Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\
Data File : BM003207.D
Acq On : 20 Nov 2015 01:35
Operator : UM/IZ
Sample : G4323-27
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4J47

Quant Time: Nov 20 03:42:08 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 03:16:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	185	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	1273	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	2077	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	2028676	0.40	ng/ul	0.10
18) Chrysene-d12	21.45	240	167	0.40	ng/ul	0.11
22) Perylene-d12	23.65	264	5423	0.40	ng/ul	0.06
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	51559	260.86	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	13132	7.59	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	23282	0.00	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.58	128	33465	10.24	ng/ul	99
7) 2-Methylnaphthalene	12.19	142	8622	4.05	ng/ul#	100
9) Acenaphthylene	14.09	152	89242	10.32	ng/ul	99
10) Acenaphthene	14.45	153	7603	1.04	ng/ul	96
11) Fluorene	15.44	166	24690	3.13	ng/ul	95
13) Pentachlorophenol	16.78	266	1700	0.00	ng/ul#	15
14) Phenanthrene	17.26	178	96262	0.02	ng/ul	97
15) Anthracene	17.26	178	98469	0.02	ng/ul	100
17) Fluoranthene	19.35	202	68740	0.01	ng/ul	90
19) Pyrene	19.55	202	967573	1689.92	ng/ul	99
20) Benzo(a)anthracene	21.48	228	39585	81.74	ng/ul#	58
21) Chrysene	21.35	228	499293	915.59	ng/ul	93
23) Benzo(b)fluoranthene	22.90	252	897370	43.52	ng/ul	99
24) Benzo(k)fluoranthene	22.90	252	897370	46.01	ng/ul	95
25) Benzo(a)pyrene	23.48	252	447525	24.40	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.86	276	328406	15.02	ng/ul#	100
27) Dibenzo(a,h)anthracene	25.97	278	24677	1.40	ng/ul#	73
28) Benzo(g,h,i)perylene	26.56	276	271770	14.16	ng/ul	99

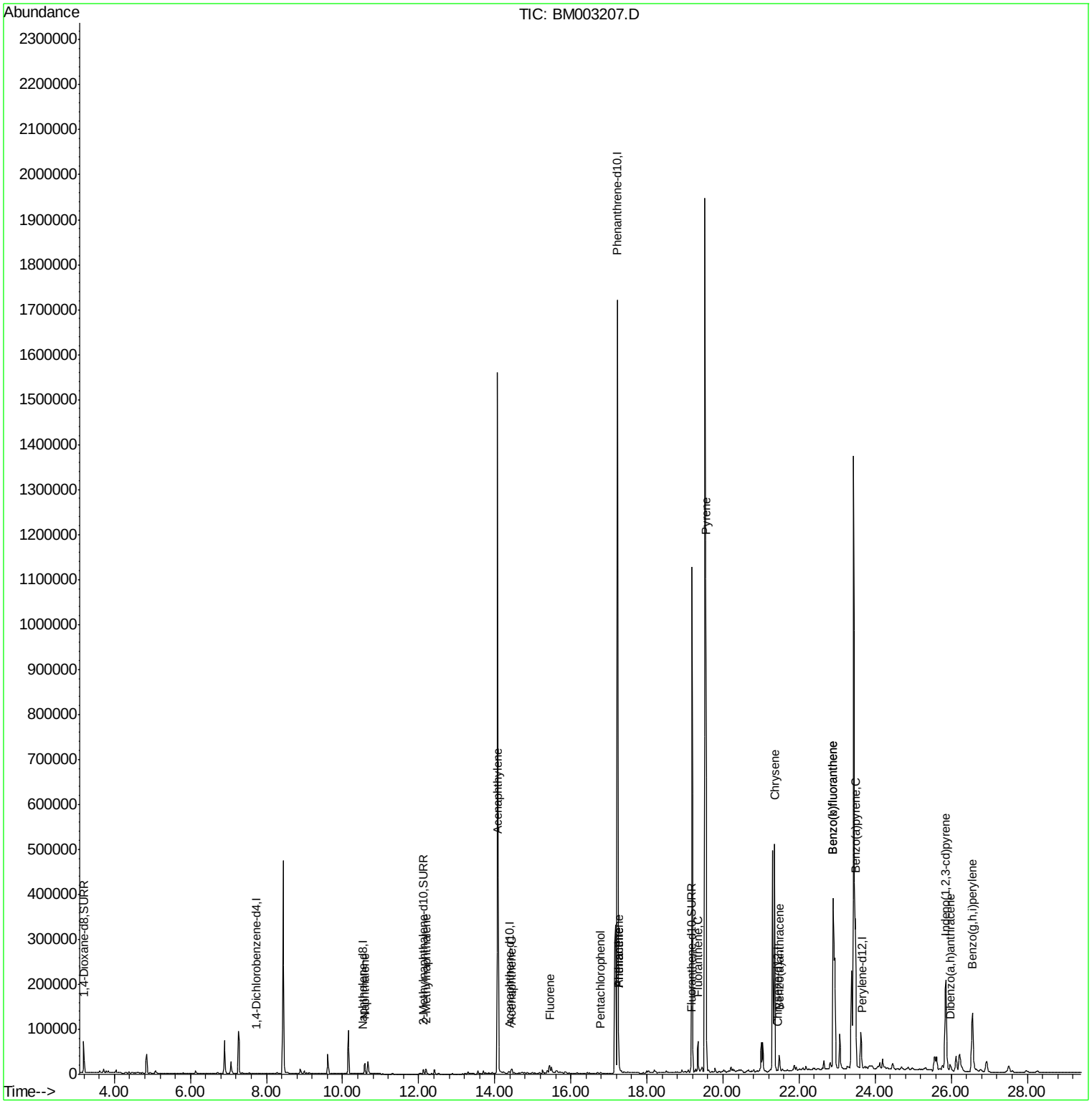
(#) = qualifier out of range (m) = manual integration (+) = signals summed

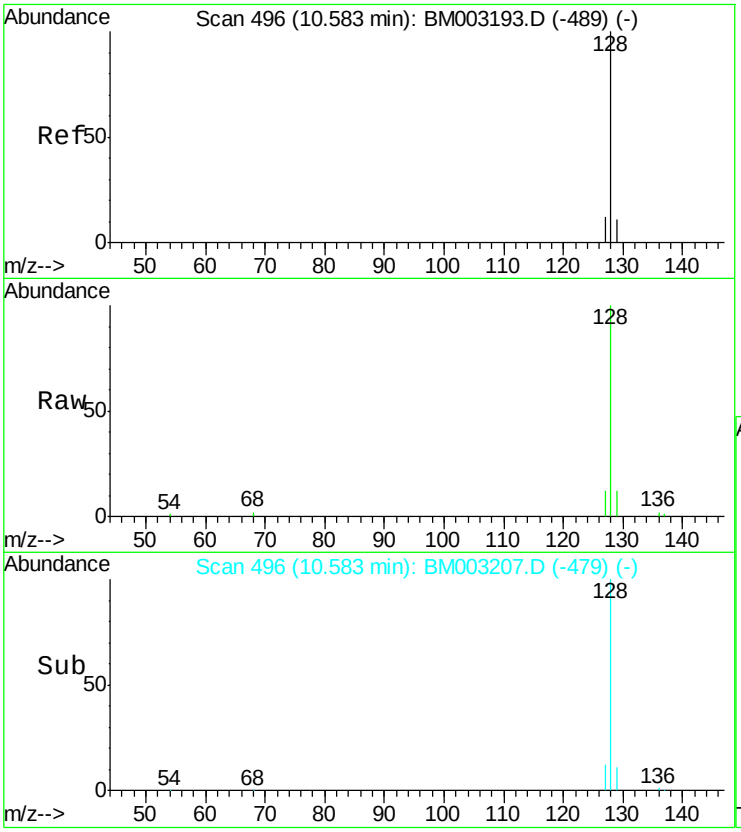
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\
Data File : BM003207.D
Acq On : 20 Nov 2015 01:35
Operator : UM/IZ
Sample : G4323-27
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4J47

