Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
Data File : BM004769.D
Acq On : 25 Mar 2016 02:50
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.435

Quant Time: Mar 25 04:12:28 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	1187	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5090	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2556	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	5326	5.00	ng/ul	0.00
18) Chrysene-d12	21.40	240	5351	5.00	ng/ul	0.00
22) Perylene-d12	23.69	264	4757	5.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	1111	1.93	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2607	0.45	ng/ul	0.00
16) Fluoranthene-d10	19.25	212	5305	0.49	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.35	88	1355	1.93	ng/ul#	21
5) Naphthalene	10.67	128	5112	0.43	ng/ul#	95
7) 2-Methylnaphthalene	12.28	142	3434	0.45	ng/ul	100
9) Acenaphthylene	14.18	152	4989	0.53	ng/ul	96
10) Acenaphthene	14.52	153	3625	0.43	ng/ul#	84
11) Fluorene	15.51	166	3995	0.45	ng/ul	85
13) Pentachlorophenol	16.87	266	493	0.69	ng/ul	95
14) Phenanthrene	17.24	178	6262	0.43	ng/ul#	93
15) Anthracene	17.24	178	6261	0.52	ng/ul	96
17) Fluoranthene	19.27	202	7204	0.48	ng/ul	95
19) Pyrene	19.63	202	7630	0.41	ng/ul	96
20) Benzo(a)anthracene	21.38	228	6486	0.51	ng/ul	92
21) Chrysene	21.43	228	6368	0.37	ng/ul	93
23) Benzo(b)fluoranthene	23.00	252	6231	0.37	ng/ul#	76
24) Benzo(k)fluoranthene	23.04	252	5740	0.33	ng/ul#	79
25) Benzo(a)pyrene	23.59	252	5968	0.42	ng/ul#	73
26) Indeno(1,2,3-cd)pyrene	26.01	276	6387	0.41	ng/ul#	83
27) Dibenzo(a,h)anthracene	26.03	278	5073	0.41	ng/ul#	73
28) Benzo(g,h,i)perylene	26.73	276	5419	0.36	ng/ul#	82

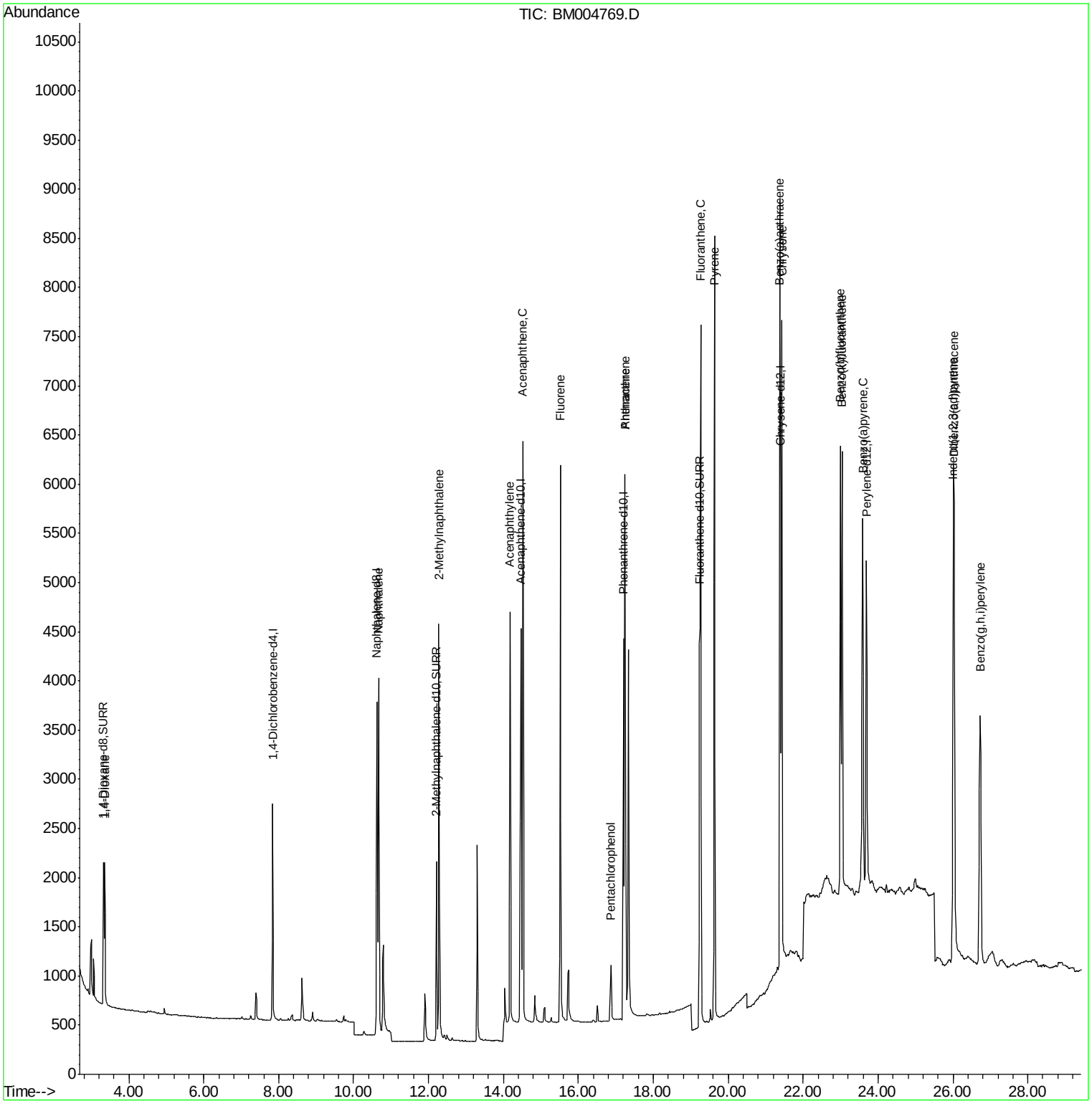
(#) = qualifier out of range (m) = manual integration (+) = signals summed

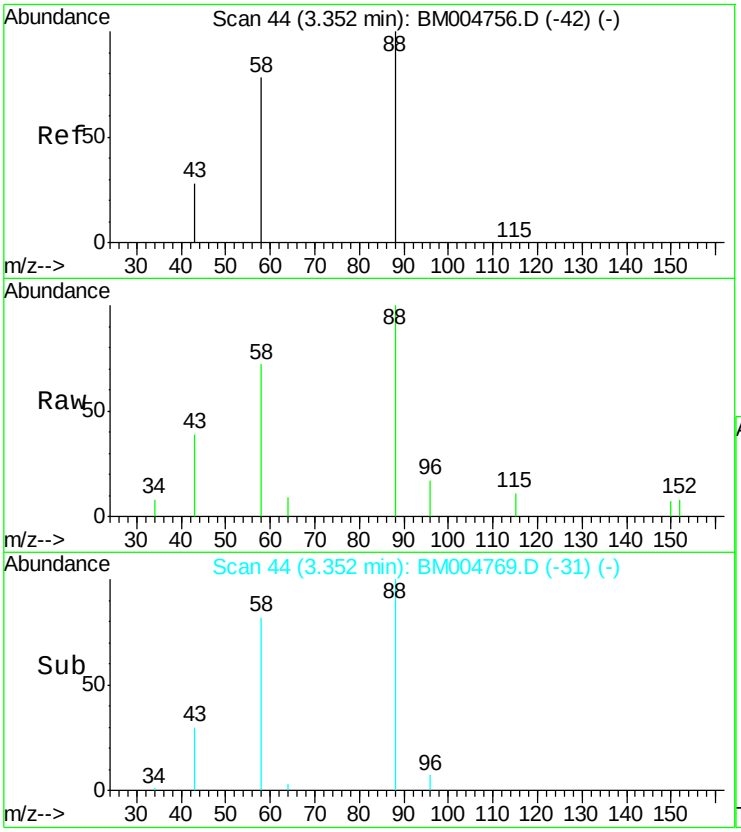
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
Data File : BM004769.D
Acq On : 25 Mar 2016 02:50
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.435

