Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4T52

Quant Time: Mar 26 05:32:32 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	1244	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5982	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3837	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	584432	5.00	ng/ul	0.09
18) Chrysene-d12	21.39	240	7857	5.00	ng/ul	0.00
22) Perylene-d12	23.55	264	546947	5.00	ng/ul	-0.14
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	7522	13.42	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	3428	0.41	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	8074	0.01	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.67	128	268	0.02	ng/ul#	38
7) 2-Methylnaphthalene	12.28	142	86	0.01	ng/ul	93
9) Acenaphthylene	14.18	152	665	0.04	ng/ul#	79
10) Acenaphthene	14.52	153	94	0.01	ng/ul#	74
11) Fluorene	15.46	166	1120	0.08	ng/ul#	25
13) Pentachlorophenol	16.87	266	23	0.00	ng/ul	93
14) Phenanthrene	17.33	178	766	0.00	ng/ul#	65
15) Anthracene	17.33	178	799	0.00	ng/ul#	65
17) Fluoranthene	19.27	202	5514	0.00	ng/ul	95
19) Pyrene	19.63	202	6387	0.24	ng/ul#	95
20) Benzo(a)anthracene	21.37	228	2283	0.09	ng/ul#	86
21) Chrysene	21.42	228	2928	0.13	ng/ul#	88
23) Benzo(b)fluoranthene	22.99	252	2926	0.00	ng/ul#	58
24) Benzo(k)fluoranthene	22.99	252	4638	0.00	ng/ul#	62
25) Benzo(a)pyrene	23.48	252	1699	0.00	ng/ul#	51
26) Indeno(1,2,3-cd)pyrene	25.76	276	163	0.00	ng/ul#	78
27) Dibenzo(a,h)anthracene	25.91	278	64	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.70	276	854	0.00	ng/ul#	68

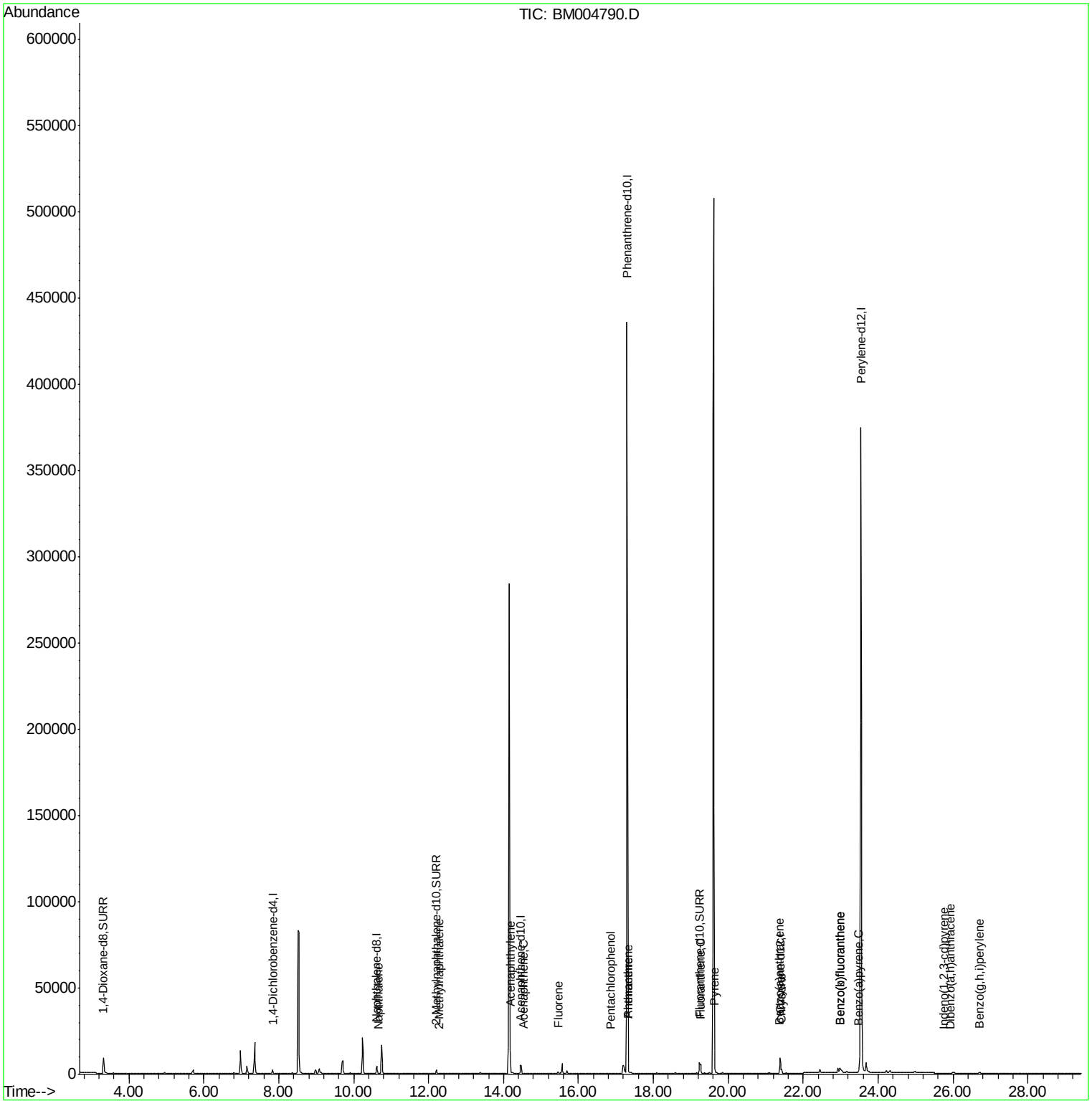
(#) = qualifier out of range (m) = manual integration (+) = signals summed

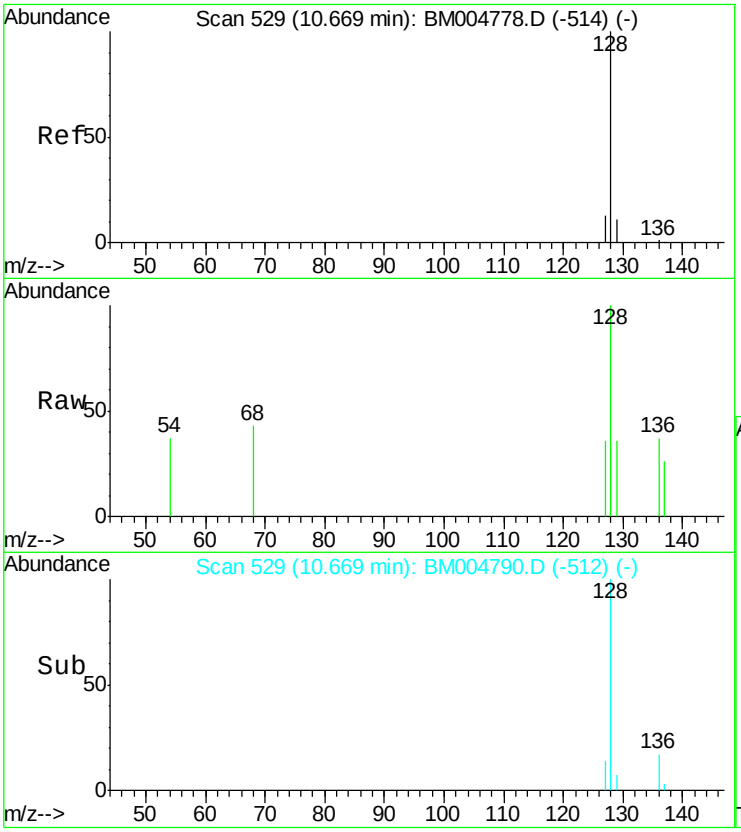
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T52

