Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032816\
Data File : BM004808.D
Acq On : 28 Mar 2016 15:56
Operator : UM/SJ
Sample : H1909-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4T46

Quant Time: Mar 29 03:08:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 02:37:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	928	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4244	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2496	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	258124	5.00	ng/ul	0.09
18) Chrysene-d12	21.39	240	5962	5.00	ng/ul	0.00
22) Perylene-d12	23.54	264	273040	5.00	ng/ul	-0.14
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	3034	7.26	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	1335	0.23	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	3456	0.01	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.67	128	2460	0.24	ng/ul#	91
7) 2-Methylnaphthalene	12.28	142	368	0.05	ng/ul	99
9) Acenaphthylene	14.18	152	3630	0.32	ng/ul#	94
10) Acenaphthene	14.52	153	291	0.04	ng/ul#	85
11) Fluorene	15.51	166	751	0.08	ng/ul#	86
13) Pentachlorophenol	16.87	266	39	0.00	ng/ul#	82
14) Phenanthrene	17.25	178	13791	0.02	ng/ul	96
15) Anthracene	17.33	178	4232	0.01	ng/ul	95
17) Fluoranthene	19.42	202	2297	0.00	ng/ul	83
19) Pyrene	19.62	202	45379	2.22	ng/ul	98
20) Benzo(a)anthracene	21.37	228	27113	1.48	ng/ul#	91
21) Chrysene	21.42	228	28061	1.58	ng/ul	94
23) Benzo(b)fluoranthene	23.00	252	30775	0.03	ng/ul	94
24) Benzo(k)fluoranthene	23.00	252	48796	0.06	ng/ul#	94
25) Benzo(a)pyrene	23.58	252	20098	0.02	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.76	276	1793	0.00	ng/ul	97
27) Dibenzo(a,h)anthracene	25.92	278	734	0.00	ng/ul#	19

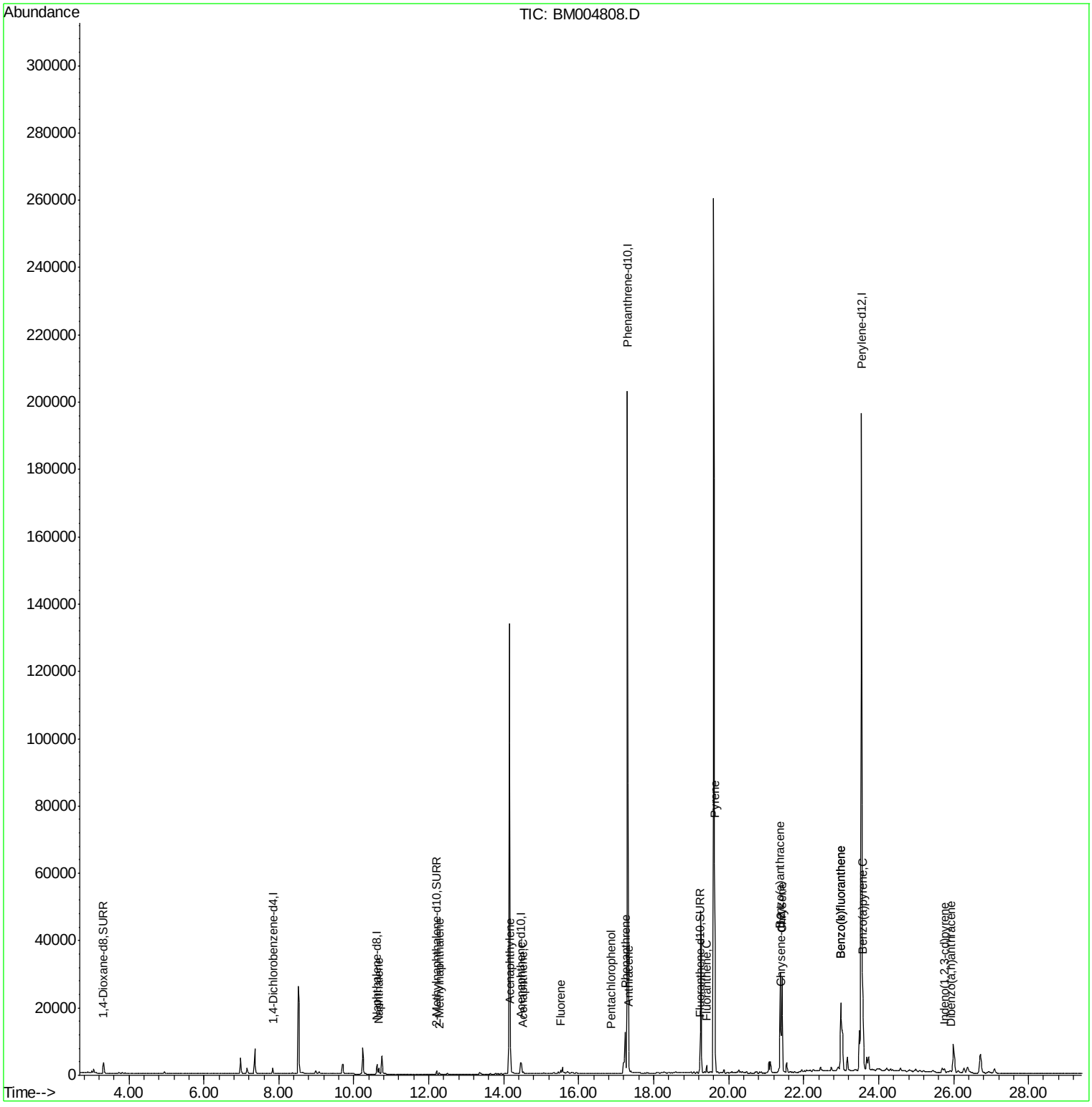
(#) = qualifier out of range (m) = manual integration (+) = signals summed