Quant Time: Nov 20 03:42:08 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 03:16:26 2015
Response via : Initial Calibration



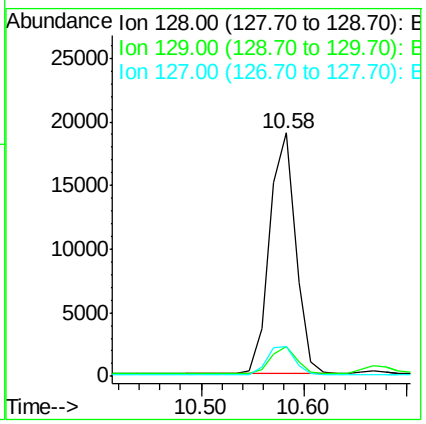


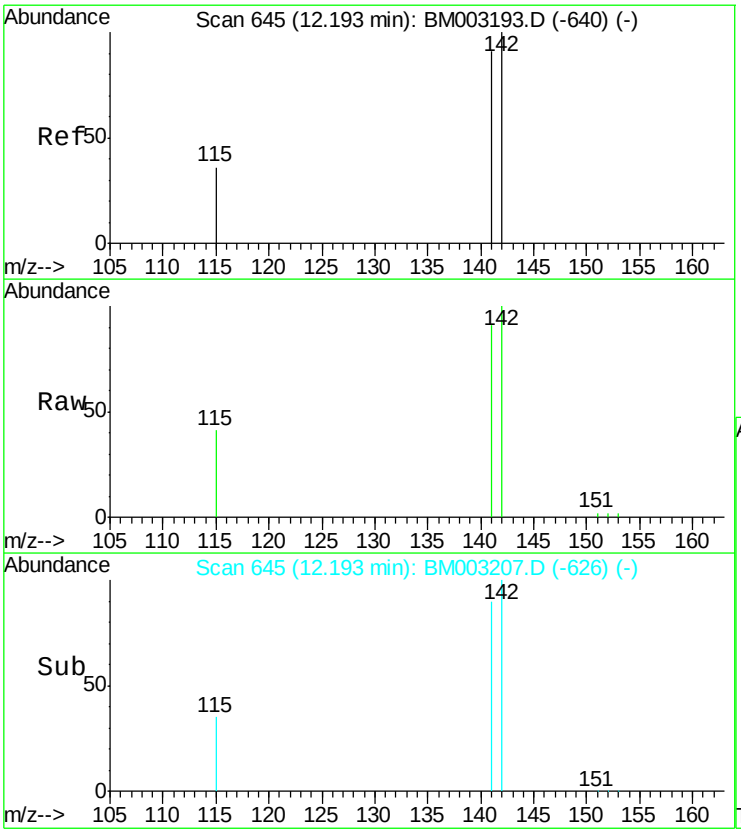
#5
Naphthalene
Concen: 10.24 ng/ul
RT: 10.58 min Scan# 496
Delta R.T. 0.00 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Instrument :
BNA_M
ClientSampleId :
A4J47

Tgt Ion:128 Resp: 33465

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.6
127	12.3	9.6	14.4

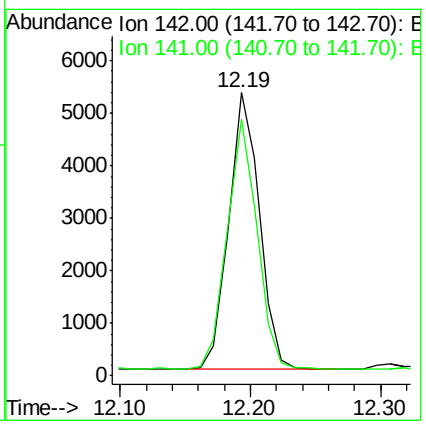


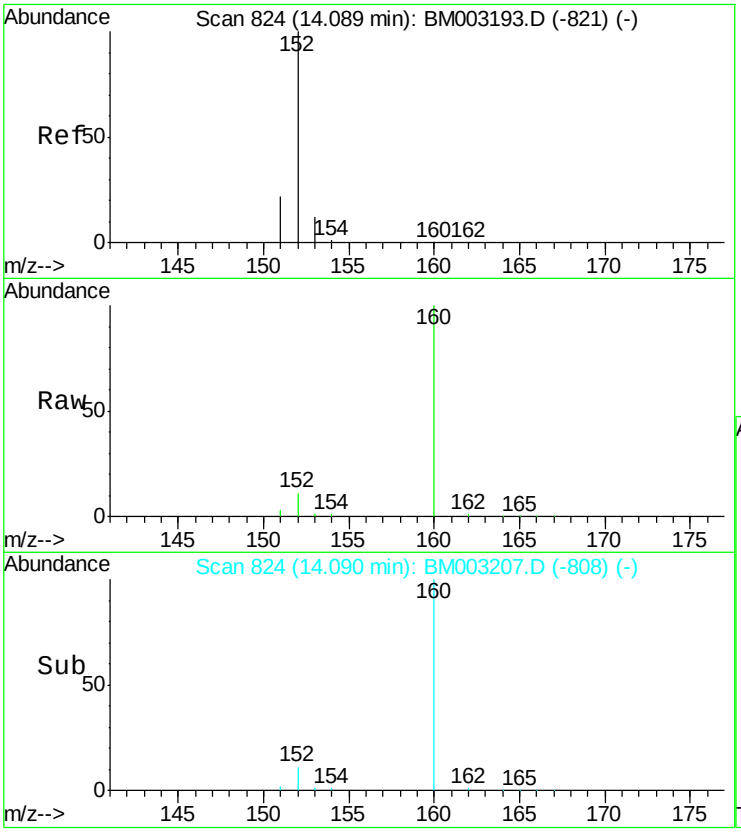


#7
2-Methylnaphthalene
Concen: 4.05 ng/ul
RT: 12.19 min Scan# 645
Delta R.T. 0.00 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Tgt Ion:142 Resp: 8622