Quant Time: Mar 26 05:32:32 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



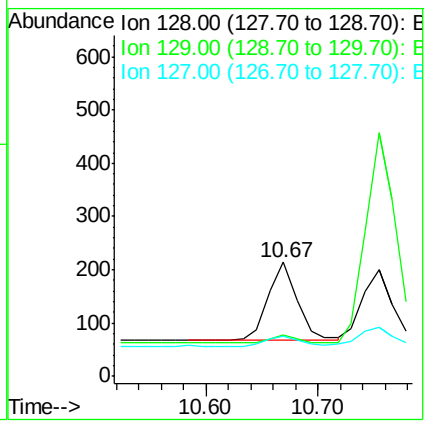


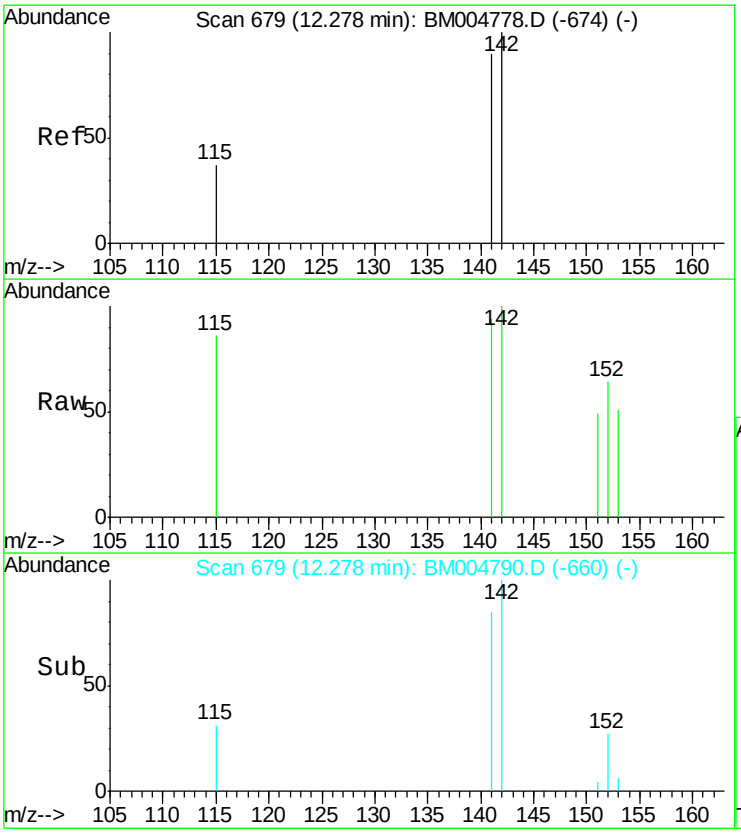
#5
Naphthalene
Concen: 0.02 ng/ul
RT: 10.67 min Scan# 529
Delta R.T. 0.00 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Instrument :
BNA_M
ClientSampleId :
A4T52

Tgt Ion:128 Resp: 268

Ion	Ratio	Lower	Upper
128	100		
129	36.0	9.0	13.6#
127	35.5	9.6	14.4#

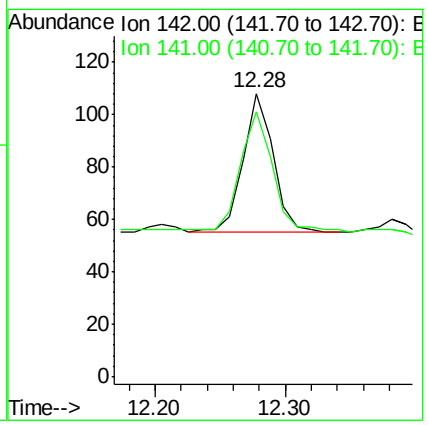


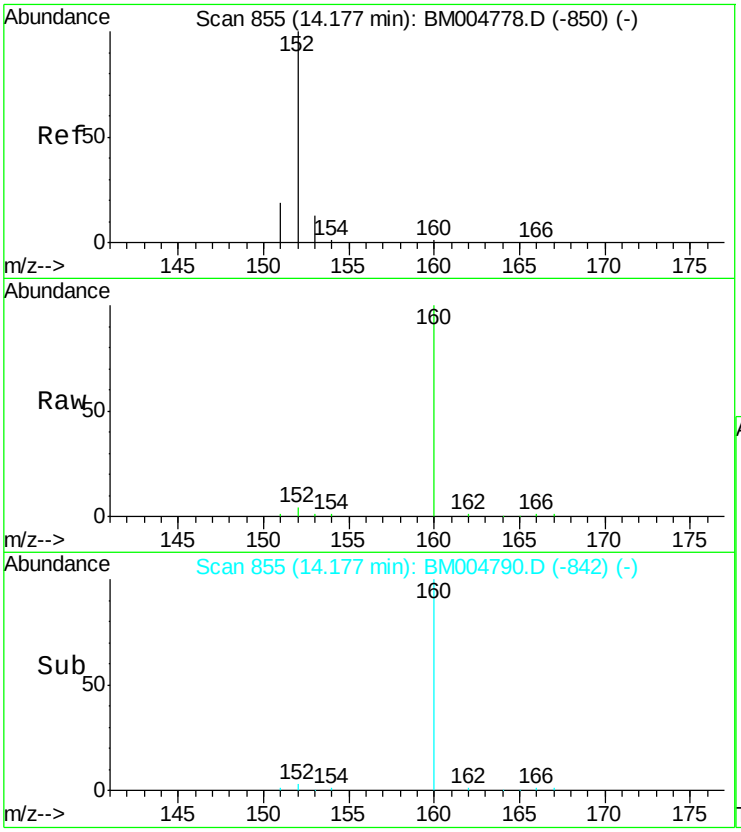


#7
2-Methylnaphthalene
Concen: 0.01 ng/ul
RT: 12.28 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:142 Resp: 86