Quant Time: Mar 25 04:12:28 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



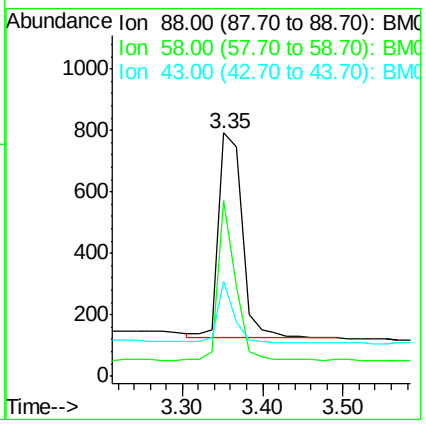


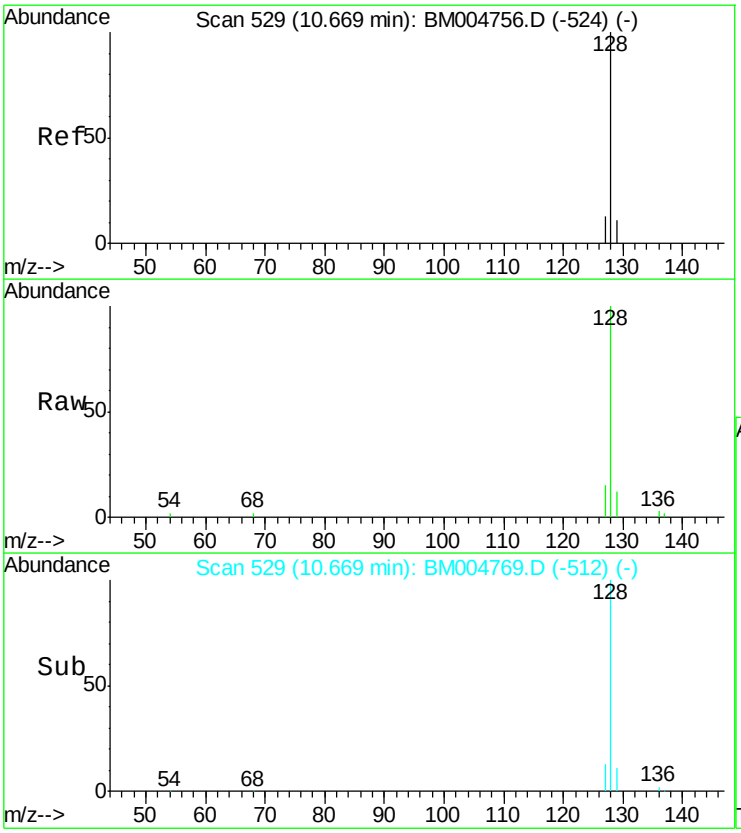
#3
1,4-Dioxane
Concen: 1.93 ng/ul
RT: 3.35 min Scan# 44
Delta R.T. 0.00 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.435

Tgt Ion: 88 Resp: 1355

Ion	Ratio	Lower	Upper
88	100		
58	57.0	8.0	12.0#
43	21.5	8.0	12.0#

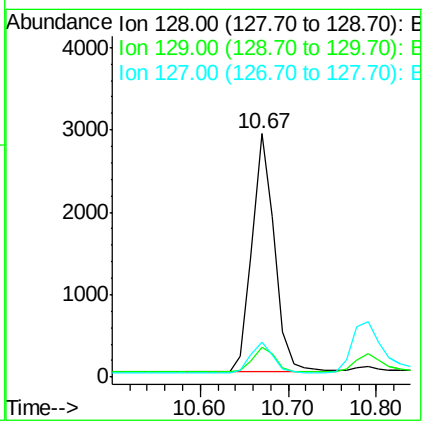


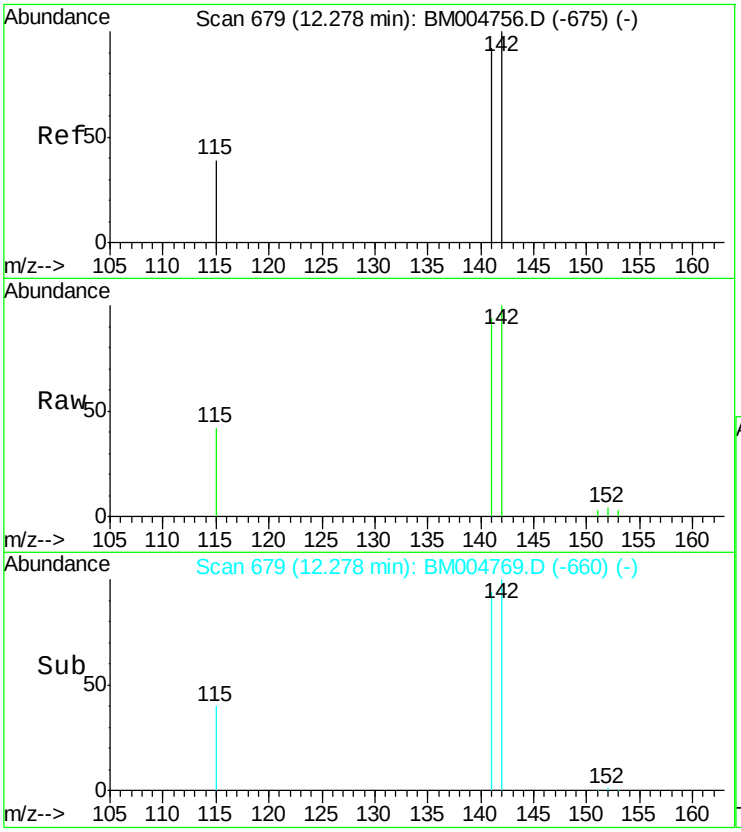


#5
Naphthalene
Concen: 0.43 ng/ul
RT: 10.67 min Scan# 529
Delta R.T. 0.00 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Tgt Ion:128 Resp: 5112