Ion	Ratio	Lower	Upper
142	100		
141	87.6	0.0	0.0#



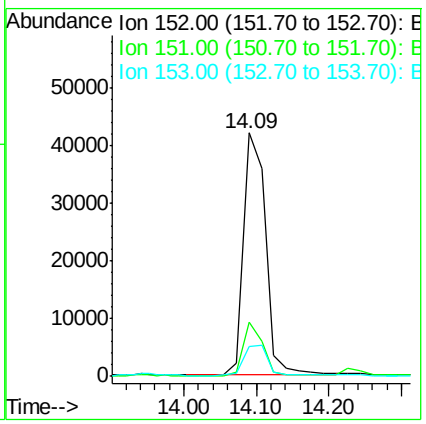


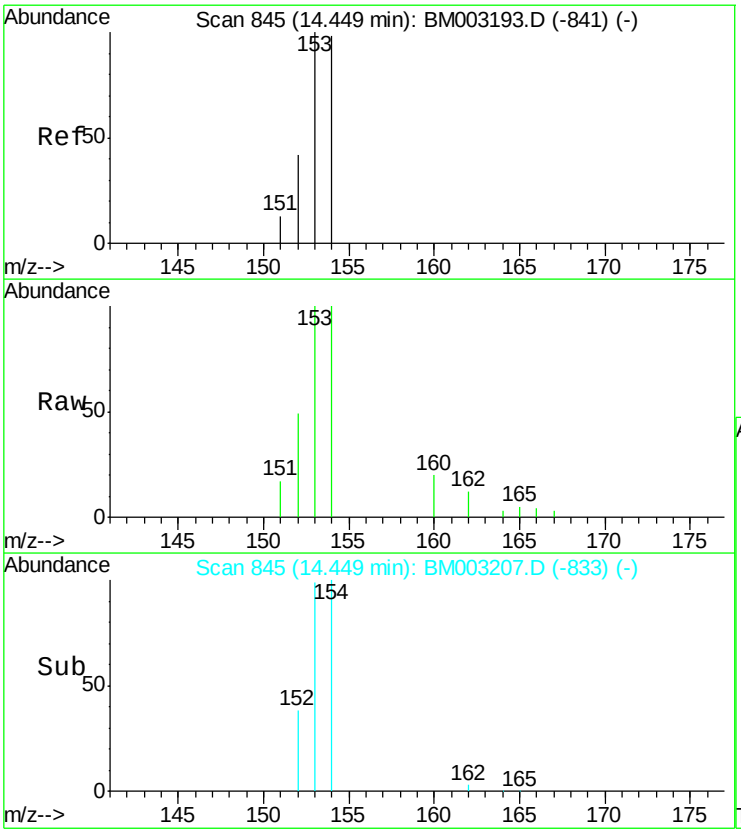
#9
Acenaphthylene
Concen: 10.32 ng/ul
RT: 14.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Instrument :
BNA_M
ClientSampleId :
A4J47

Tgt Ion:152 Resp: 89242

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.6	26.4
153	12.3	9.7	14.5

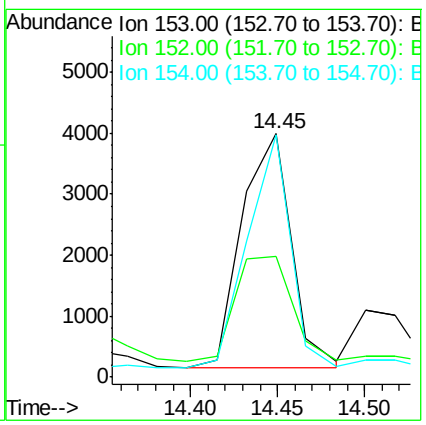


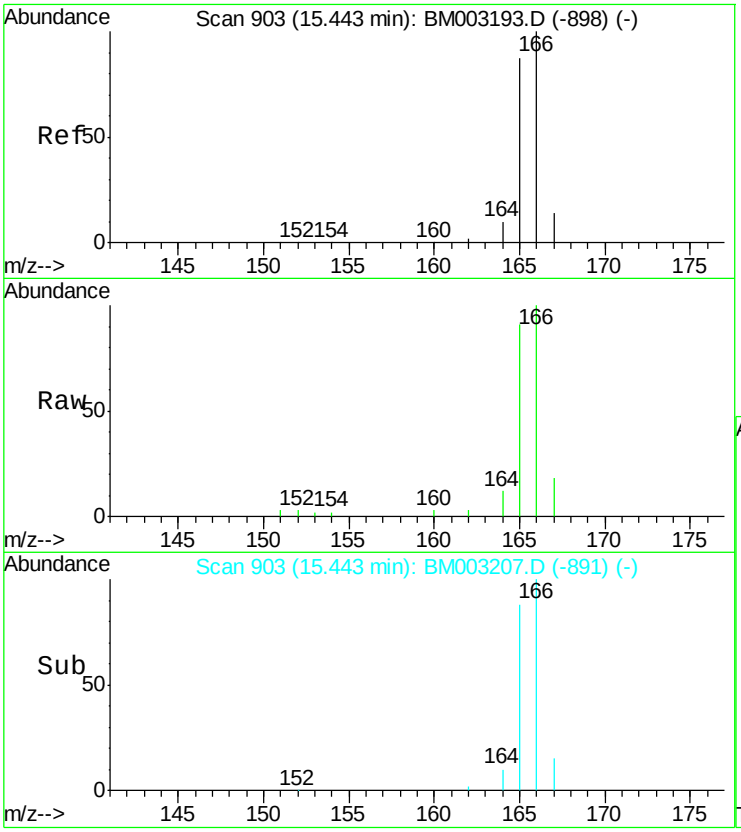


#10
Acenaphthene
Concen: 1.04 ng/ul
RT: 14.45 min Scan# 845
Delta R.T. 0.00 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Tgt Ion:153 Resp: 7603

Ion	Ratio	Lower	Upper
153	100		
152	49.5	33.9	50.9
154	99.6	80.6	121.0



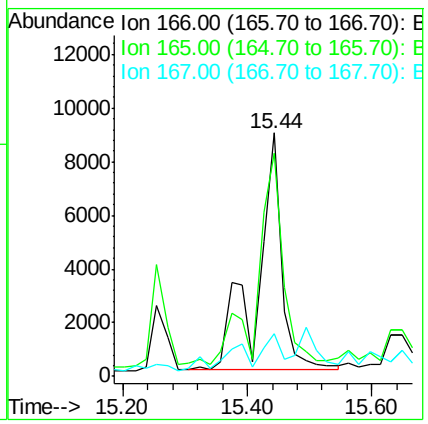


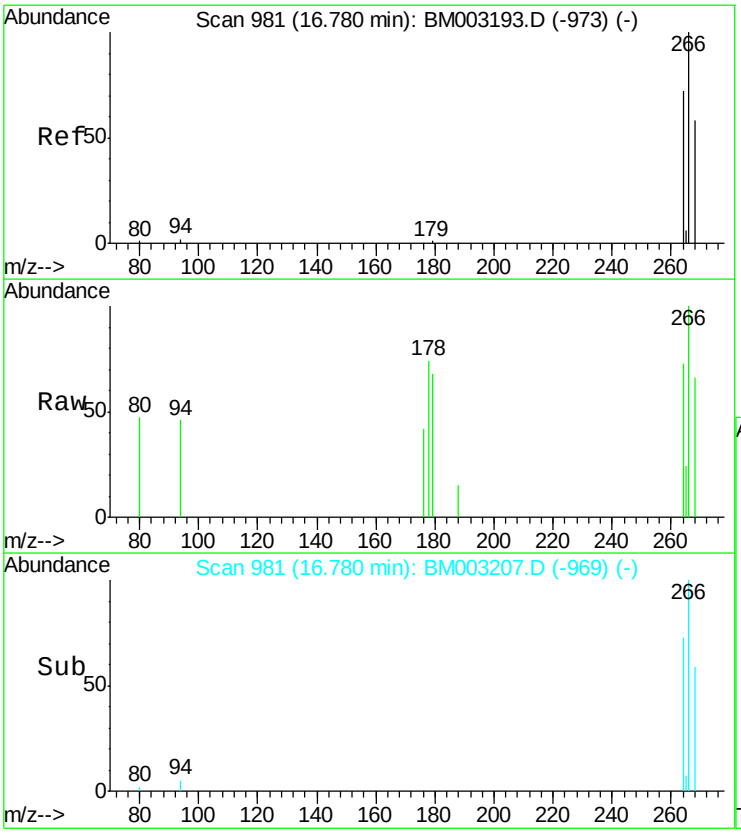
#11
Fluorene
Concen: 3.13 ng/ul
RT: 15.44 min Scan# 903
Delta R.T. 0.00 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Instrument :
BNA_M
ClientSampleId :
A4J47