Ion	Ratio	Lower	Upper
142	100		
141	94.2	70.3	105.5



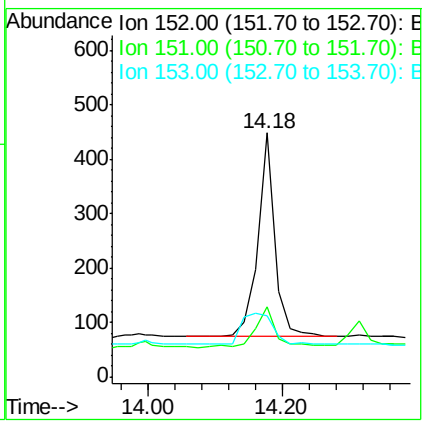


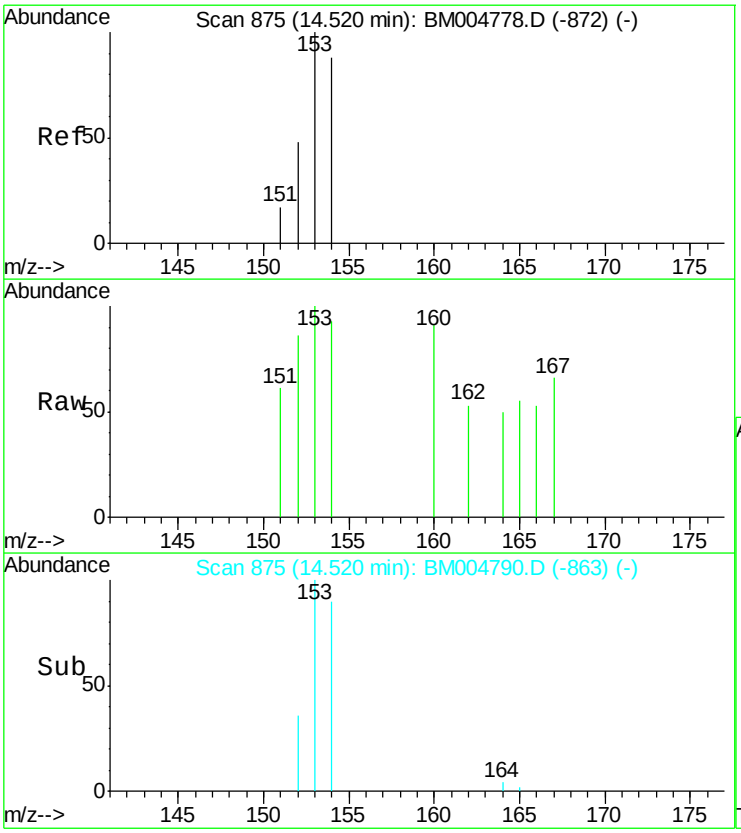
#9
Acenaphthylene
Concen: 0.04 ng/ul
RT: 14.18 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Instrument :
BNA_M
ClientSampleId :
A4T52

Tgt Ion:152 Resp: 665

Ion	Ratio	Lower	Upper
152	100		
151	28.6	17.6	26.4#
153	25.0	9.7	14.5#

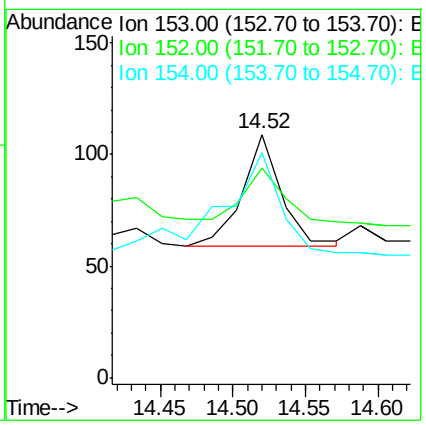


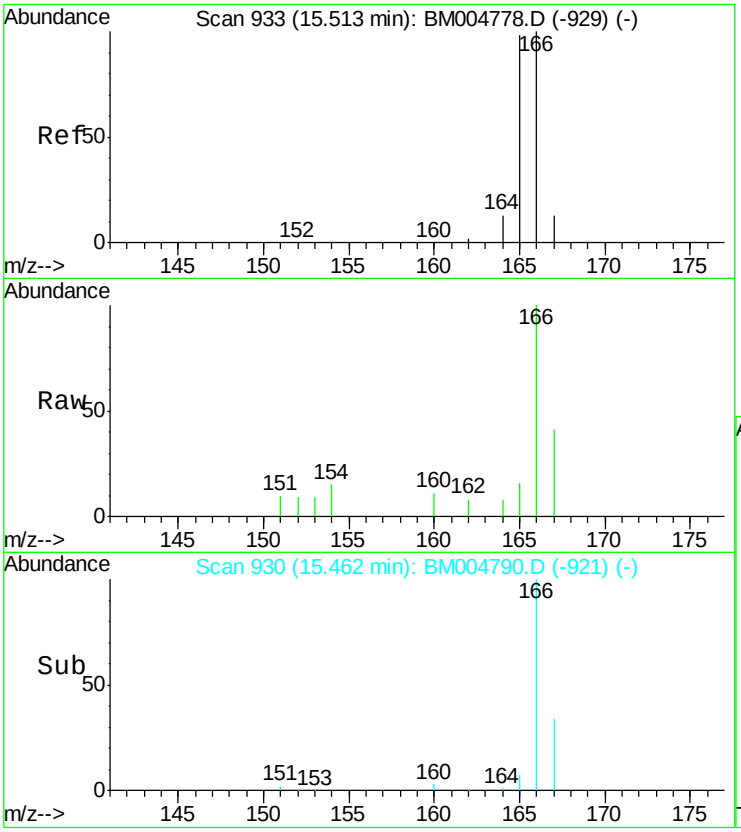


#10
Acenaphthene
Concen: 0.01 ng/ul
RT: 14.52 min Scan# 875
Delta R.T. 0.00 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:153 Resp: 94

Ion	Ratio	Lower	Upper
153	100		
152	86.2	33.9	50.9#
154	92.7	80.6	121.0



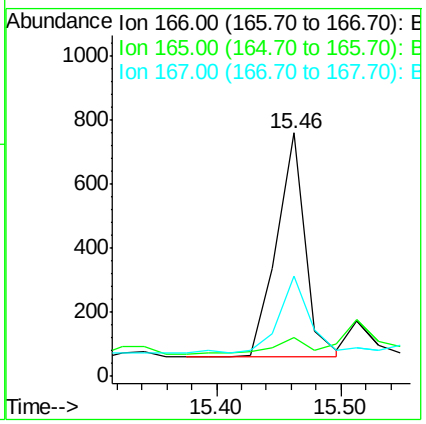


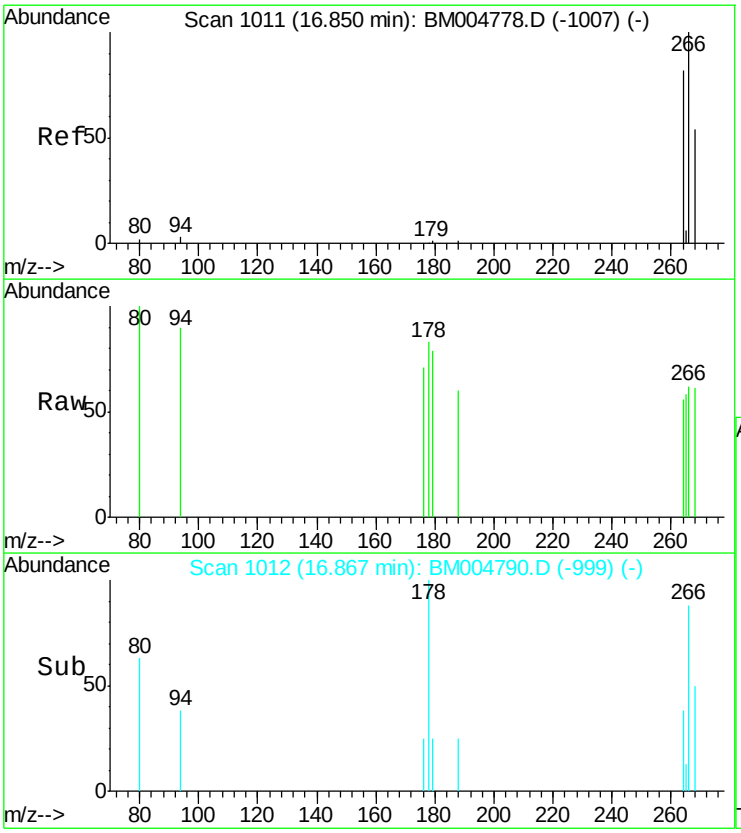
#11
Fluorene
Concen: 0.08 ng/ul
RT: 15.46 min Scan# 930
Delta R.T. -0.05 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Instrument :
BNA_M
ClientSampleId :
A4T52