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.0	13.6
127	14.6	9.6	14.4#



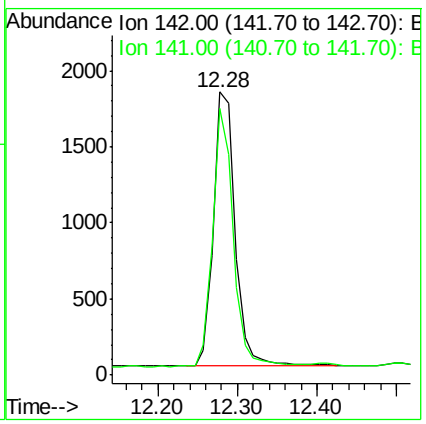


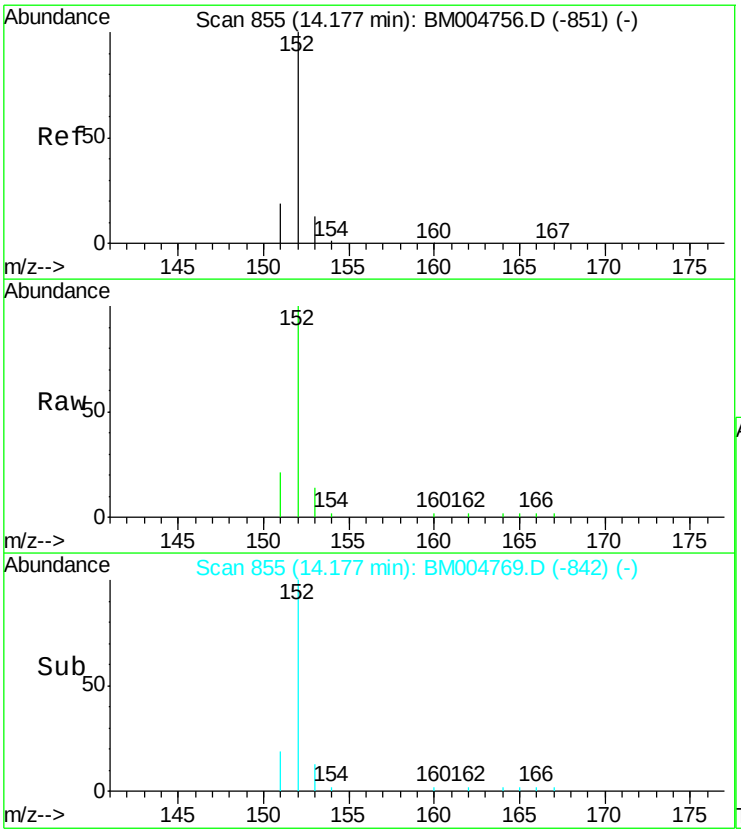
#7
2-Methylnaphthalene
Concen: 0.45 ng/ul
RT: 12.28 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.435

Tgt Ion:142 Resp: 3434

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5

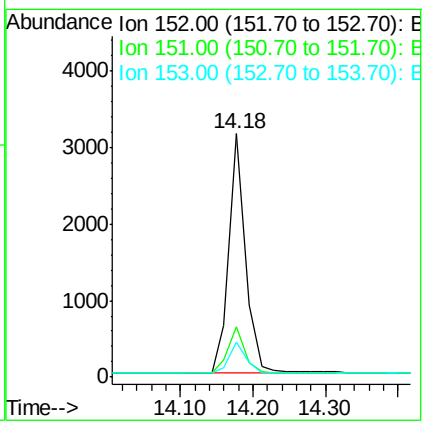


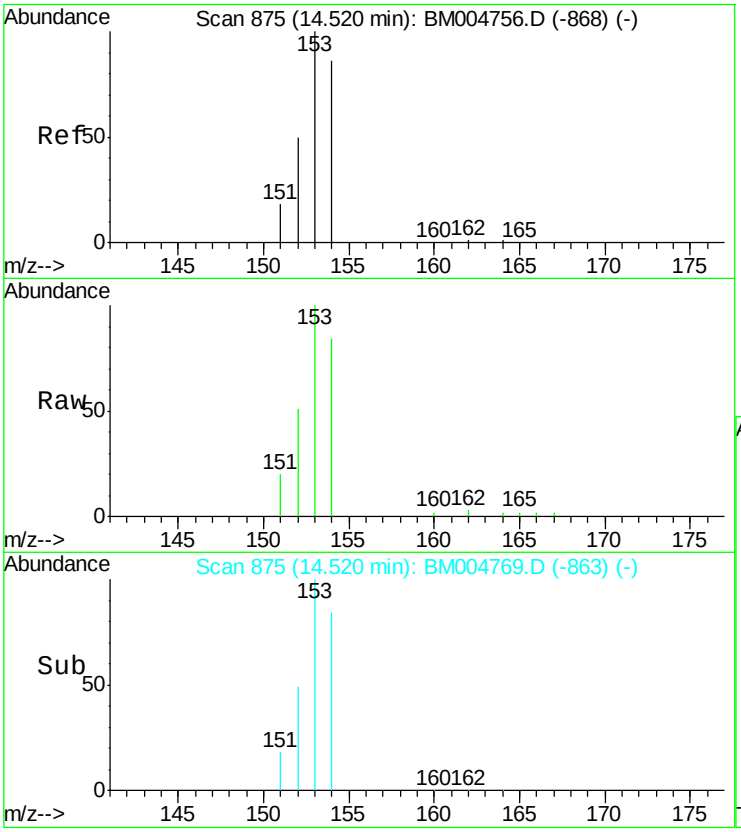


#9
Acenaphthylene
Concen: 0.53 ng/ul
RT: 14.18 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Tgt Ion:152 Resp: 4989

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.6	26.4
153	14.4	9.7	14.5



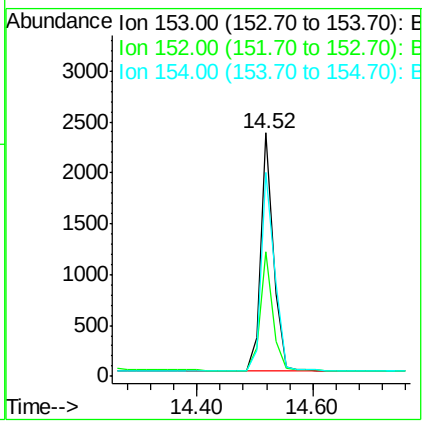


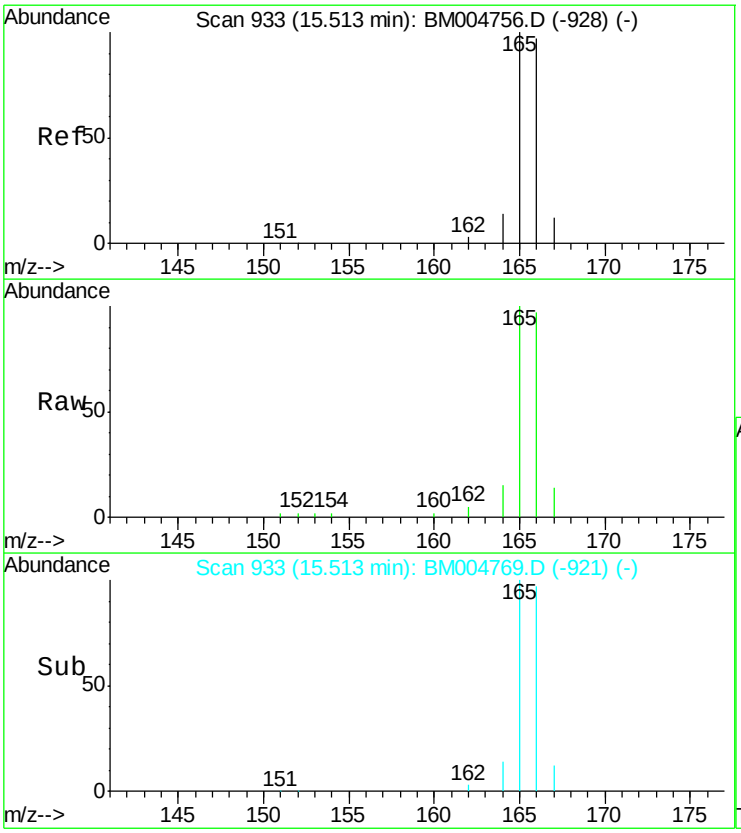
#10
Acenaphthene
Concen: 0.43 ng/ul
RT: 14.52 min Scan# 875
Delta R.T. 0.00 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.435