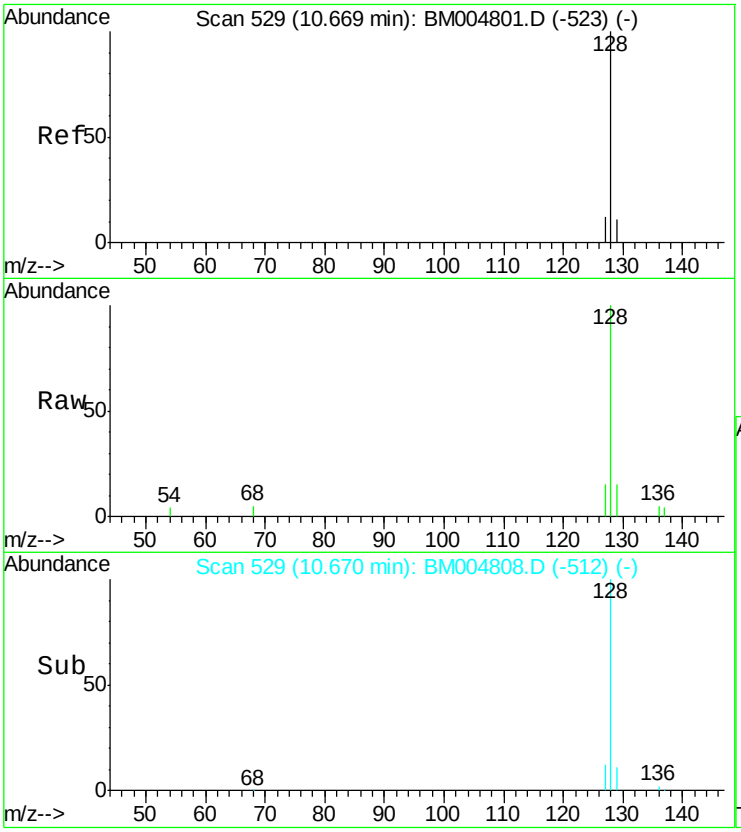
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032816\
Data File : BM004808.D
Acq On : 28 Mar 2016 15:56
Operator : UM/SJ
Sample : H1909-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4T46

Quant Time: Mar 29 03:08:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 02:37:56 2016
Response via : Initial Calibration



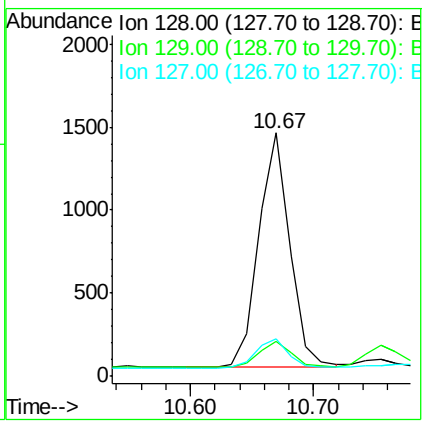


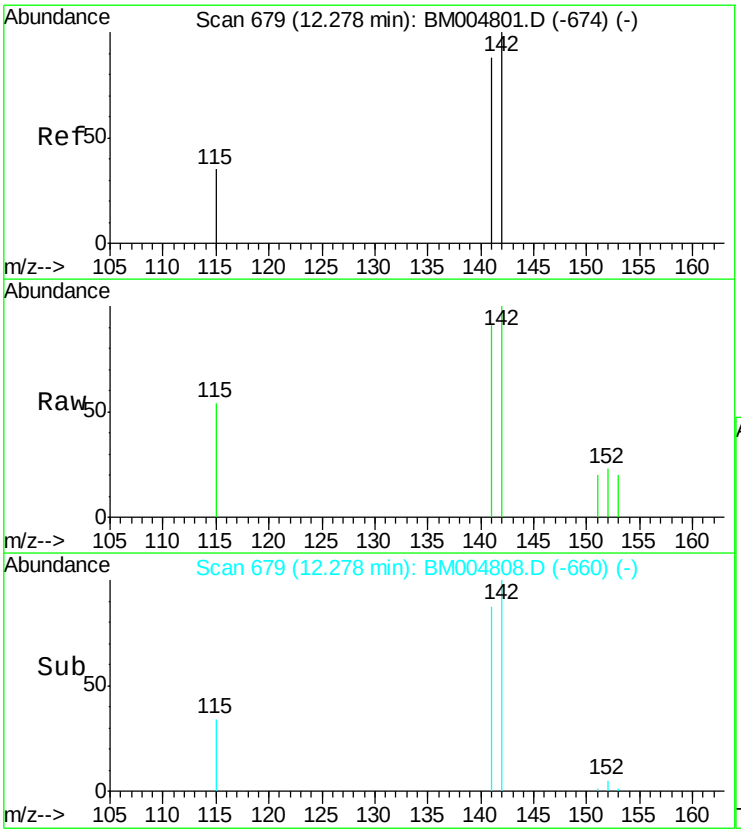
#5
Naphthalene
Concen: 0.24 ng/ul
RT: 10.67 min Scan# 529
Delta R.T. 0.00 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Instrument :
BNA_M
ClientSampleId :
A4T46

Tgt Ion:128 Resp: 2460

Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.0	13.6#
127	15.3	9.6	14.4#

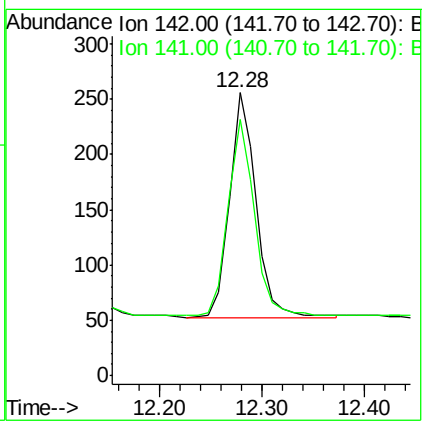


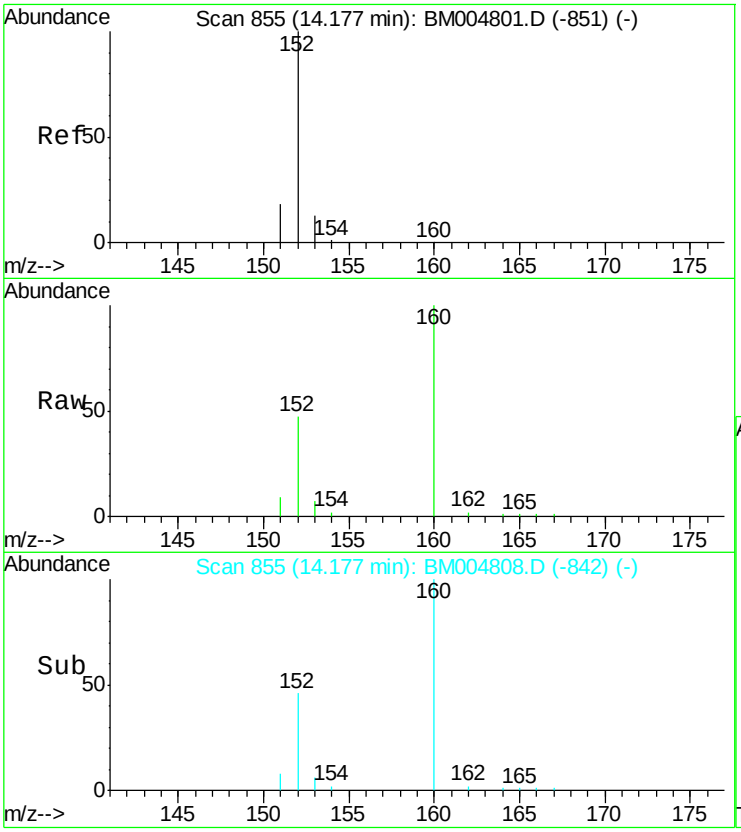


#7
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.28 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Tgt Ion:142 Resp: 368