Tgt Ion:166 Resp: 1120

Ion	Ratio	Lower	Upper
166	100		
165	15.7	69.6	104.4#
167	41.1	11.9	17.9#

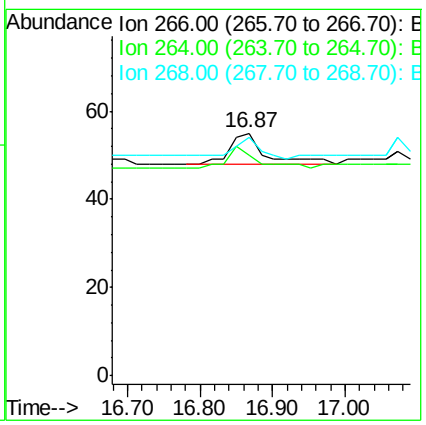


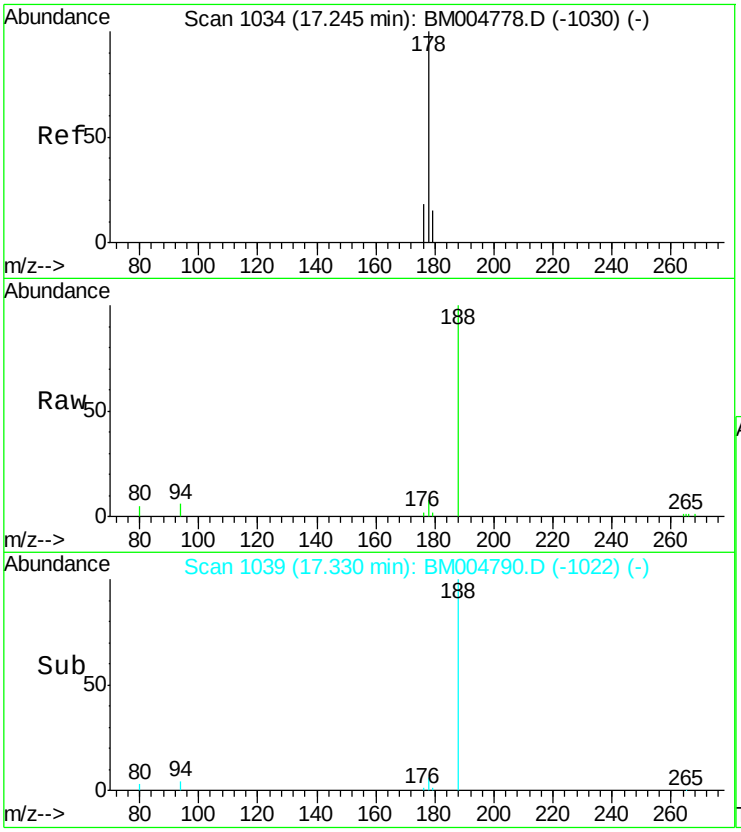


#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.87 min Scan# 1012
Delta R.T. 0.02 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:266 Resp: 23

Ion	Ratio	Lower	Upper
266	100		
264	60.9	51.8	77.8
268	52.2	46.8	70.2



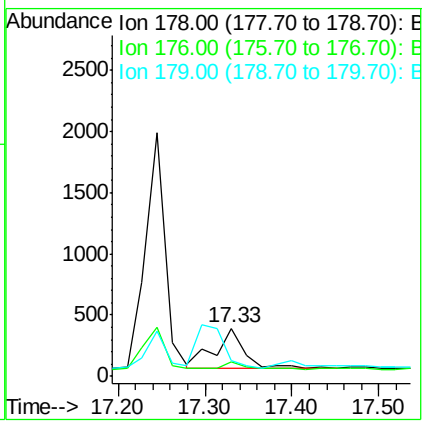


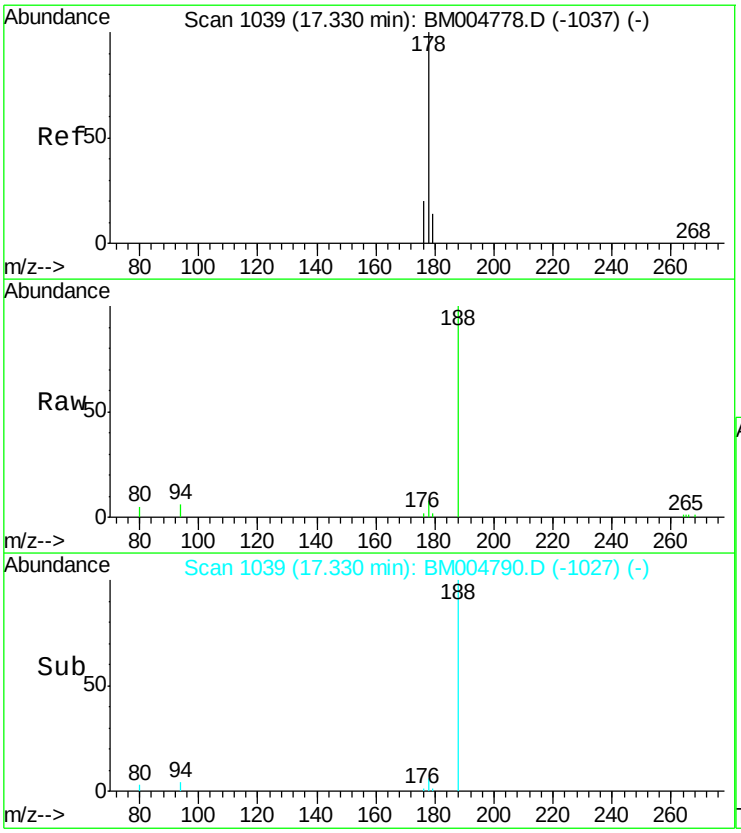
#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. 0.09 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Instrument :
BNA_M
ClientSampleId :
A4T52