Tgt Ion:153 Resp: 3625

Ion	Ratio	Lower	Upper
153	100		
152	51.1	33.9	50.9#
154	83.9	80.6	121.0

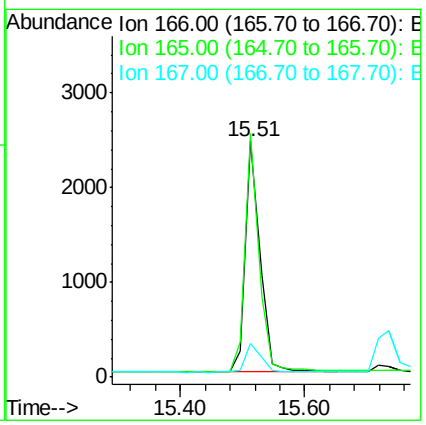


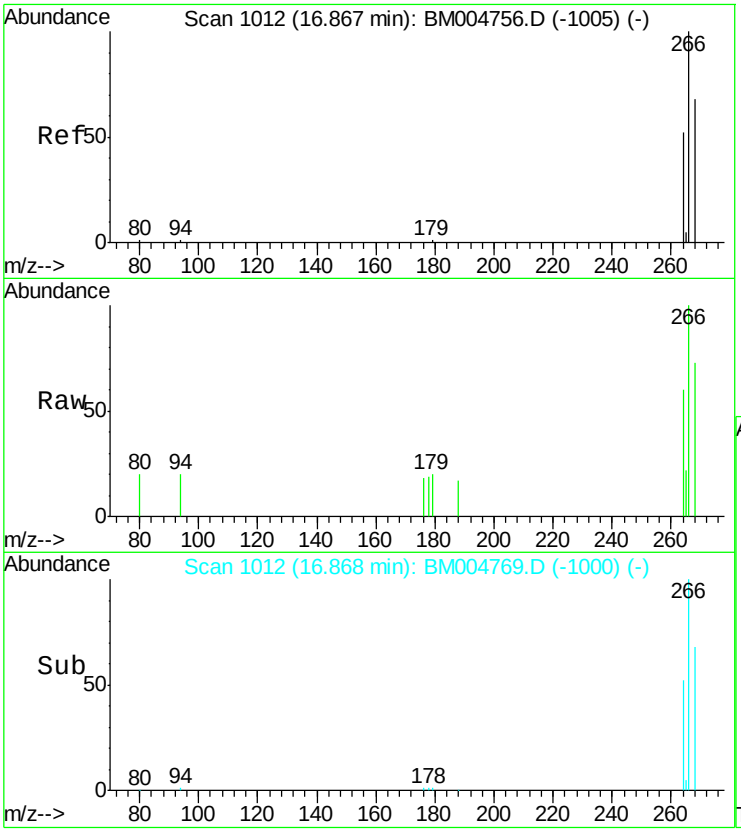


#11
Fluorene
Concen: 0.45 ng/ul
RT: 15.51 min Scan# 933
Delta R.T. 0.00 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Tgt Ion:166 Resp: 3995

Ion	Ratio	Lower	Upper
166	100		
165	103.5	69.6	104.4
167	14.4	11.9	17.9



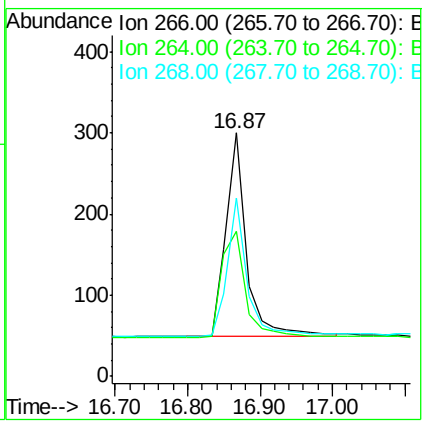


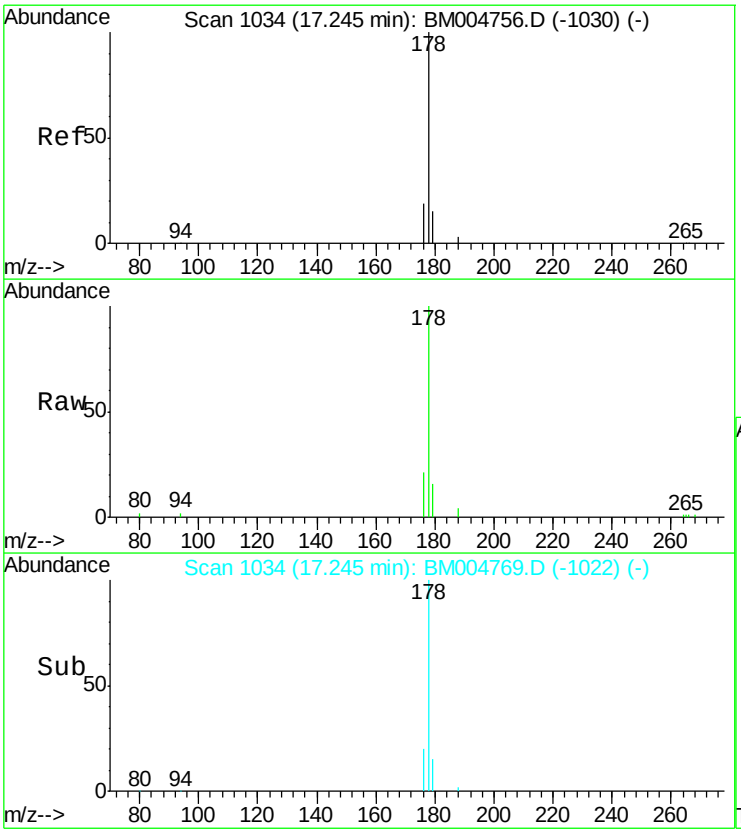
#13
Pentachlorophenol
Concen: 0.69 ng/ul
RT: 16.87 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.435

Tgt Ion:266 Resp: 493

Ion	Ratio	Lower	Upper
266	100		
264	61.5	51.8	77.8
268	63.5	46.8	70.2

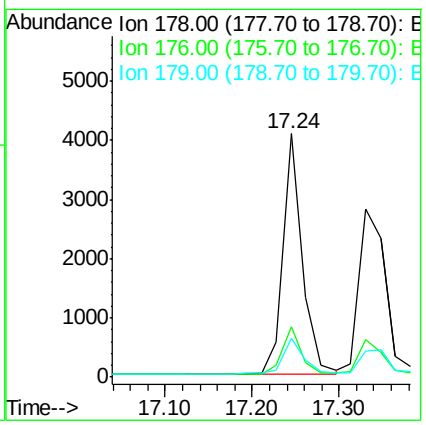


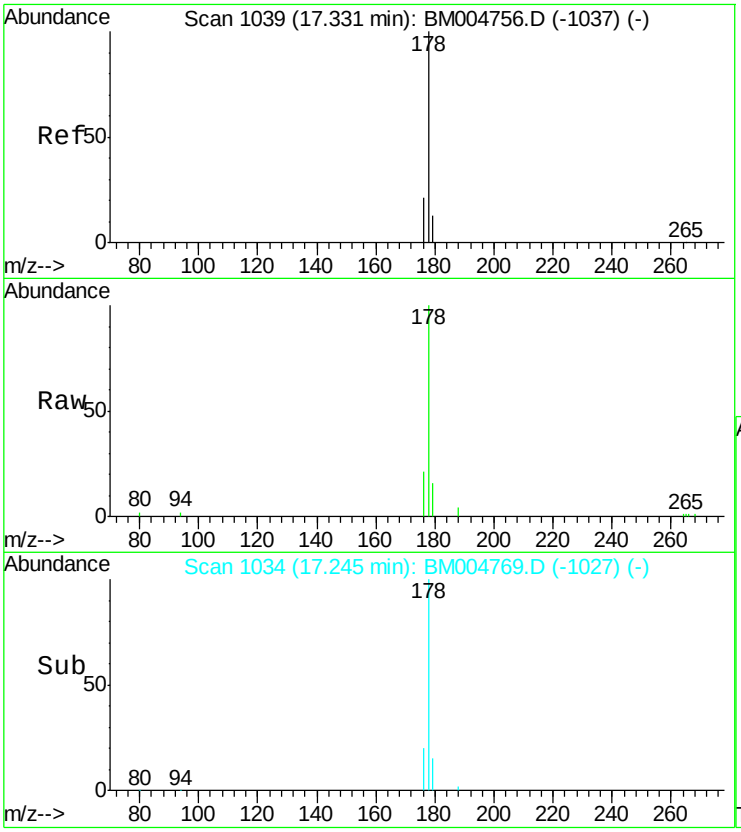


#14
Phenanthrene
Concen: 0.43 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Tgt Ion:178 Resp: 6262