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.3	105.5



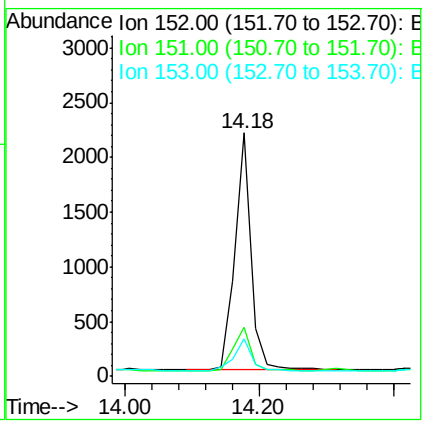


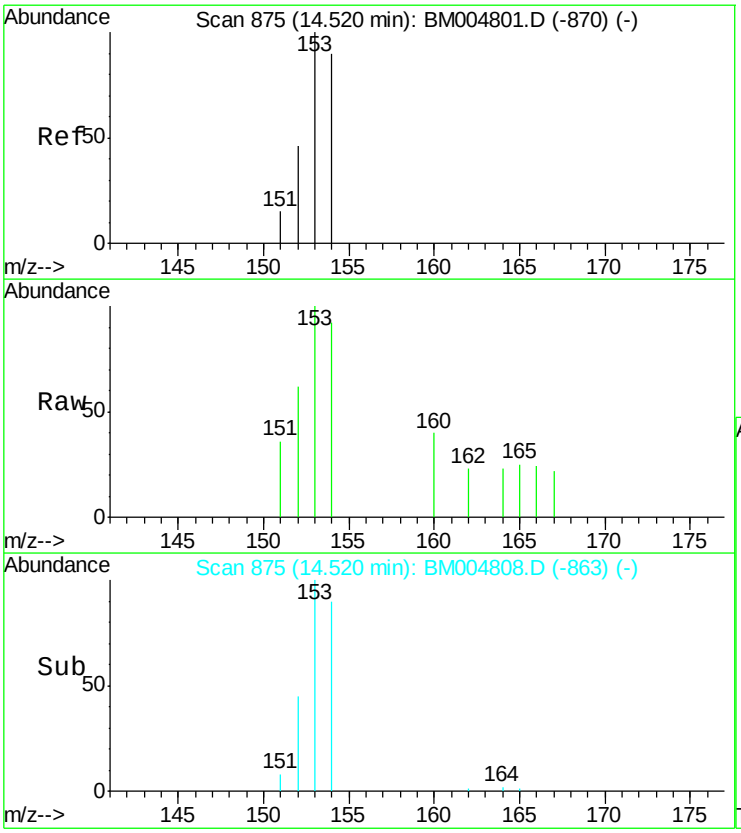
#9
Acenaphthylene
Concen: 0.32 ng/ul
RT: 14.18 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Instrument :
BNA_M
ClientSampleId :
A4T46

Tgt Ion:152 Resp: 3630

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.6	26.4
153	15.6	9.7	14.5#

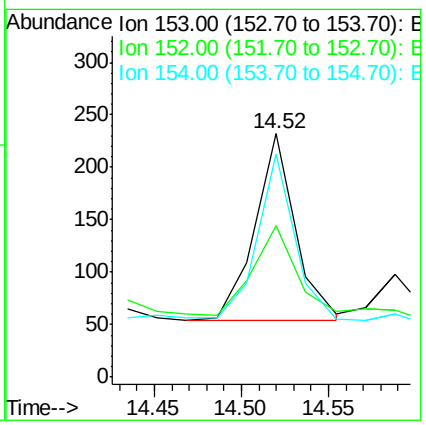


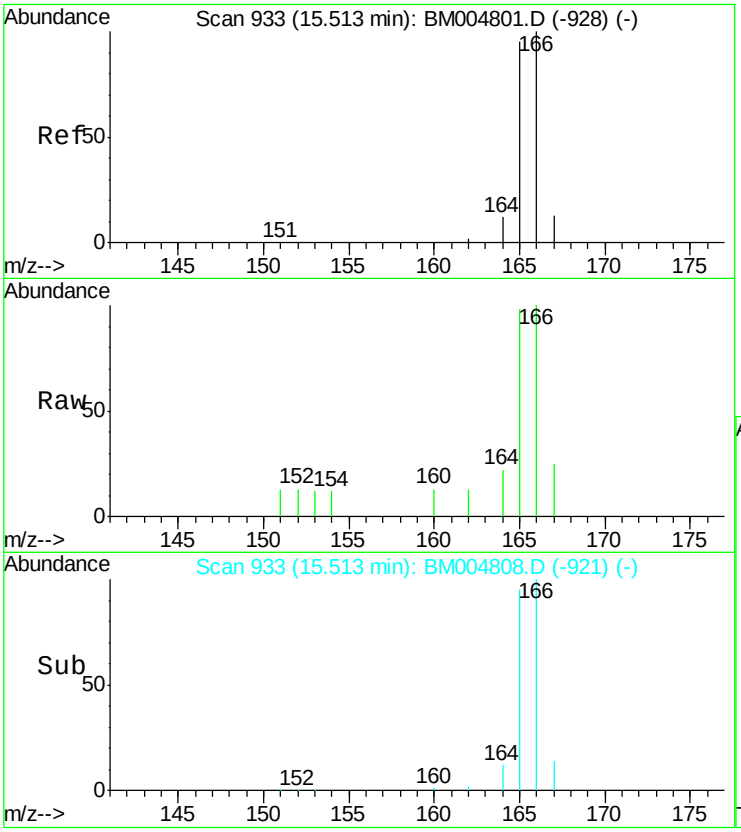


#10
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.52 min Scan# 875
Delta R.T. 0.00 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Tgt Ion:153 Resp: 291