Tgt Ion:178 Resp: 766

Ion	Ratio	Lower	Upper
178	100		
176	31.3	13.0	19.4#
179	32.6	14.2	21.2#

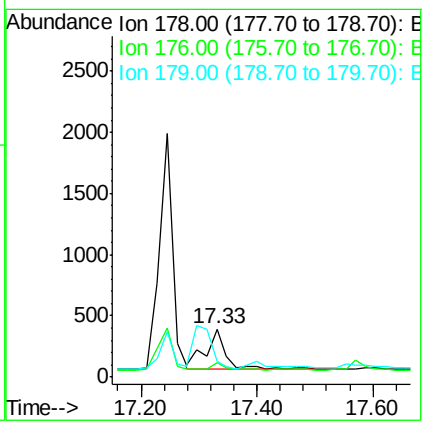


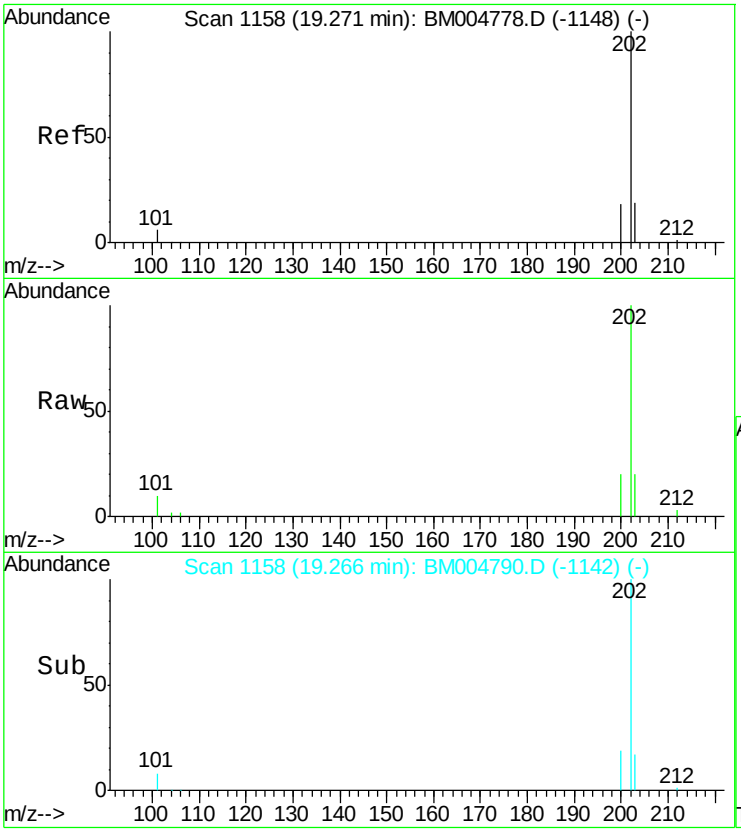


#15
Anthracene
Concen: 0.00 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:178 Resp: 799

Ion	Ratio	Lower	Upper
178	100		
176	31.3	14.0	21.0#
179	32.6	12.9	19.3#



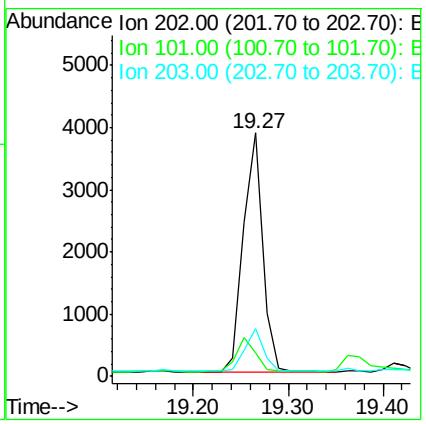


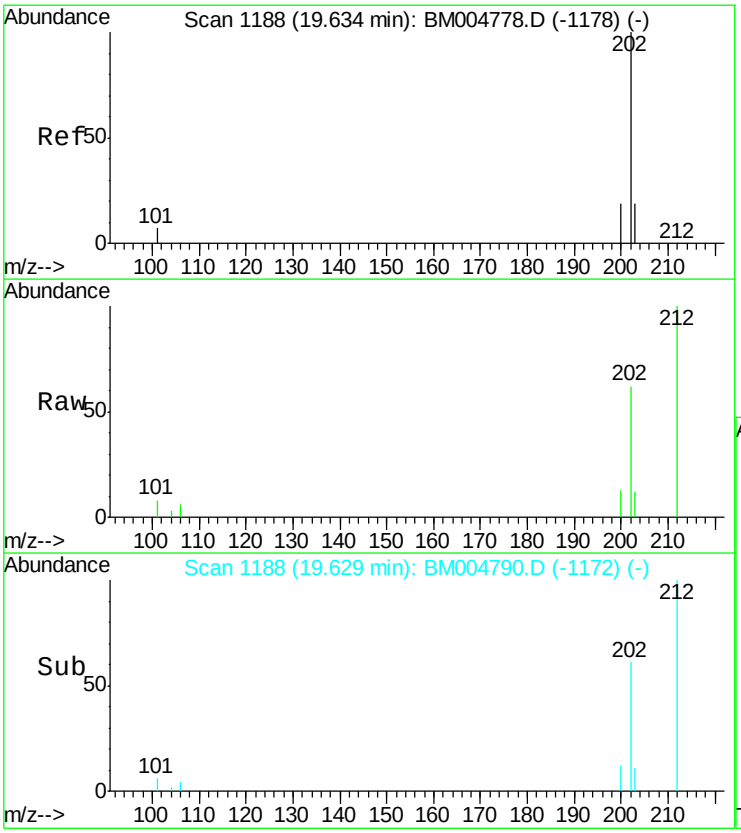
#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.27 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Instrument :
BNA_M
ClientSampleId :
A4T52

Tgt Ion:202 Resp: 5514

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.6
203	19.8	0.0	36.3

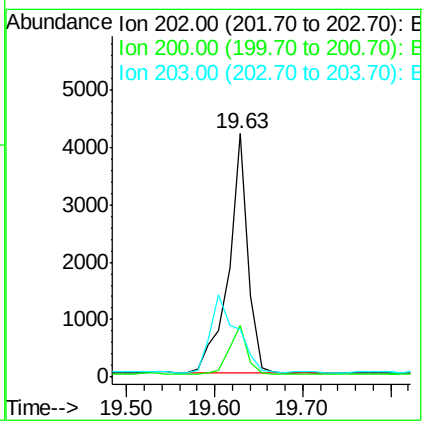


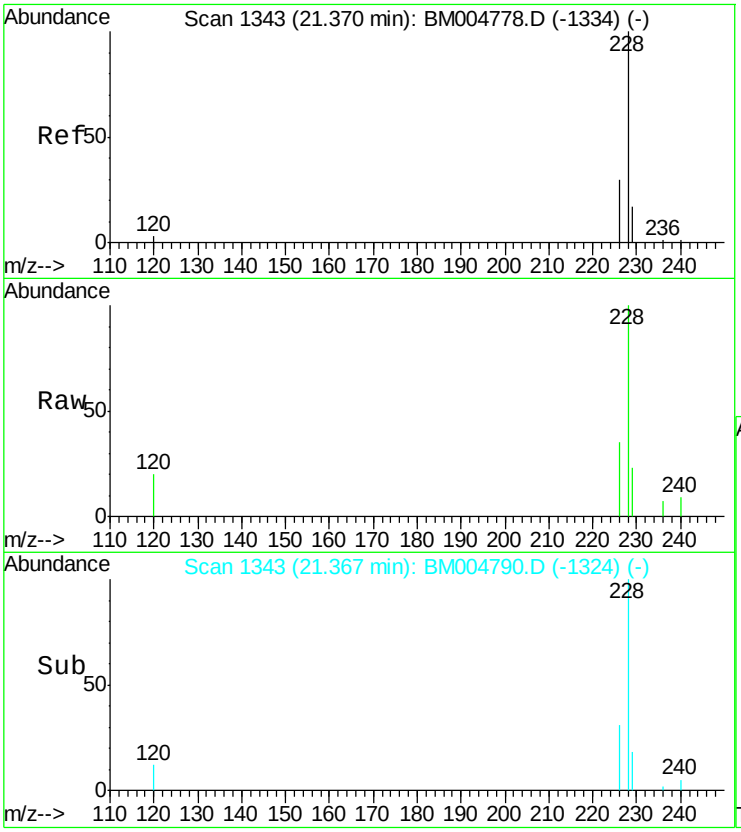


#19
Pyrene
Concen: 0.24 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:202 Resp: 6387