Ion	Ratio	Lower	Upper
178	100		
176	20.7	13.0	19.4#
179	15.9	14.2	21.2



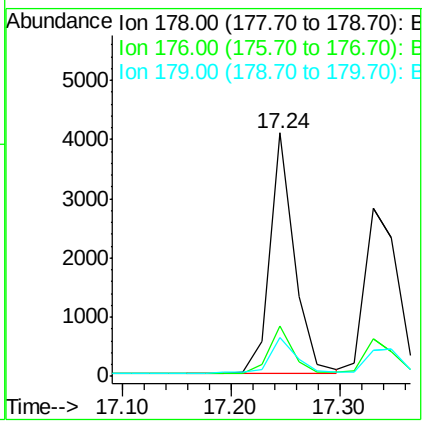


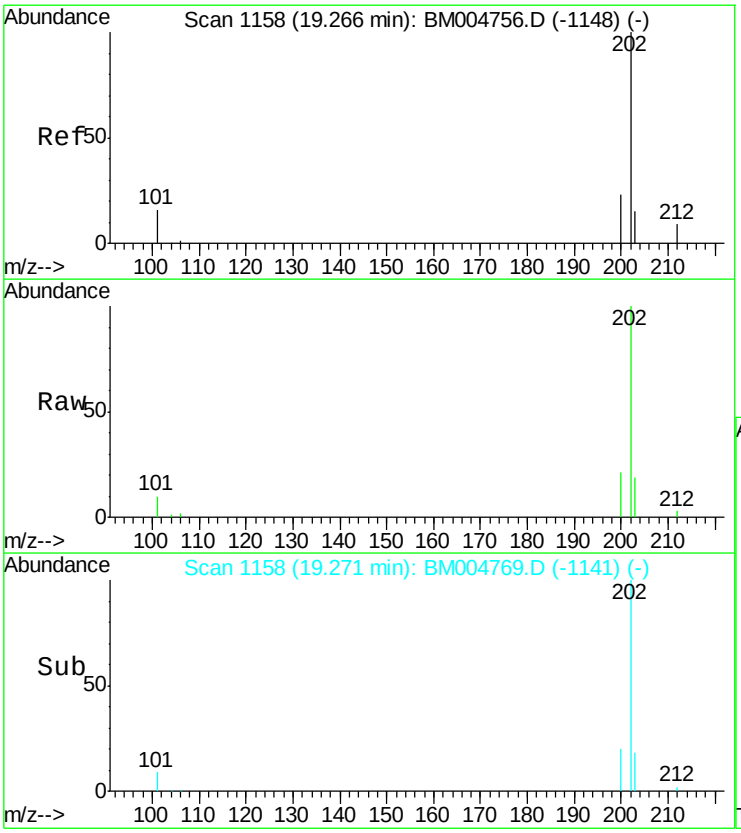
#15
Anthracene
Concen: 0.52 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. -0.09 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.435

Tgt Ion:178 Resp: 6261

Ion	Ratio	Lower	Upper
178	100		
176	20.7	14.0	21.0
179	15.9	12.9	19.3

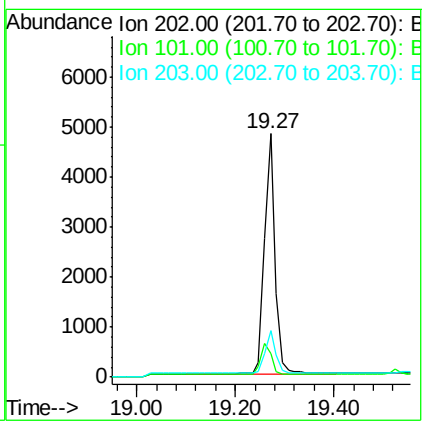


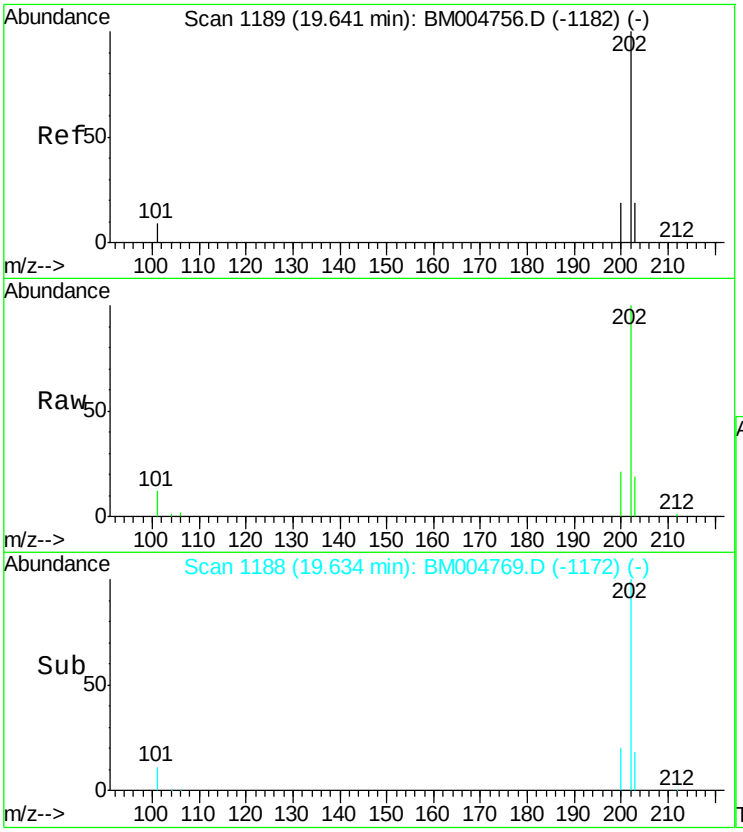


#17
Fluoranthene
Concen: 0.48 ng/ul
RT: 19.27 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Tgt Ion:202 Resp: 7204