Ion	Ratio	Lower	Upper
153	100		
152	62.1	33.9	50.9#
154	91.8	80.6	121.0



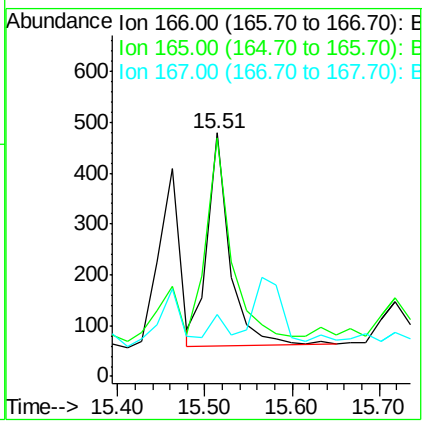


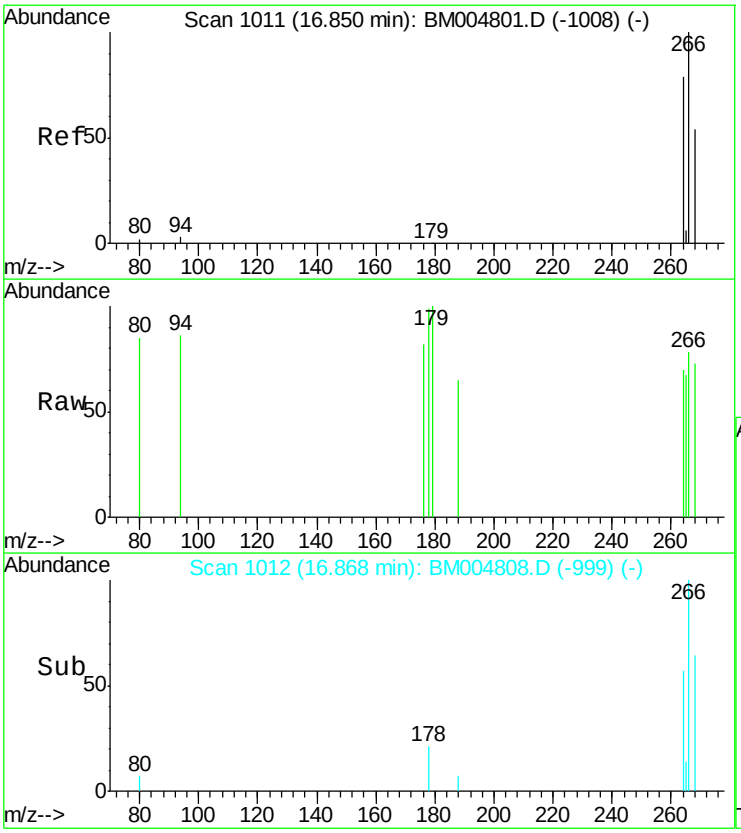
#11
Fluorene
Concen: 0.08 ng/ul
RT: 15.51 min Scan# 933
Delta R.T. 0.00 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Instrument :
BNA_M
ClientSampleId :
A4T46

Tgt Ion:166 Resp: 751

Ion	Ratio	Lower	Upper
166	100		
165	98.1	69.6	104.4
167	25.3	11.9	17.9#

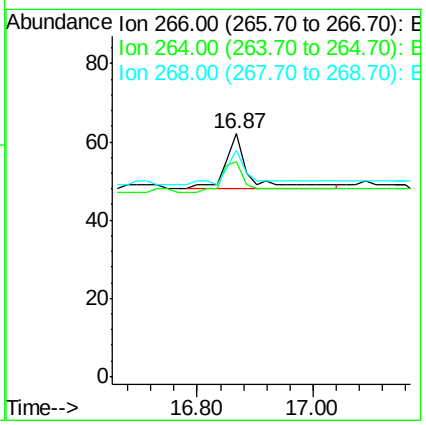


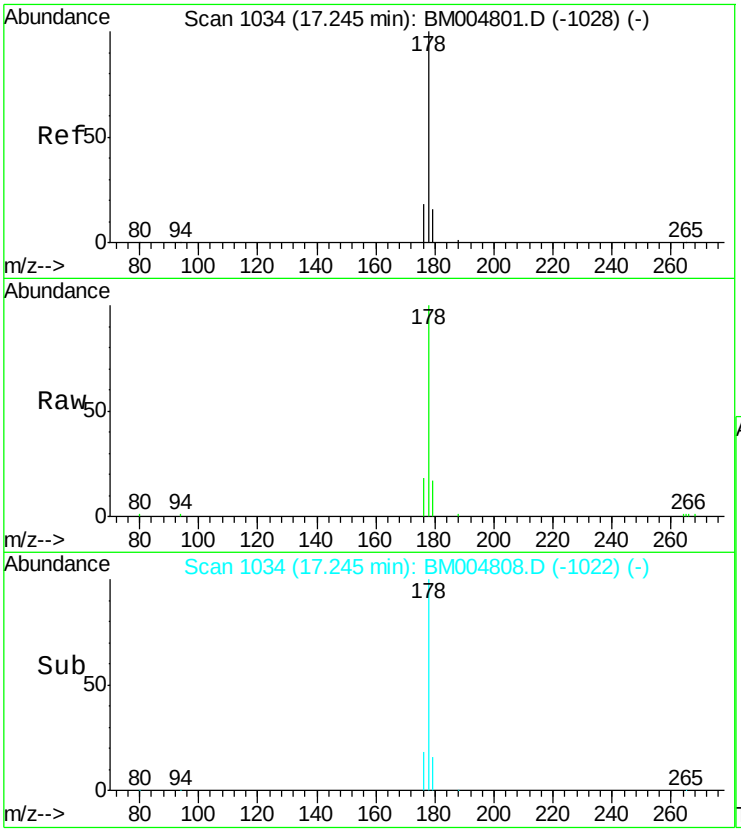


#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.87 min Scan# 1012
Delta R.T. 0.02 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Tgt Ion:266 Resp: 39

Ion	Ratio	Lower	Upper
266	100		
264	76.9	51.8	77.8
268	74.4	46.8	70.2#



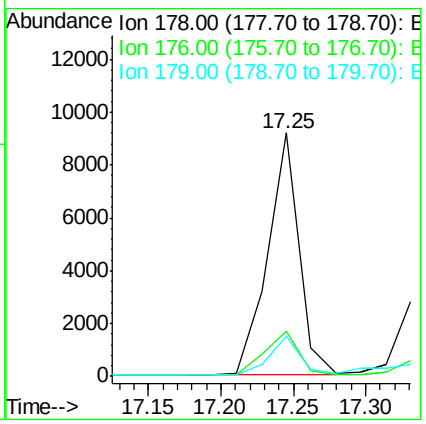


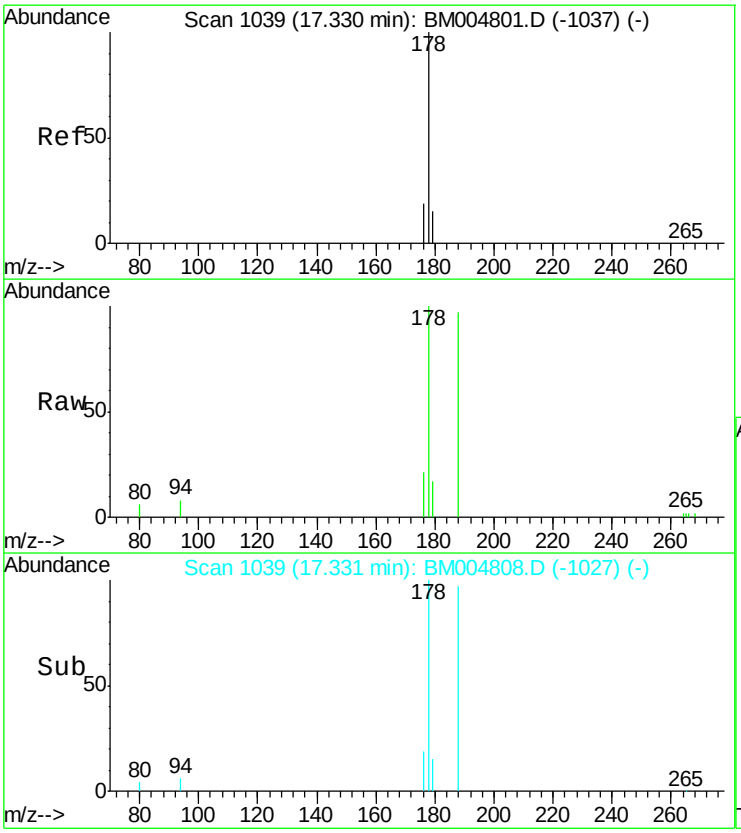
#14
Phenanthrene
Concen: 0.02 ng/ul
RT: 17.25 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Instrument :
BNA_M
ClientSampleId :
A4T46