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.8
203	19.8	12.8	19.2#



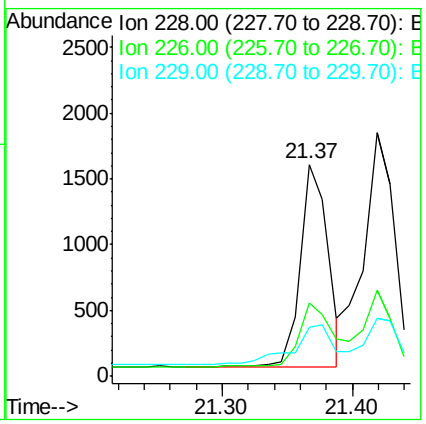


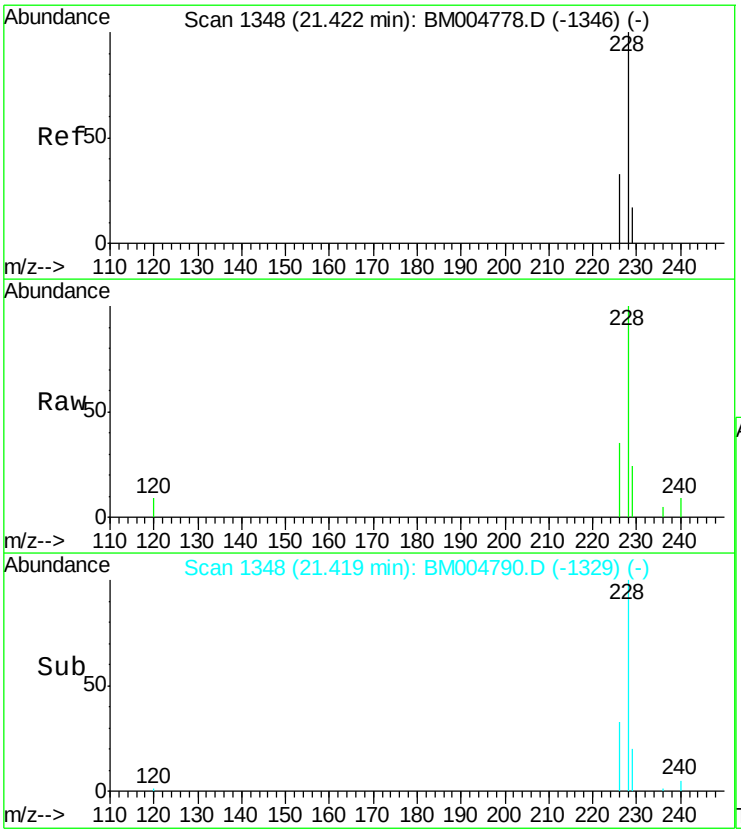
#20
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Instrument :
BNA_M
ClientSampleId :
A4T52

Tgt Ion:228 Resp: 2283

Ion	Ratio	Lower	Upper
228	100		
226	34.5	18.8	28.2#
229	23.2	17.1	25.7

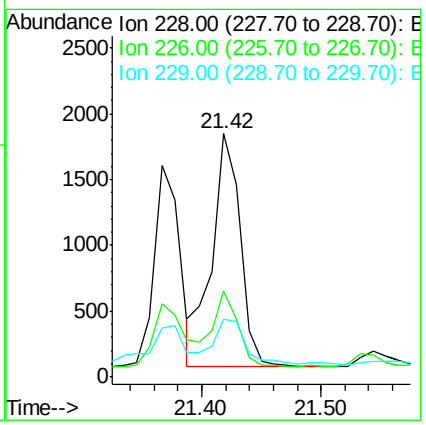


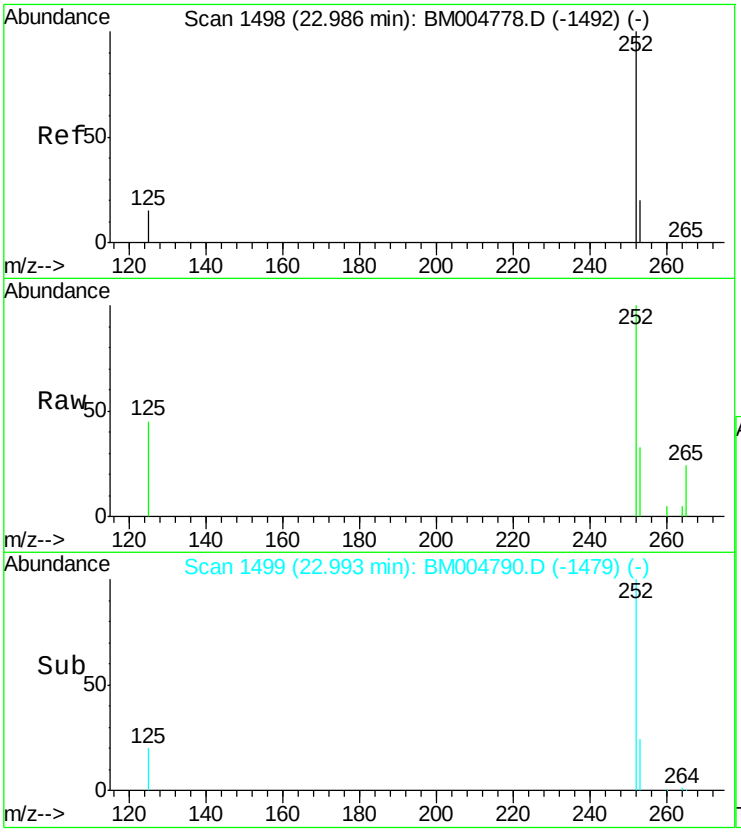


#21
Chrysene
Concen: 0.13 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:228 Resp: 2928