Tgt Ion:166 Resp: 24690

Ion	Ratio	Lower	Upper
166	100		
165	91.4	69.6	104.4
167	17.7	11.9	17.9

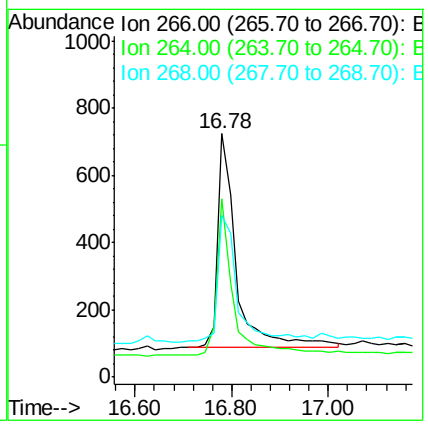


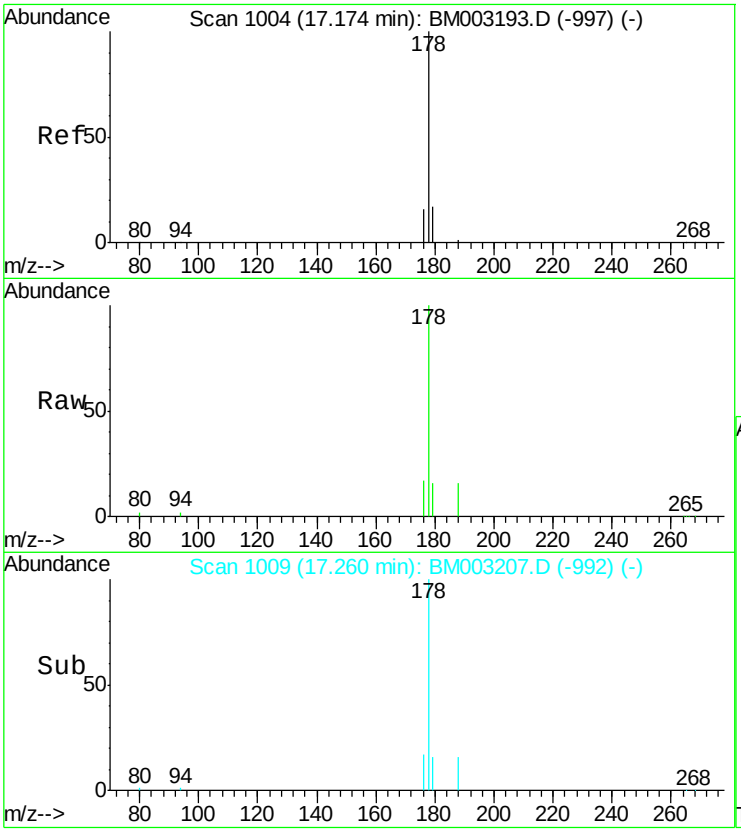


#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Tgt Ion:266 Resp: 1700

Ion	Ratio	Lower	Upper
266	100		
264	64.1	0.3	0.5#
268	62.4	0.0	0.0#



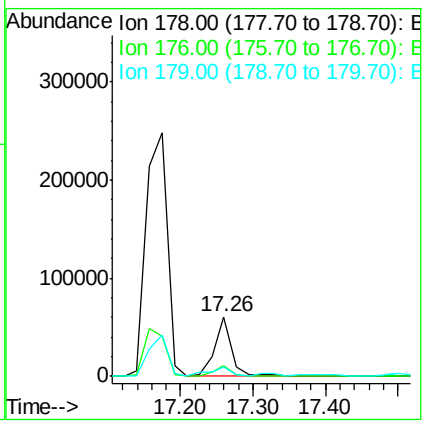


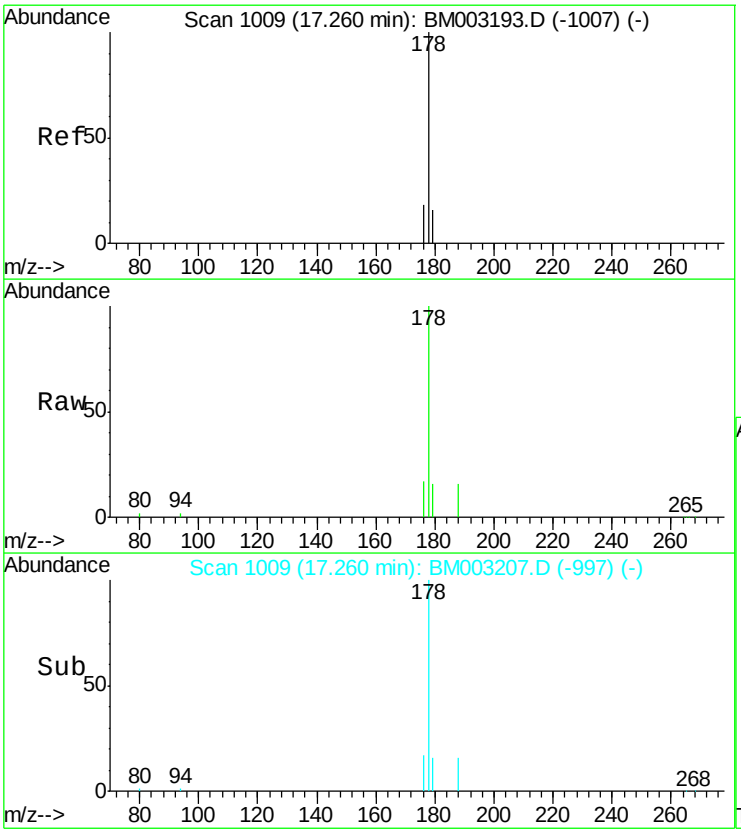
#14
Phenanthrene
Concen: 0.02 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. 0.09 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Instrument :
BNA_M
ClientSampleId :
A4J47