Tgt Ion:178 Resp: 13791

Ion	Ratio	Lower	Upper
178	100		
176	18.5	13.0	19.4
179	16.6	14.2	21.2

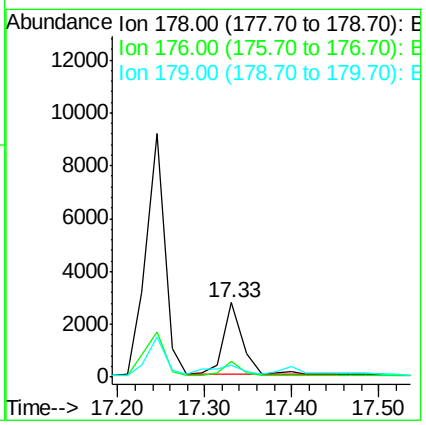


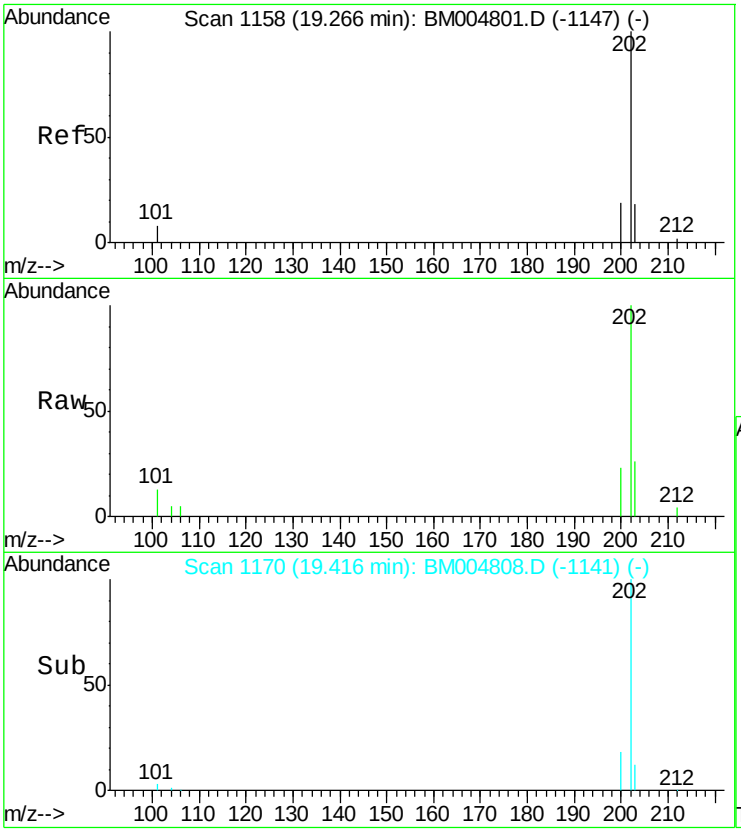


#15
Anthracene
Concen: 0.01 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Tgt Ion:178 Resp: 4232

Ion	Ratio	Lower	Upper
178	100		
176	20.9	14.0	21.0
179	16.7	12.9	19.3



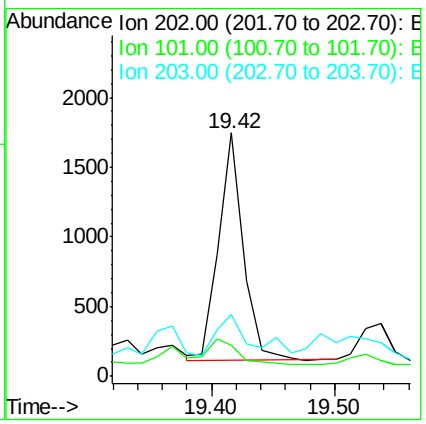


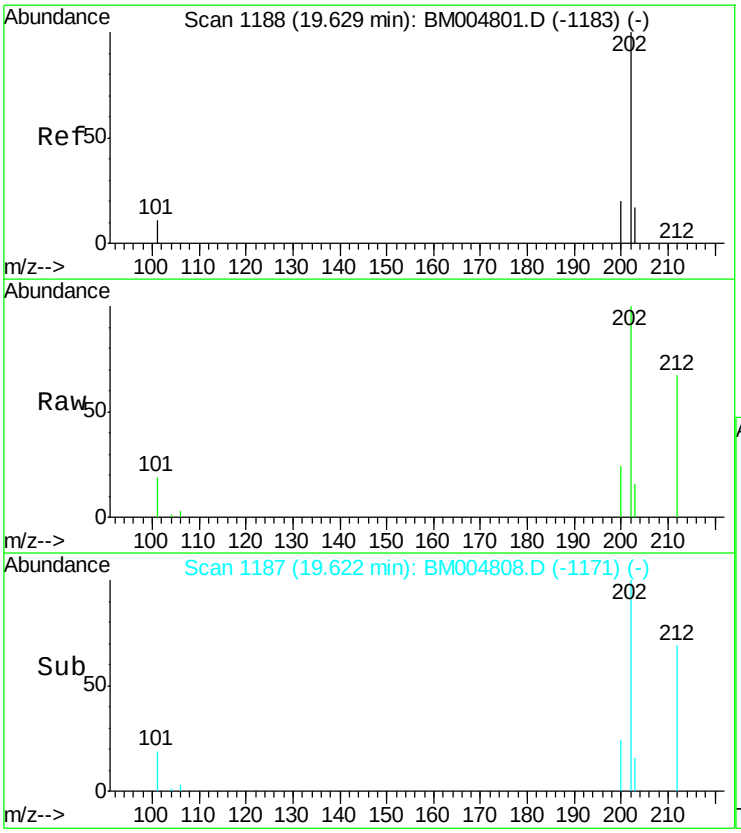
#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.42 min Scan# 1170
Delta R.T. 0.15 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Instrument :
BNA_M
ClientSampleId :
A4T46