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.6
203	19.2	0.0	36.3



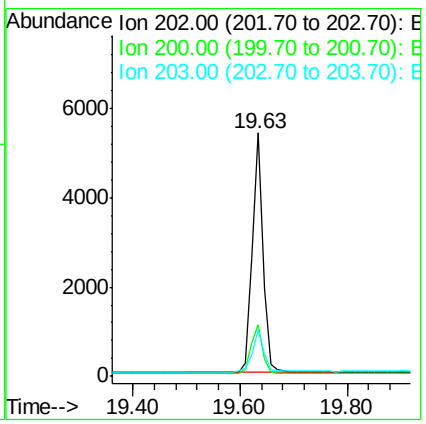


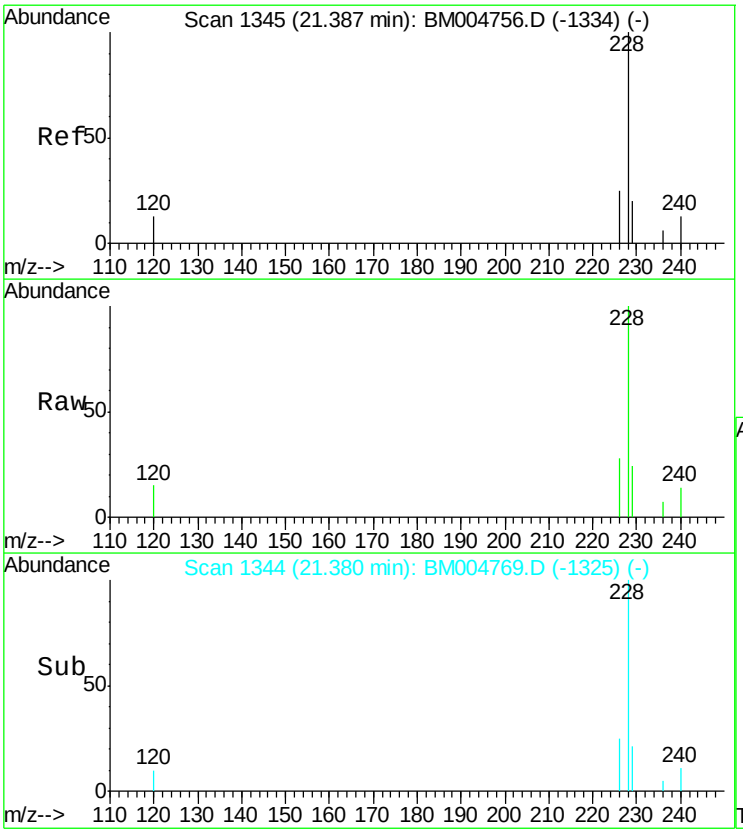
#19
Pyrene
Concen: 0.41 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.435

Tgt Ion:202 Resp: 7630

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.8
203	19.0	12.8	19.2

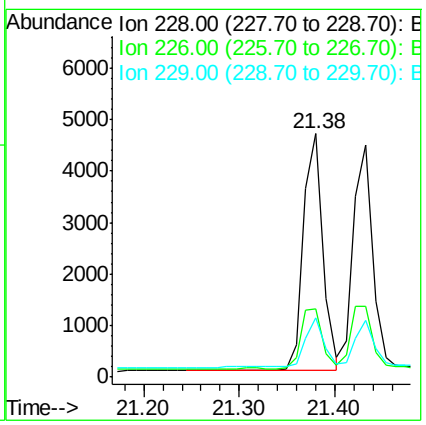


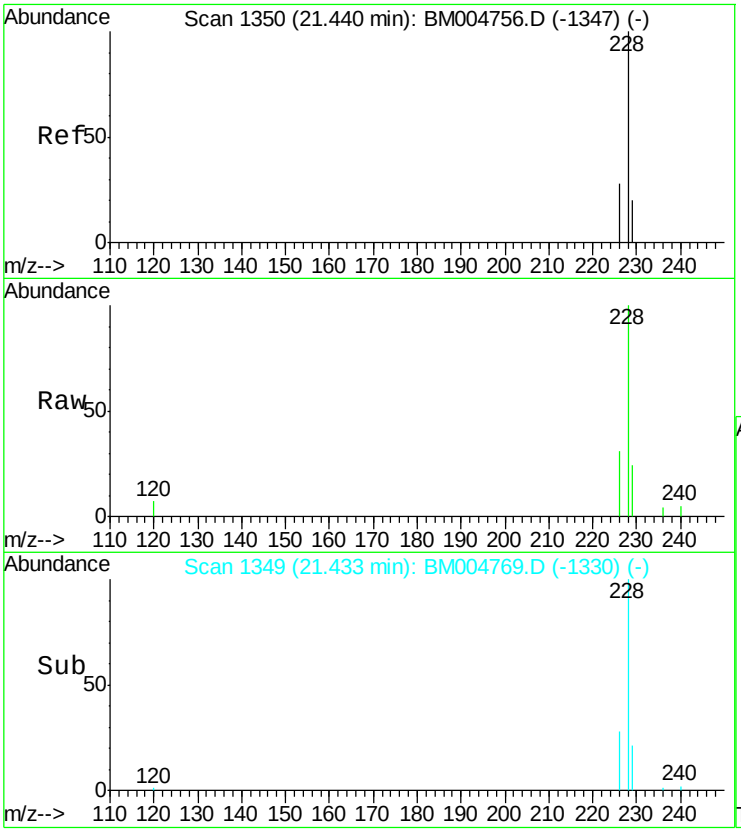


#20
Benzo(a)anthracene
Concen: 0.51 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Tgt Ion:228 Resp: 6486

Ion	Ratio	Lower	Upper
228	100		
226	27.9	18.8	28.2
229	24.1	17.1	25.7



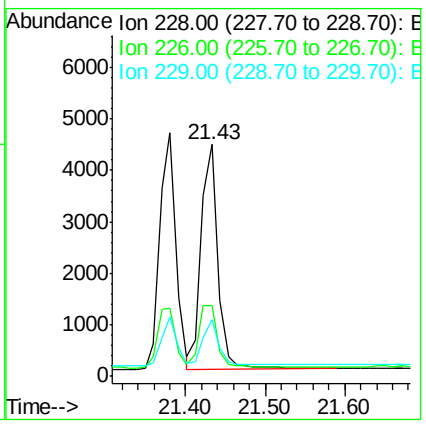


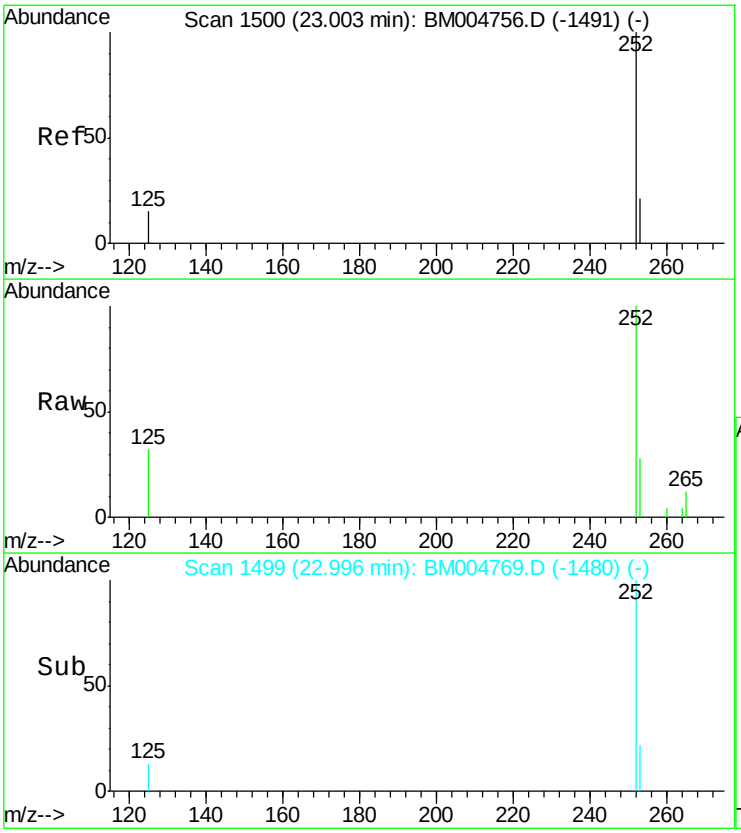
#21
Chrysene
Concen: 0.37 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.435