Tgt Ion:178 Resp: 96262

Ion	Ratio	Lower	Upper
178	100		
176	17.4	13.0	19.4
179	16.3	14.2	21.2

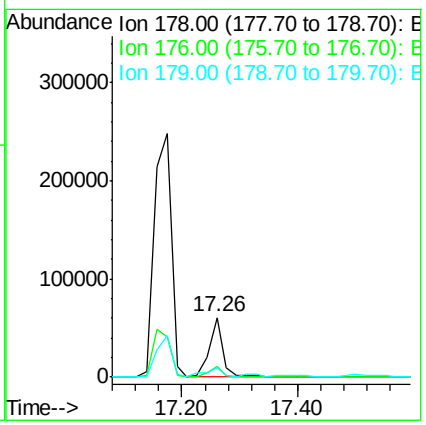


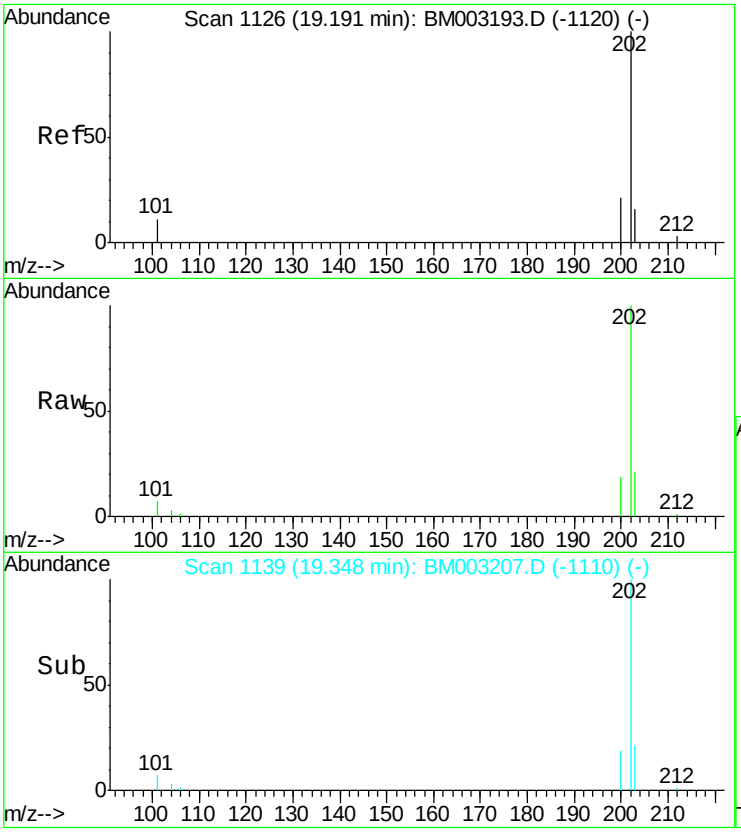


#15
Anthracene
Concen: 0.02 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Tgt Ion:178 Resp: 98469

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.0	21.0
179	16.3	12.9	19.3



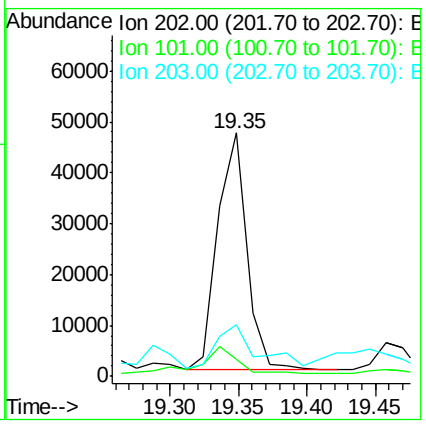


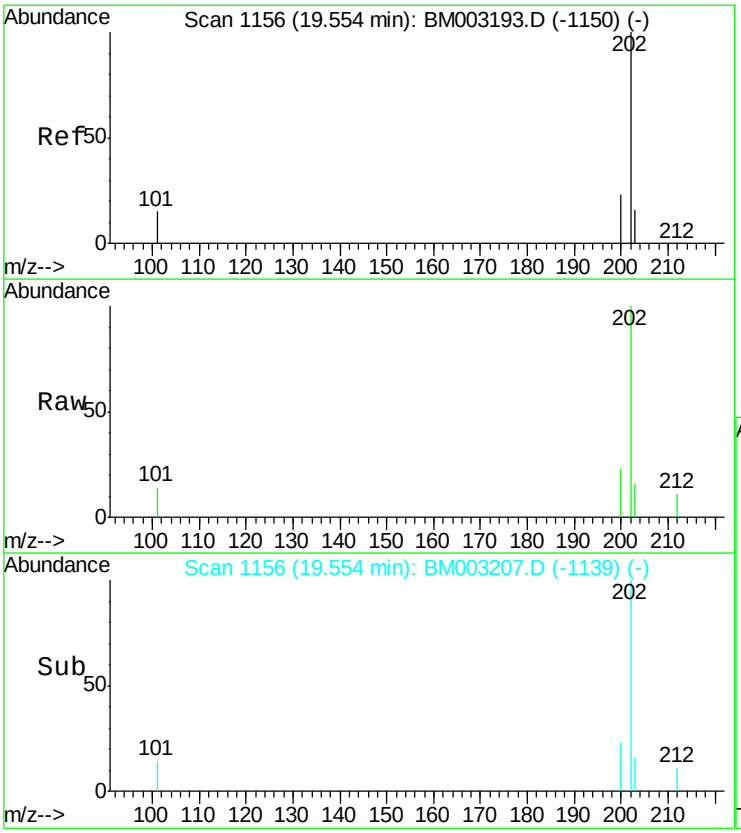
#17
Fluoranthene
Concen: 0.01 ng/ul
RT: 19.35 min Scan# 1139
Delta R.T. 0.16 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Instrument :
BNA_M
ClientSampleId :
A4J47

Tgt Ion:202 Resp: 68740

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	29.6
203	21.4	0.0	36.3

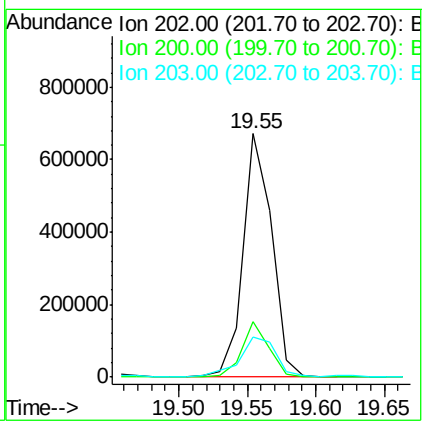


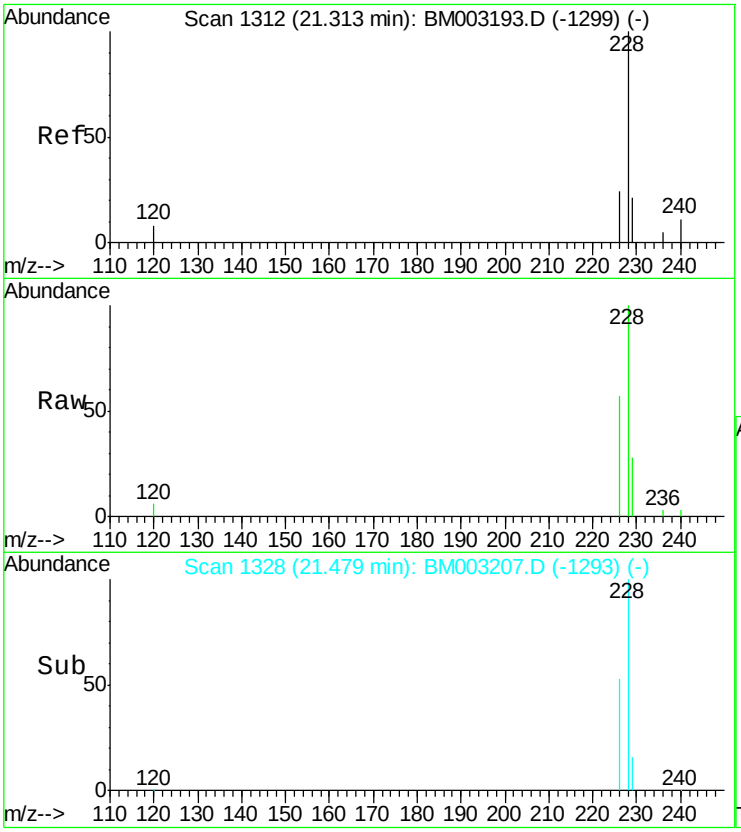


#19
Pyrene
Concen: 1689.92 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Tgt Ion:202 Resp: 967573