Tgt Ion:202 Resp: 2297

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	29.6
203	25.5	0.0	36.3

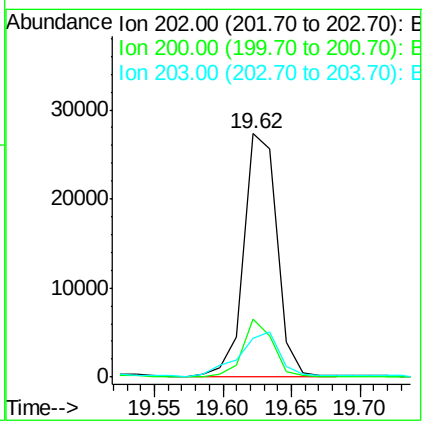


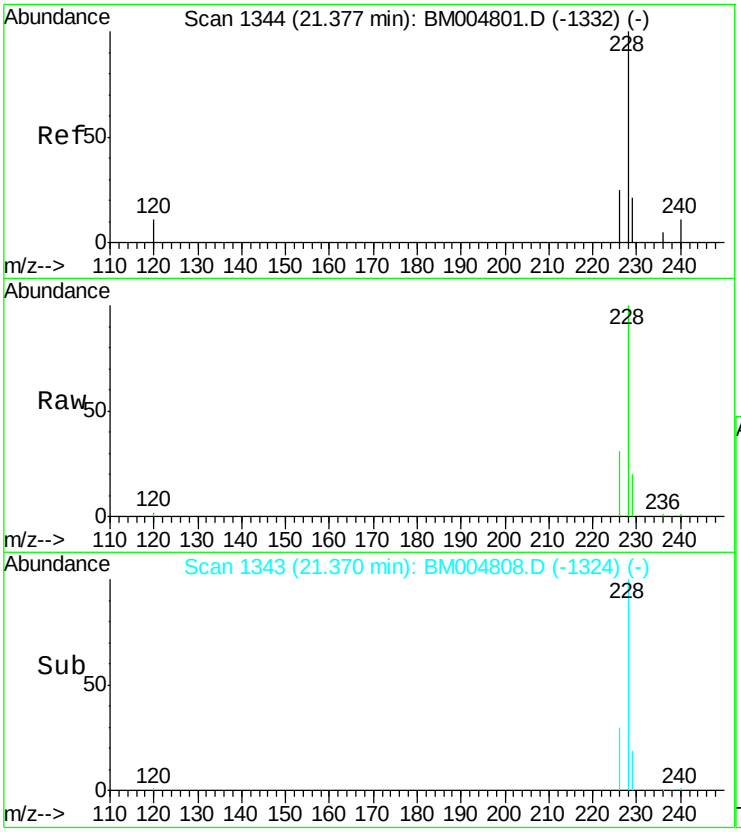


#19
Pyrene
Concen: 2.22 ng/ul
RT: 19.62 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Tgt Ion:202 Resp: 45379

Ion	Ratio	Lower	Upper
202	100		
200	23.8	17.8	26.8
203	16.1	12.8	19.2



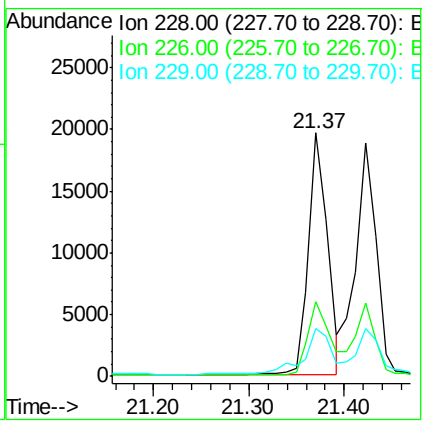


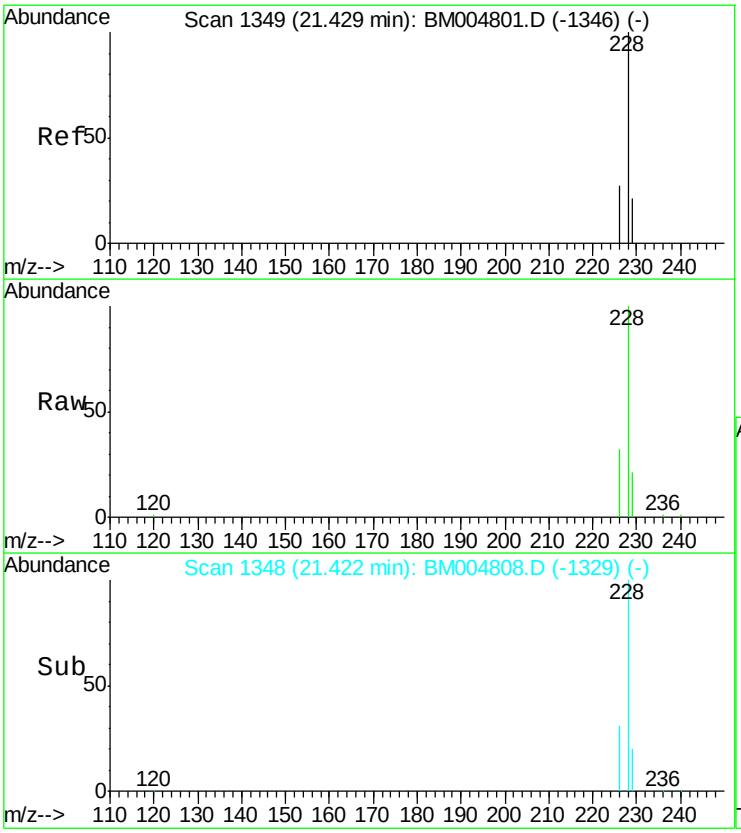
#20
Benzo(a)anthracene
Concen: 1.48 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Instrument :
BNA_M
ClientSampleId :
A4T46