Ion	Ratio	Lower	Upper
228	100		
226	35.3	21.2	31.8#
229	24.0	17.0	25.6



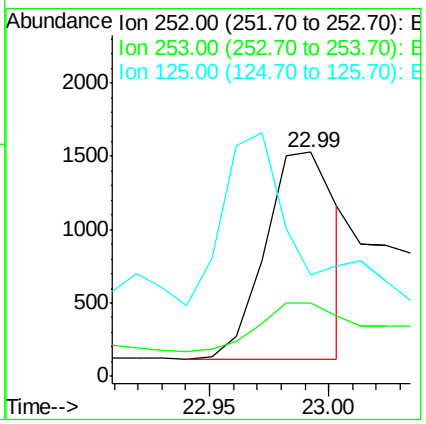


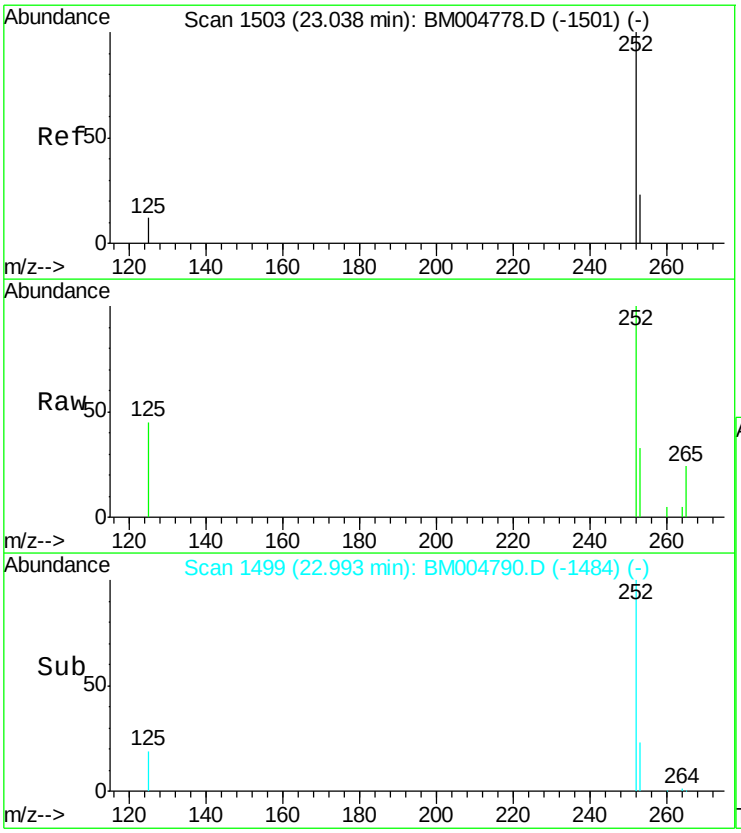
#23
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 22.99 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Instrument :
BNA_M
ClientSampleId :
A4T52

Tgt Ion:252 Resp: 2926

Ion	Ratio	Lower	Upper
252	100		
253	32.6	0.0	45.4
125	45.5	0.0	28.8#

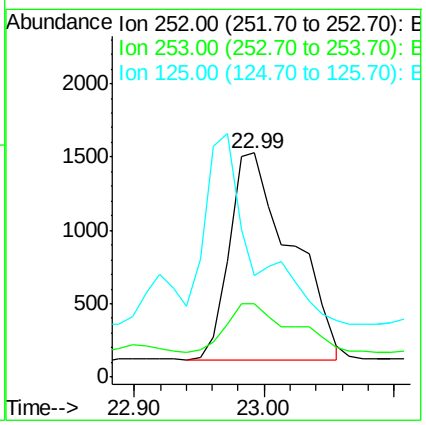


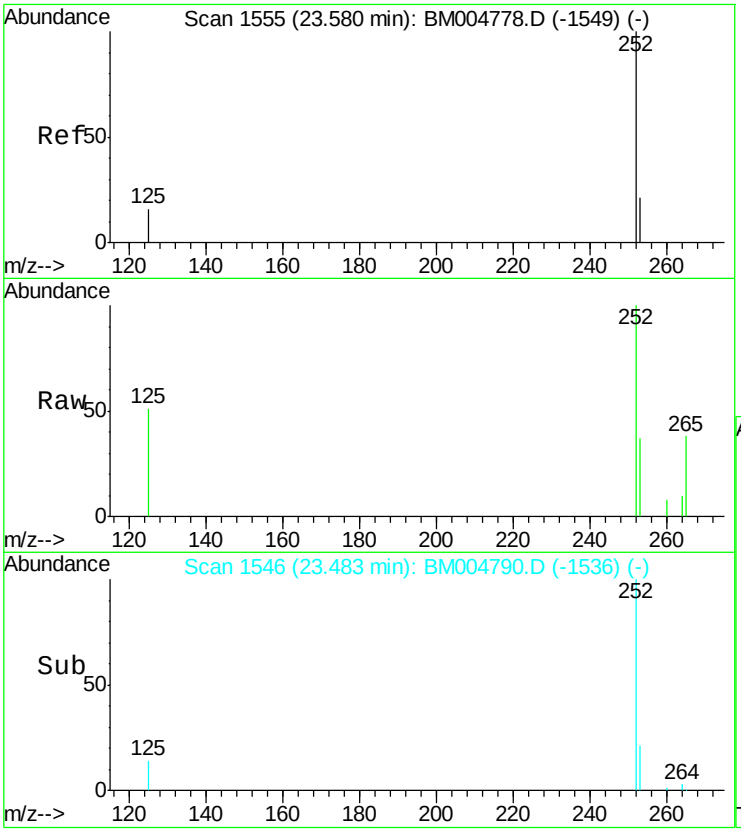


#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.99 min Scan# 1499
Delta R.T. -0.05 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:252 Resp: 4638