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.8	26.8
203	16.3	12.8	19.2



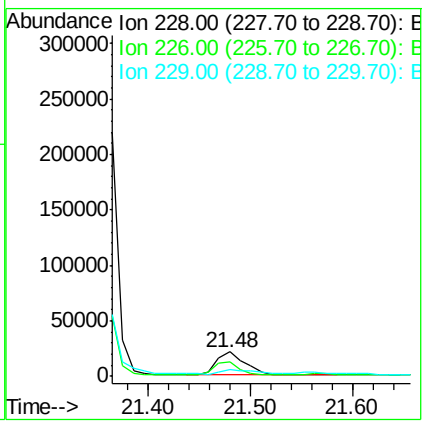


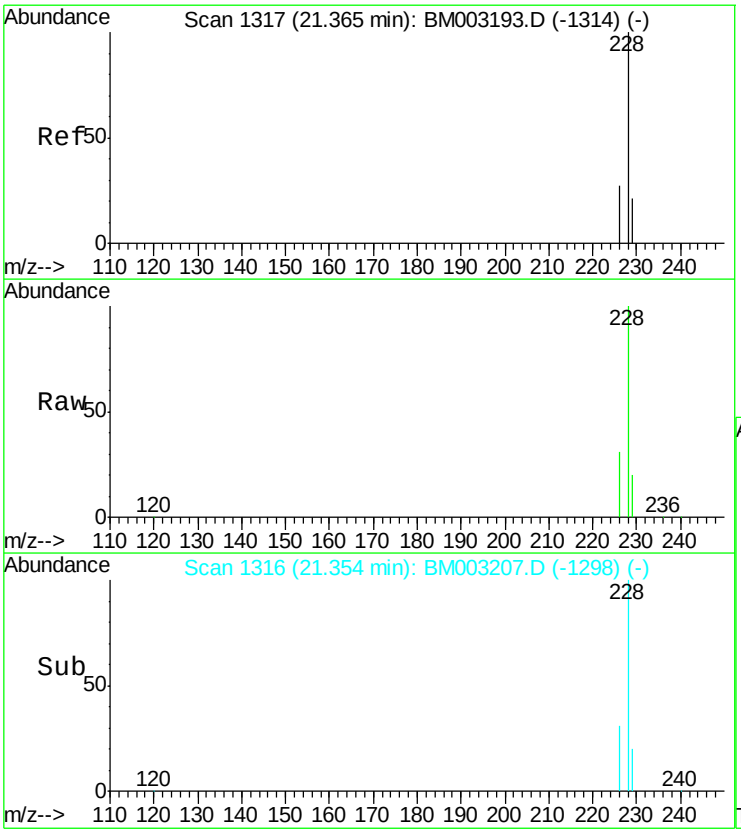
#20
Benzo(a)anthracene
Concen: 81.74 ng/ul
RT: 21.48 min Scan# 1328
Delta R.T. 0.17 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Instrument :
BNA_M
ClientSampleId :
A4J47

Tgt Ion:228 Resp: 39585

Ion	Ratio	Lower	Upper
228	100		
226	57.0	18.8	28.2#
229	27.9	17.1	25.7#

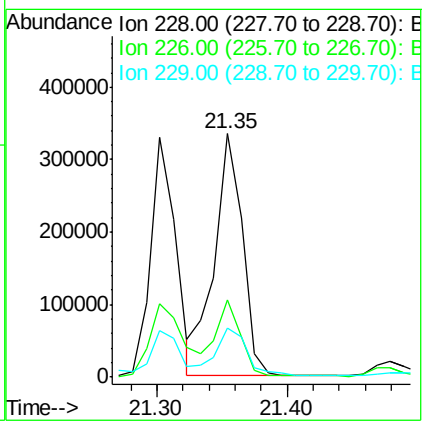


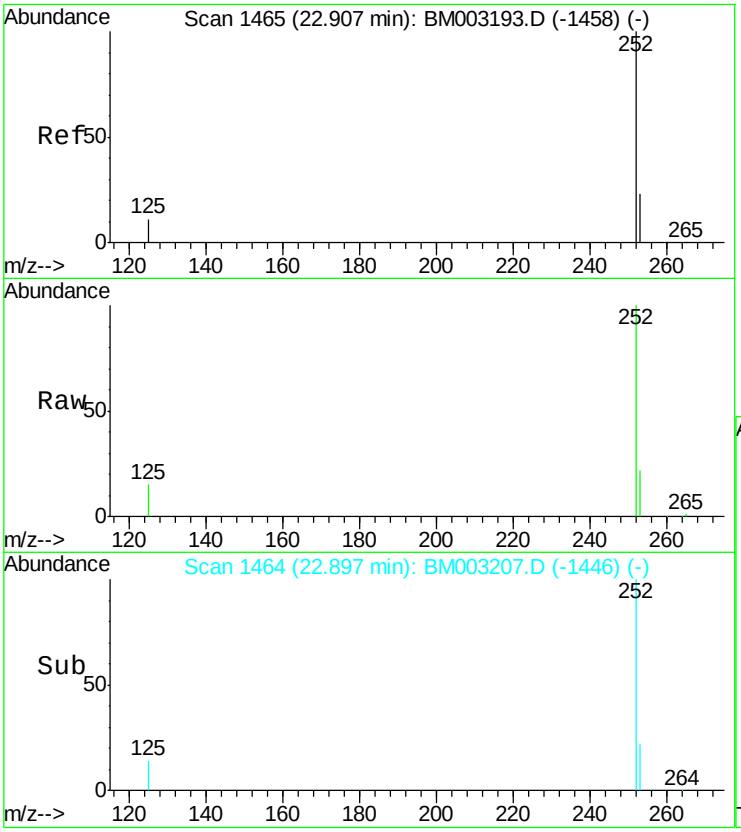


#21
Chrysene
Concen: 915.59 ng/ul
RT: 21.35 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Tgt Ion:228 Resp: 499293