Tgt Ion:228 Resp: 27113

Ion	Ratio	Lower	Upper
228	100		
226	30.6	18.8	28.2#
229	19.9	17.1	25.7

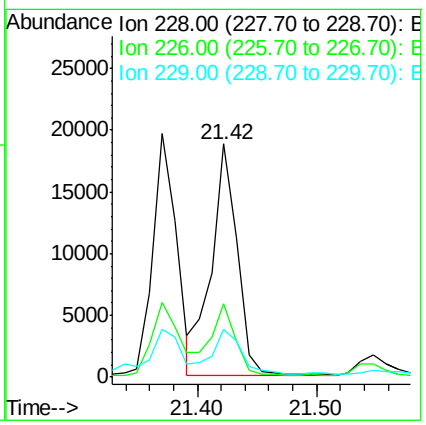


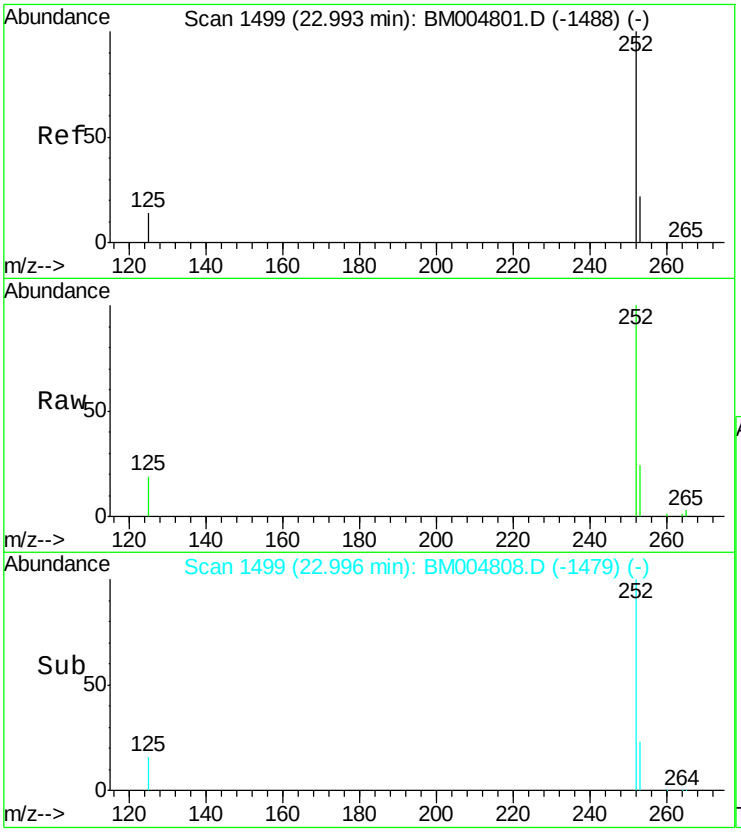


#21
Chrysene
Concen: 1.58 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Tgt Ion:228 Resp: 28061

Ion	Ratio	Lower	Upper
228	100		
226	31.7	21.2	31.8
229	20.7	17.0	25.6



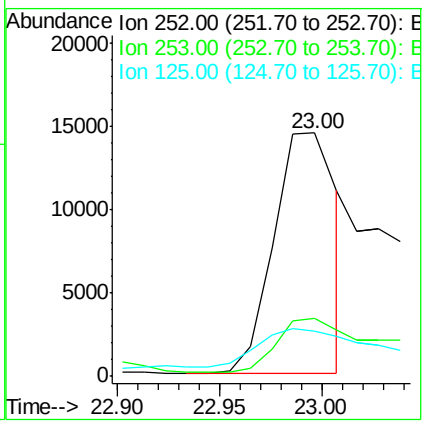


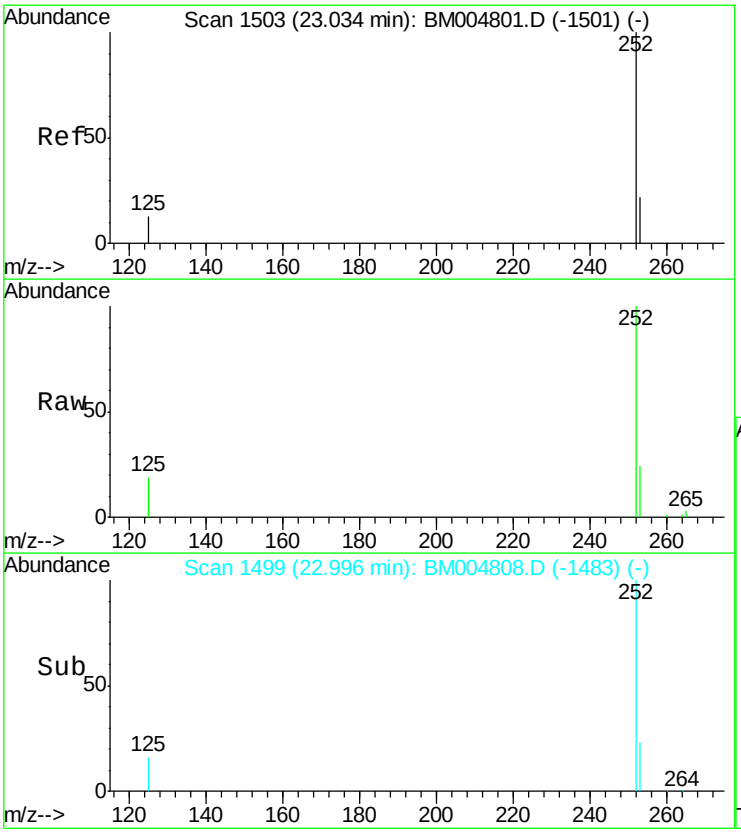
#23
Benzo(b)fluoranthene
Concen: 0.03 ng/ul
RT: 23.00 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Instrument :
BNA_M
ClientSampleId :
A4T46

Tgt Ion:252 Resp: 30775

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	45.4
125	18.8	0.0	28.8

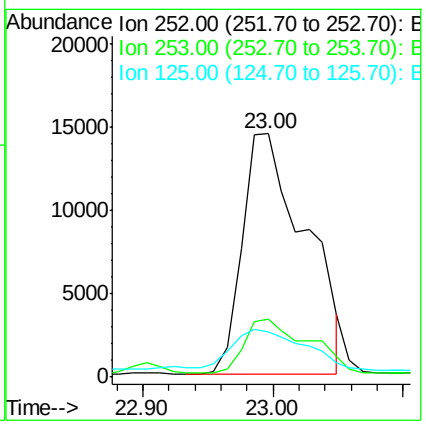


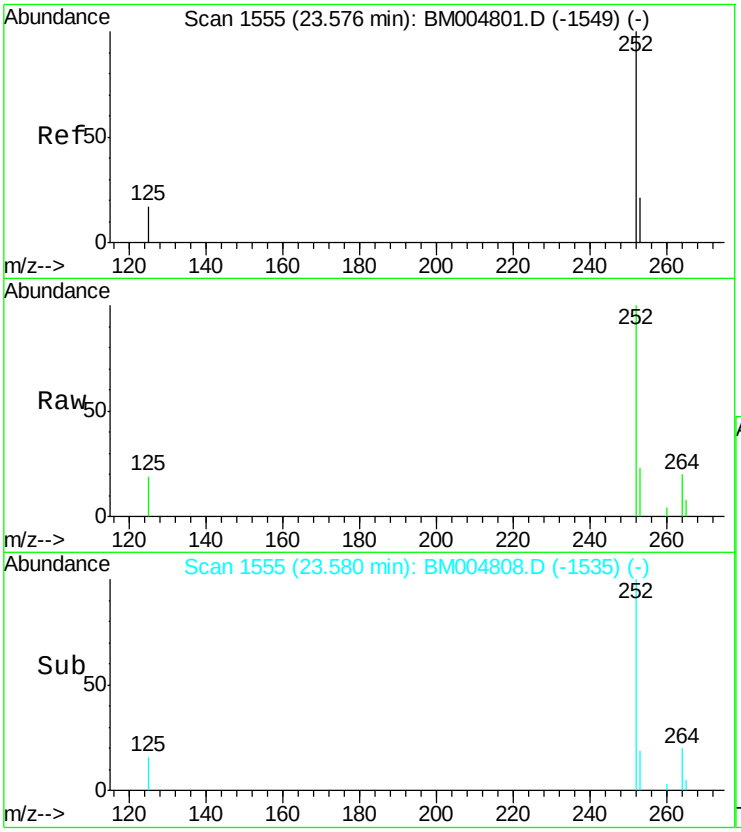


#24
Benzo(k)fluoranthene
Concen: 0.06 ng/ul
RT: 23.00 min Scan# 1499
Delta R.T. -0.04 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Tgt Ion:252 Resp: 48796