Ion	Ratio	Lower	Upper
252	100		
253	32.6	19.8	29.8#
125	45.5	10.4	15.6#



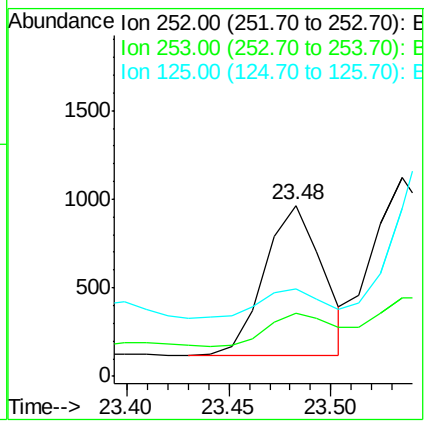


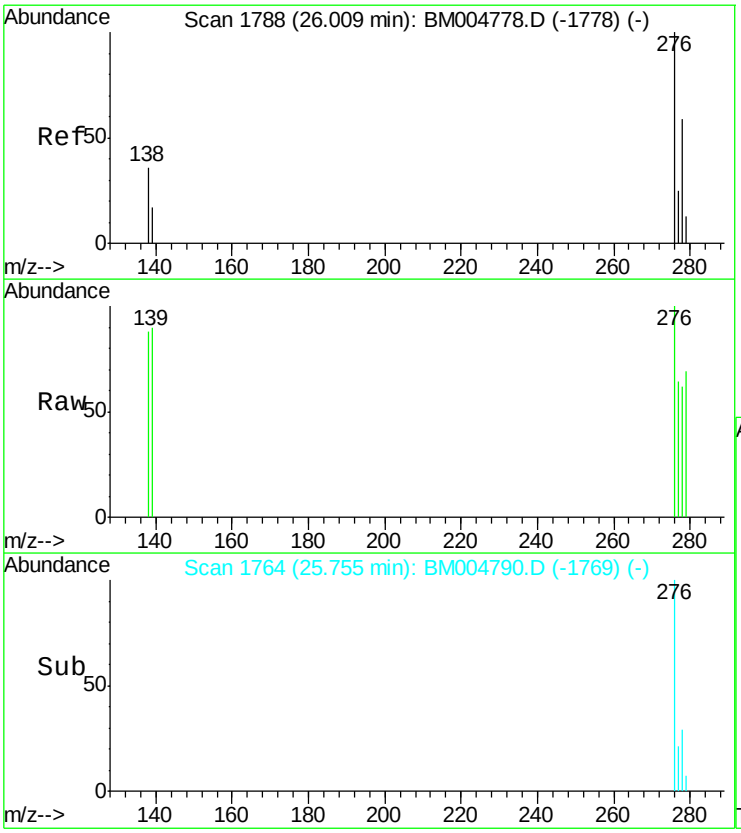
#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.48 min Scan# 1546
Delta R.T. -0.10 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Instrument :
BNA_M
ClientSampleId :
A4T52

Tgt Ion:252 Resp: 1699

Ion	Ratio	Lower	Upper
252	100		
253	37.1	19.4	29.2#
125	51.4	12.7	19.1#

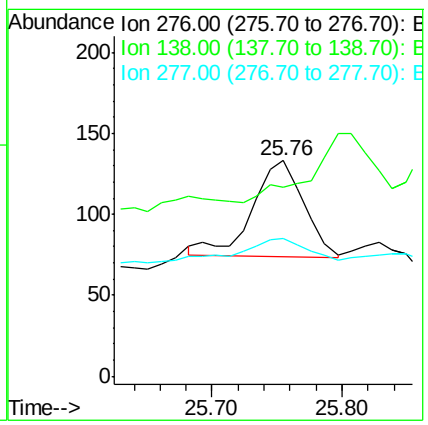


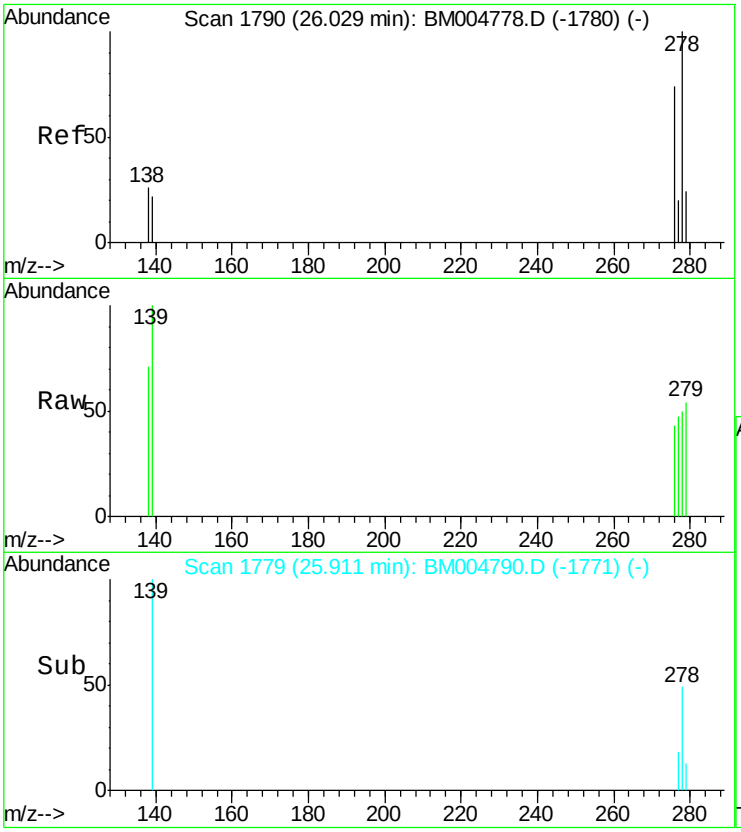


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.25 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:276 Resp: 163

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.3	24.5#
277	23.3	19.8	29.8



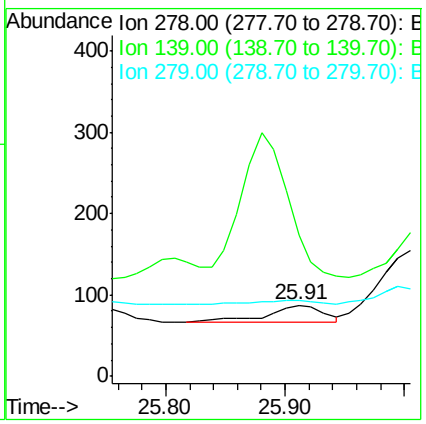


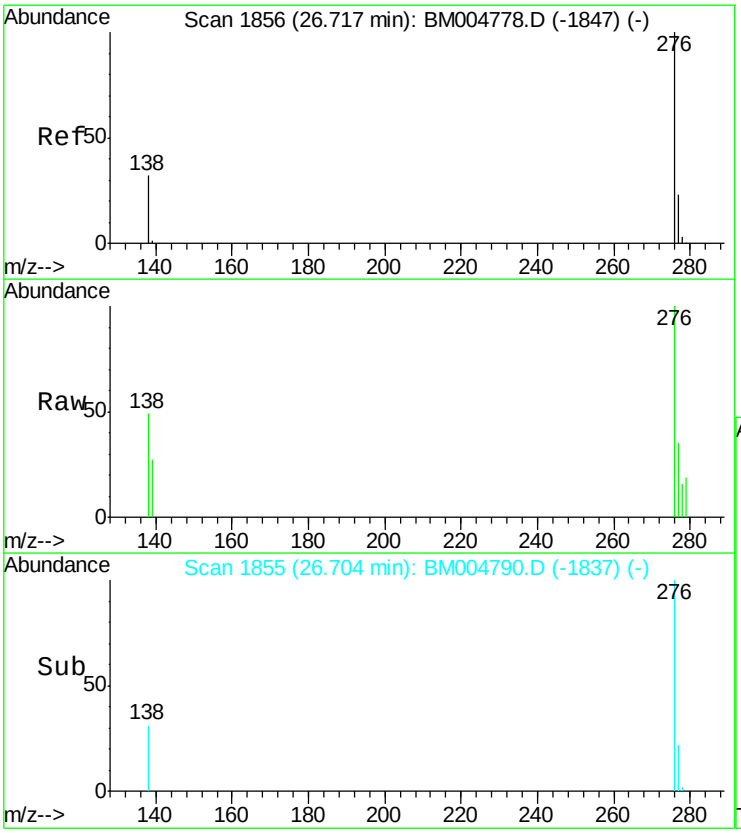
#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.91 min Scan# 1779
Delta R.T. -0.12 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Instrument :
BNA_M
ClientSampleId :
A4T52

Tgt Ion:278 Resp: 64

Ion	Ratio	Lower	Upper
278	100		
139	198.9	16.4	24.6#
279	108.0	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.70 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:276 Resp: 854

Ion	Ratio	Lower	Upper
276	100		
277	34.5	18.9	28.3#
138	48.8	22.5	33.7#