Ion	Ratio	Lower	Upper
228	100		
226	31.5	21.2	31.8
229	20.0	17.0	25.6



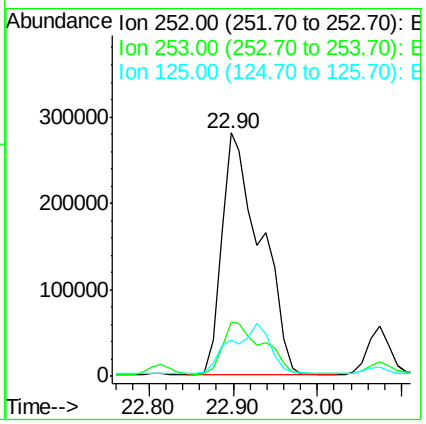


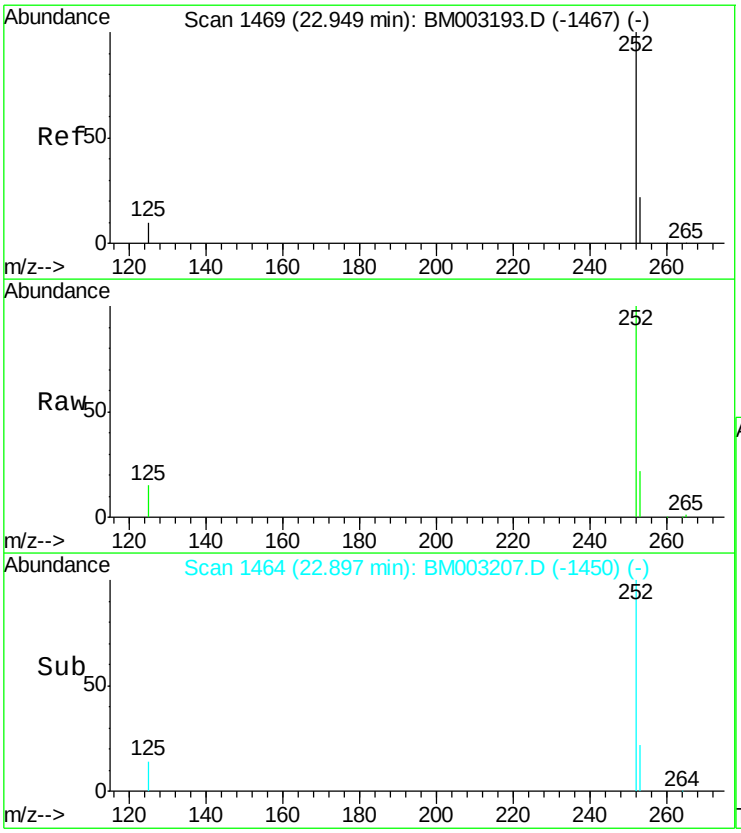
#23
Benzo(b)fluoranthene
Concen: 43.52 ng/ul
RT: 22.90 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Instrument :
BNA_M
ClientSampleId :
A4J47

Tgt Ion:252 Resp: 897370

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	45.4
125	15.0	0.0	28.8

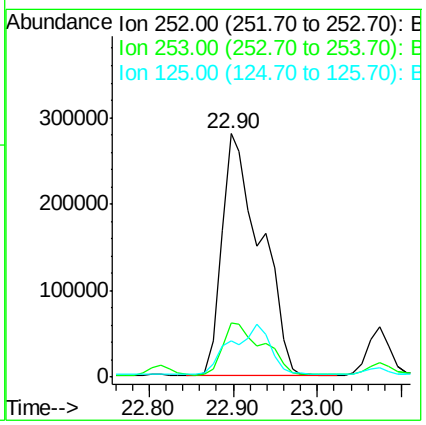


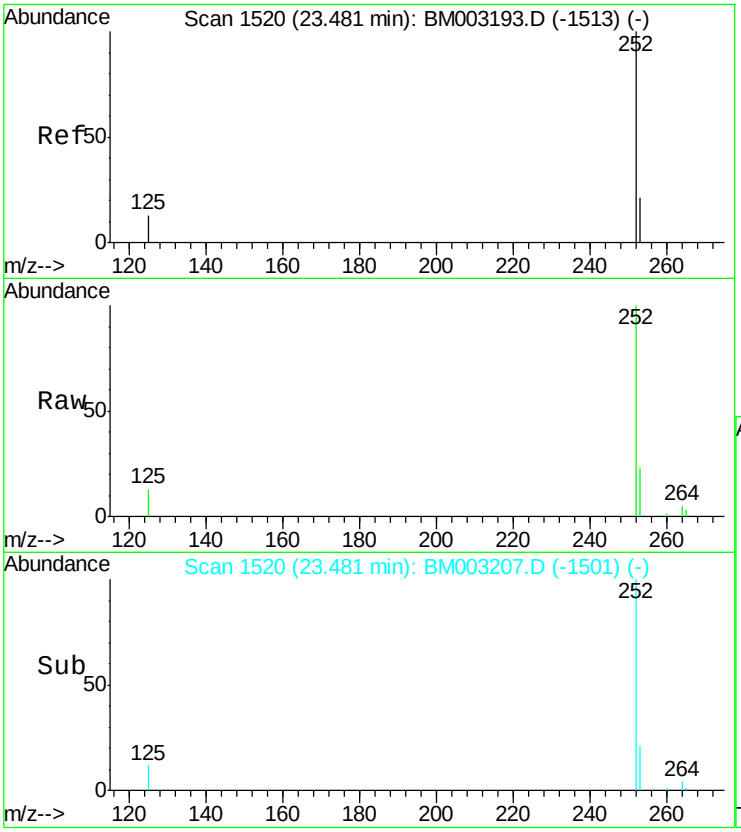


#24
Benzo(k)fluoranthene
Concen: 46.01 ng/ul
RT: 22.90 min Scan# 1464
Delta R.T. -0.05 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Tgt Ion:252 Resp: 897370

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.8	29.8
125	15.0	10.4	15.6



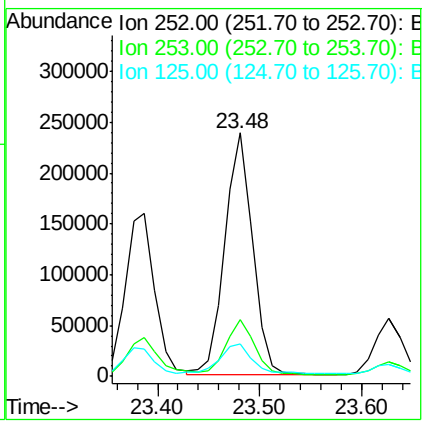


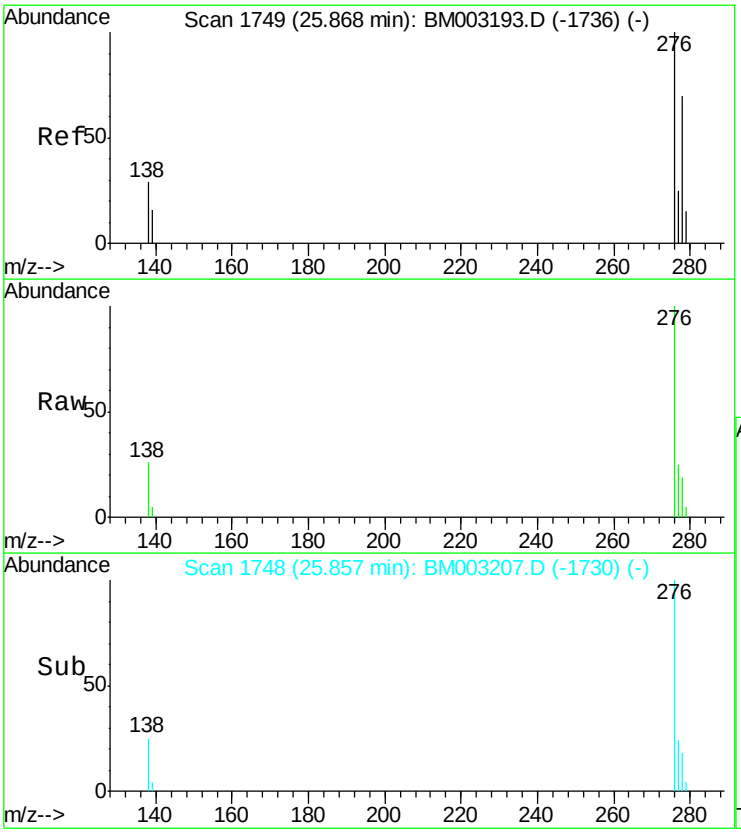
#25
Benzo(a)pyrene
Concen: 24.40 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Instrument :
BNA_M
ClientSampleId :
A4J47