Tgt Ion:228 Resp: 6368

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.2	31.8
229	24.3	17.0	25.6

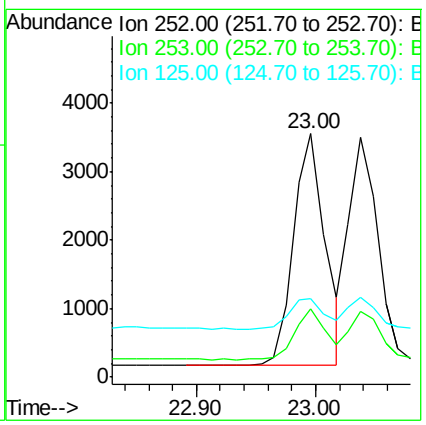


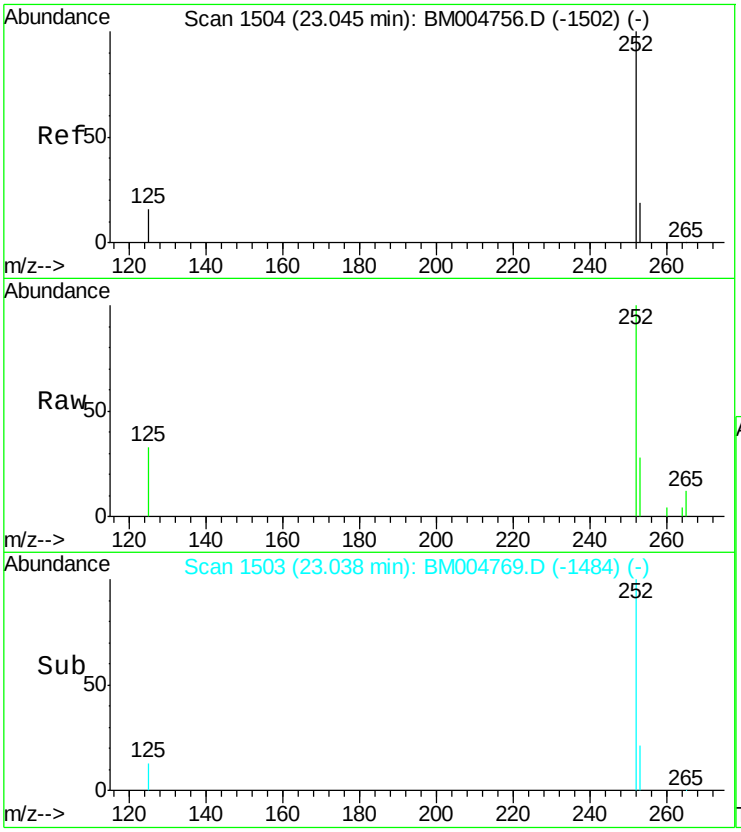


#23
Benzo(b)fluoranthene
Concen: 0.37 ng/ul
RT: 23.00 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Tgt Ion:252 Resp: 6231

Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	45.4
125	32.5	0.0	28.8#



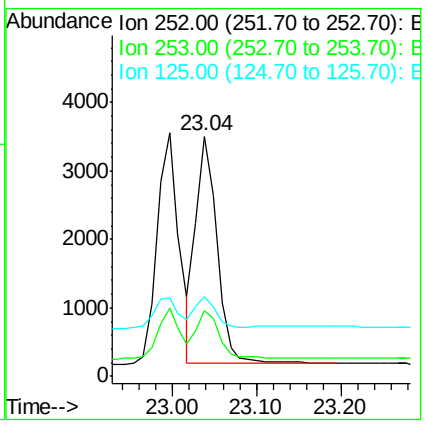


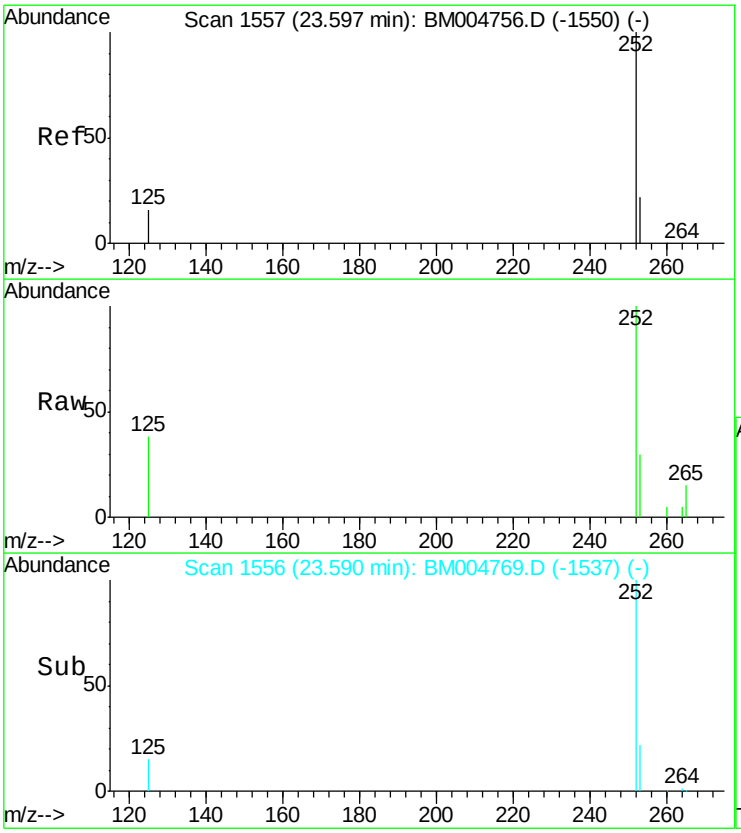
#24
Benzo(k)fluoranthene
Concen: 0.33 ng/ul
RT: 23.04 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.435