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.8	29.8
125	18.8	10.4	15.6#



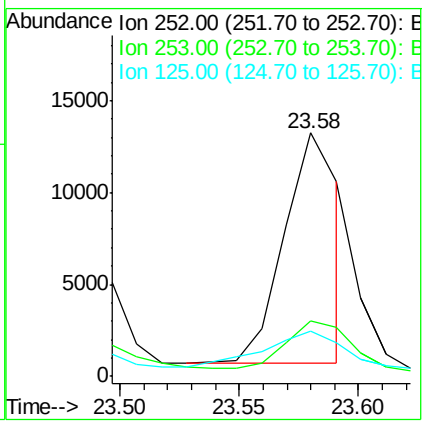


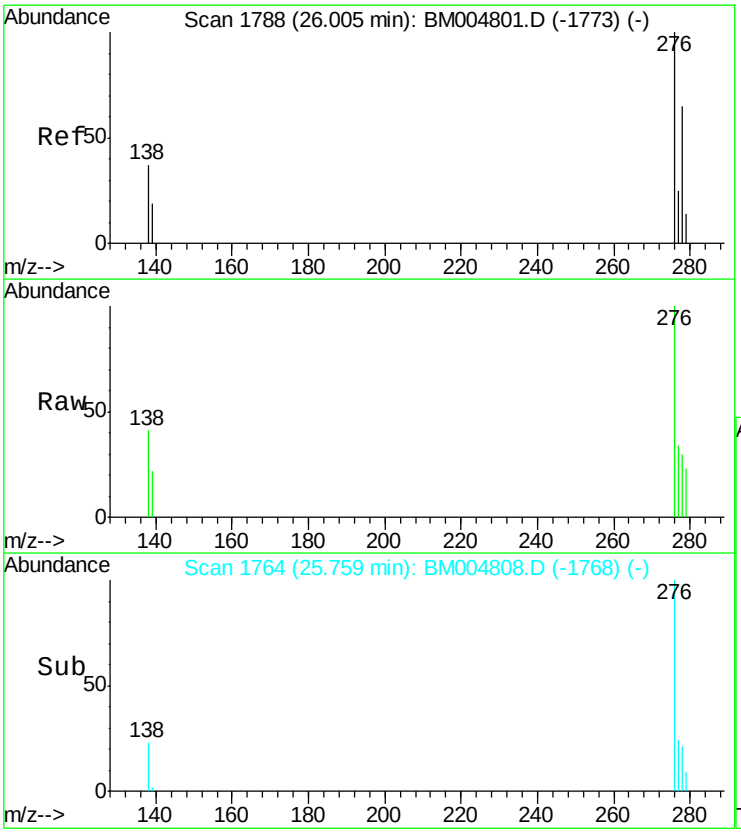
#25
Benzo(a)pyrene
Concen: 0.02 ng/ul
RT: 23.58 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Instrument :
BNA_M
ClientSampleId :
A4T46

Tgt Ion:252 Resp: 20098

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.2
125	18.7	12.7	19.1

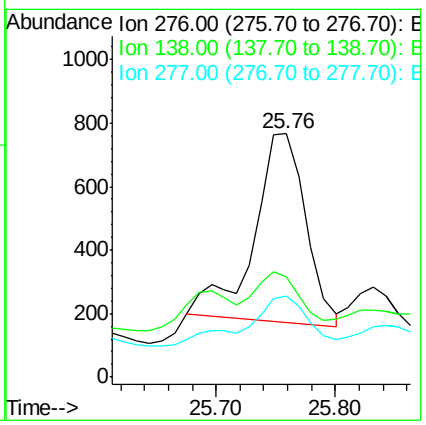


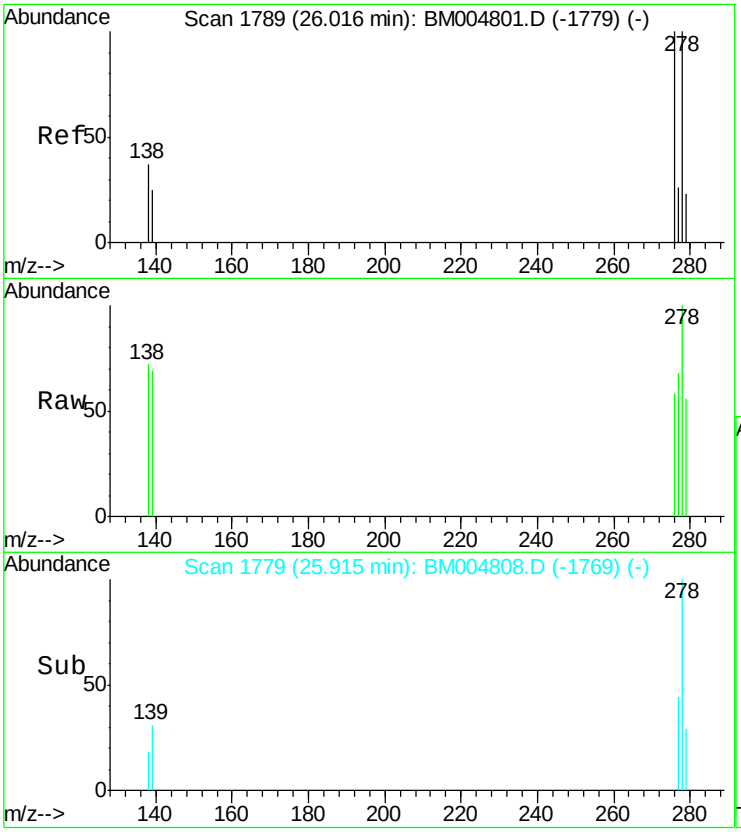


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.25 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Tgt Ion:276 Resp: 1793

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.3	24.5
277	22.6	19.8	29.8





#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.92 min Scan# 1779
Delta R.T. -0.10 min
Lab File: BM004808.D
Acq: 28 Mar 2016 15:56

Instrument :
BNA_M
ClientSampleId :
A4T46

Tgt Ion:278 Resp: 734

Ion	Ratio	Lower	Upper
278	100		
139	68.7	16.4	24.6#
279	56.1	20.2	30.2#