Tgt Ion:252 Resp: 447525

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.4	29.2
125	13.1	12.7	19.1

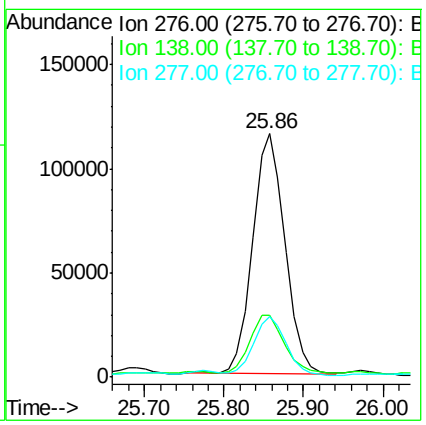


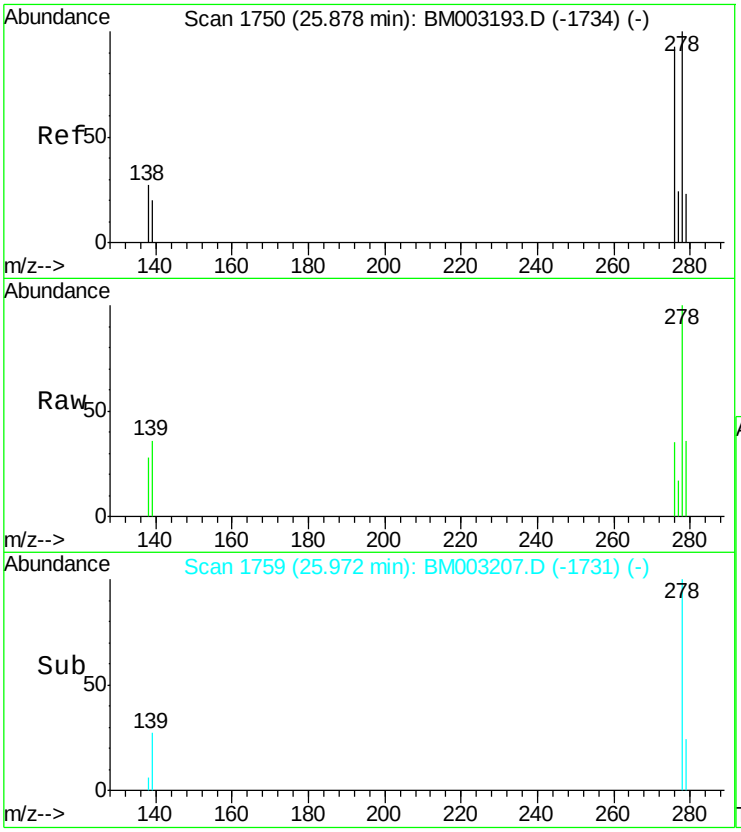


#26
Indeno(1,2,3-cd)pyrene
Concen: 15.02 ng/ul
RT: 25.86 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Tgt Ion:276 Resp: 328406

Ion	Ratio	Lower	Upper
276	100		
138	25.8	0.0	0.0#
277	24.0	0.0	0.0#



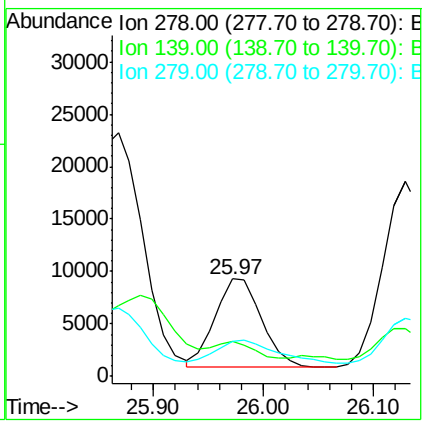


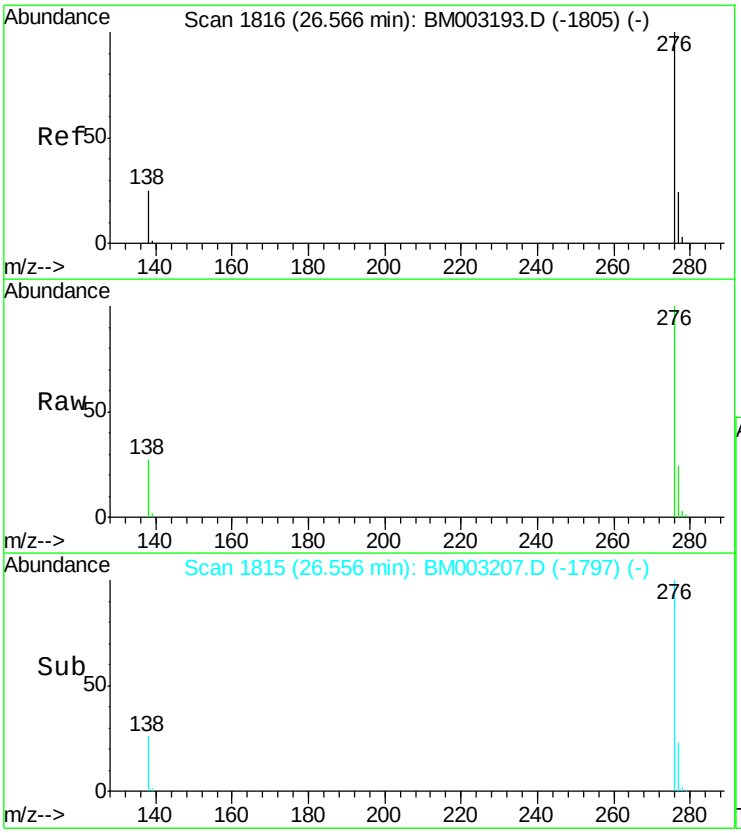
#27
Dibenzo(a,h)anthracene
Concen: 1.40 ng/ul
RT: 25.97 min Scan# 1759
Delta R.T. 0.09 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Instrument :
BNA_M
ClientSampleId :
A4J47

Tgt Ion:278 Resp: 24677

Ion	Ratio	Lower	Upper
278	100		
139	36.1	16.4	24.6#
279	35.8	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 14.16 ng/ul
RT: 26.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BM003207.D
Acq: 20 Nov 2015 01:35

Tgt Ion:276 Resp: 271770

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	27.2	22.5	33.7