Tgt Ion:252 Resp: 5740

Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.8	29.8
125	33.1	10.4	15.6#

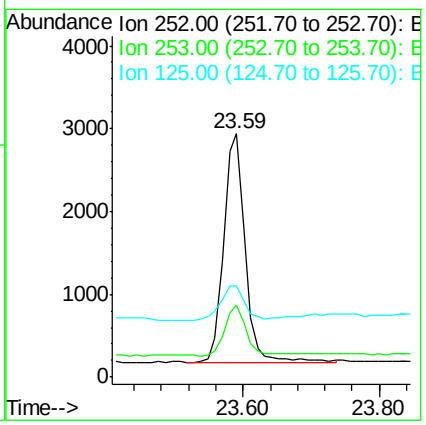


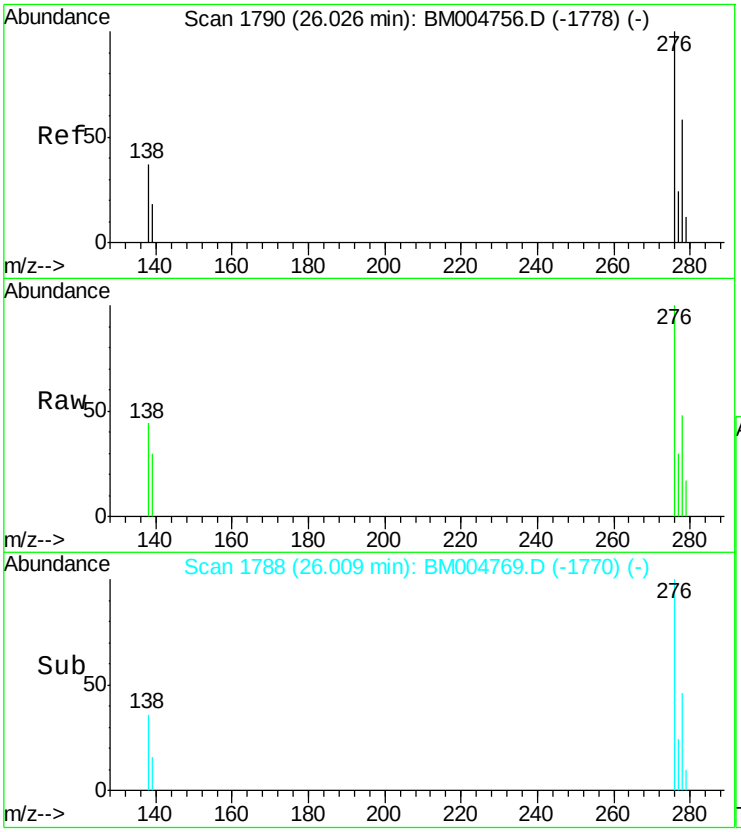


#25
Benzo(a)pyrene
Concen: 0.42 ng/ul
RT: 23.59 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Tgt Ion:252 Resp: 5968

Ion	Ratio	Lower	Upper
252	100		
253	29.9	19.4	29.2#
125	37.7	12.7	19.1#



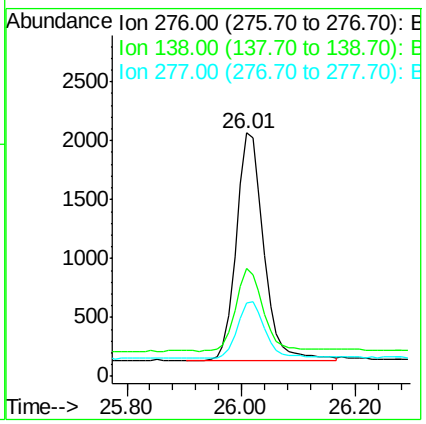


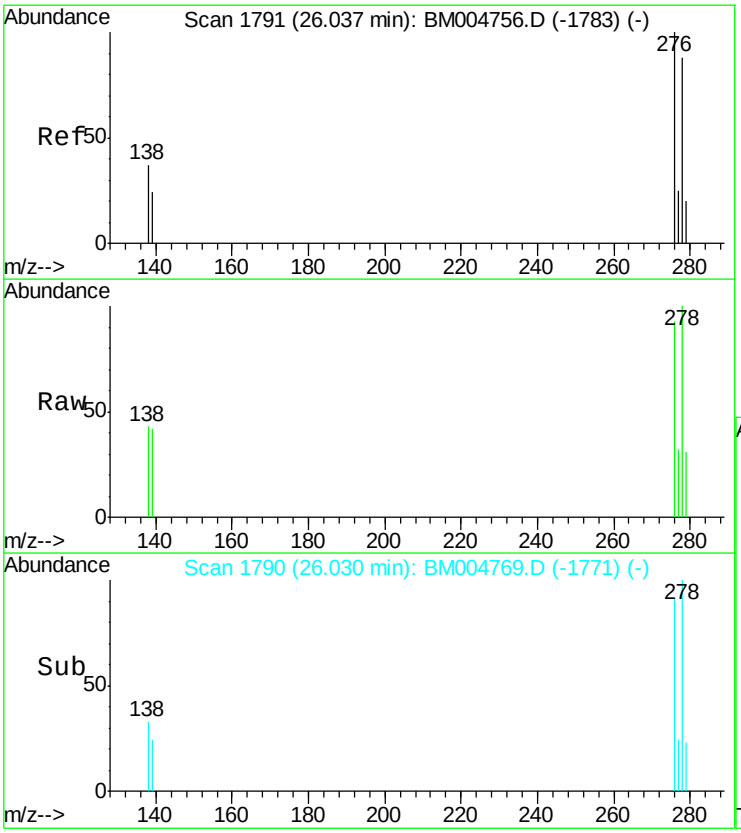
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng/ul
RT: 26.01 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.435

Tgt Ion:276 Resp: 6387

Ion	Ratio	Lower	Upper
276	100		
138	36.9	16.3	24.5#
277	25.3	19.8	29.8

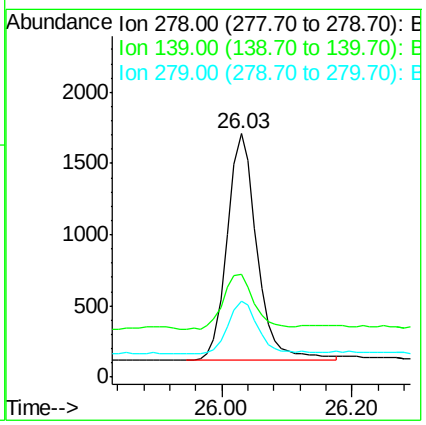


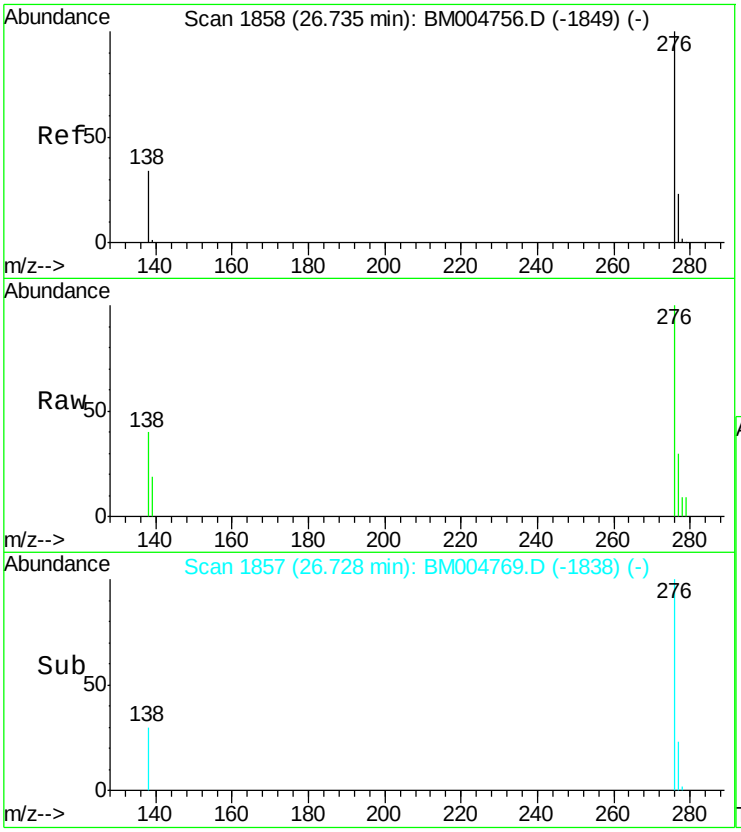


#27
Dibenzo(a,h)anthracene
Concen: 0.41 ng/ul
RT: 26.03 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Tgt Ion:278 Resp: 5073

Ion	Ratio	Lower	Upper
278	100		
139	42.1	16.4	24.6#
279	31.0	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.36 ng/ul
RT: 26.73 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM004769.D
Acq: 25 Mar 2016 02:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.435

Tgt Ion:276 Resp: 5419

Ion	Ratio	Lower	Upper
276	100		
277	30.3	18.9	28.3#
138	39.9	22.5	33.7#