53 min Scan# 1551
Delta R.T. -0.05 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Instrument :
BNA_M
ClientSampleId :
A4T34

Tgt Ion:252 Resp: 1608

Ion	Ratio	Lower	Upper
252	100		
253	39.6	19.4	29.2#
125	43.8	12.7	19.1#

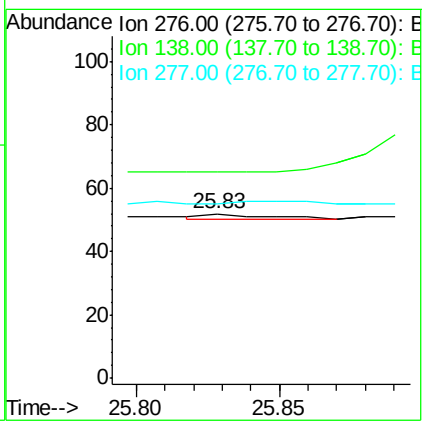


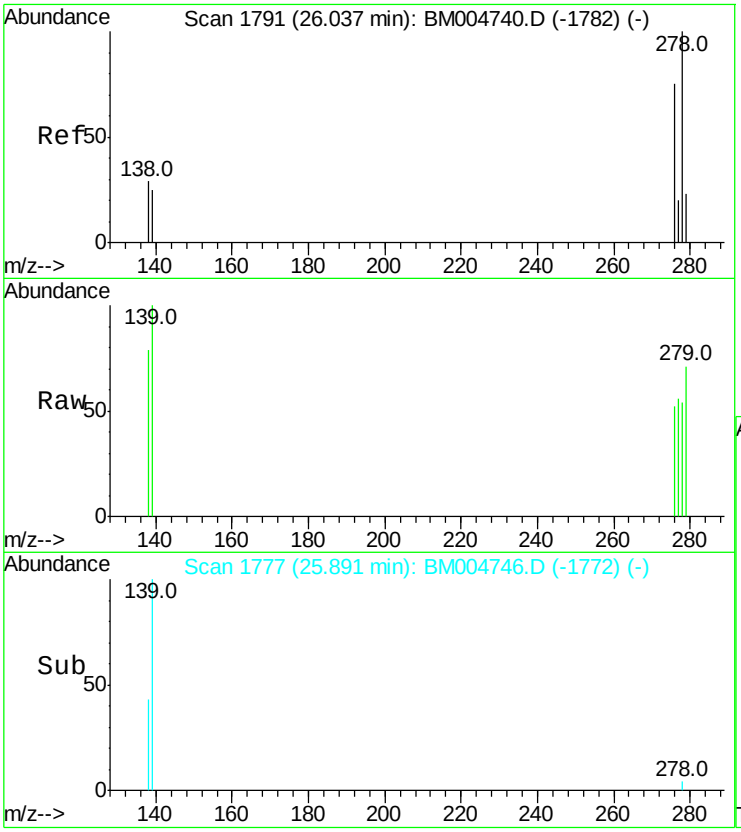


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.83 min Scan# 1771
Delta R.T. -0.19 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Tgt Ion:276 Resp: 3

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.3	24.5#
277	66.7	19.8	29.8#



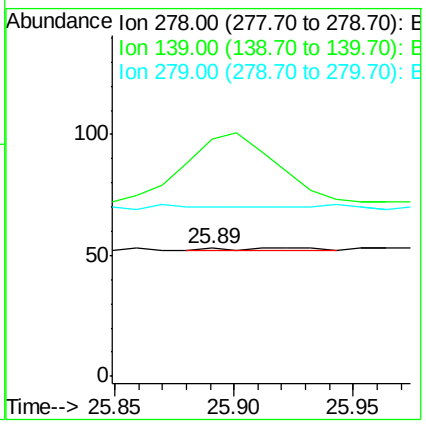


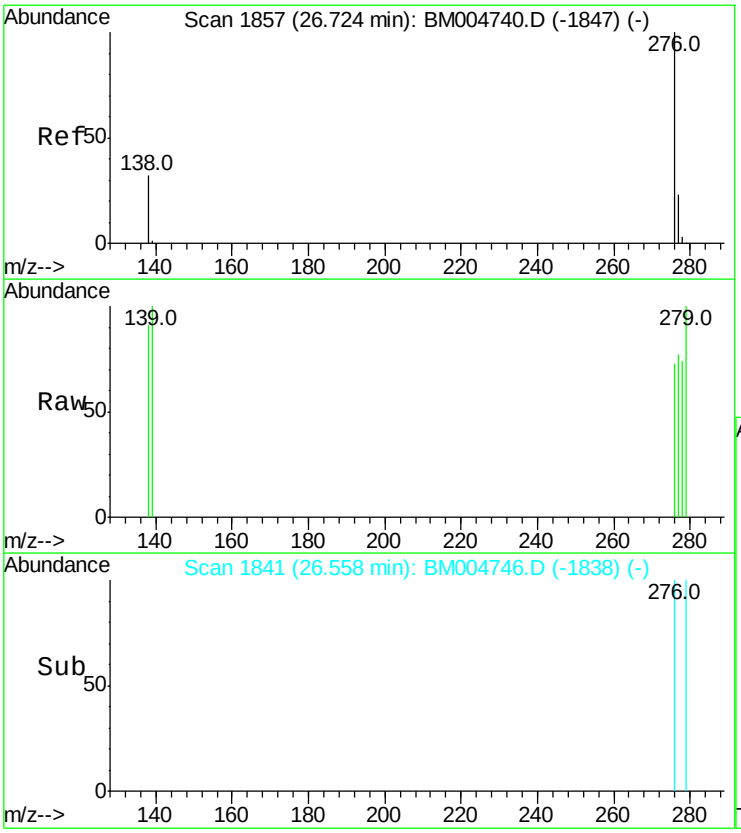
#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.89 min Scan# 1777
Delta R.T. -0.15 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Instrument :
BNA_M
ClientSampleId :
A4T34

Tgt Ion:278 Resp: 3

Ion	Ratio	Lower	Upper
278	100		
139	184.9	16.4	24.6#
279	132.1	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.56 min Scan# 1841
Delta R.T. -0.17 min
Lab File: BM004746.D
Acq: 23 Mar 2016 03:08

Tgt Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
277	105.9	18.9	28.3#
138	125.5	22.5	33.7#