Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
Data File : BM003838.D
Acq On : 28 Dec 2015 20:58
Operator : SJ/UM
Sample : G4849-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9N66

Quant Time: Dec 29 07:14:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 29 07:09:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3757	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	16415	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	10131	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.18	188	1597912	0.40	ng/ul	0.10
18) Chrysene-d12	21.28	240	18391	0.40	ng/ul	0.00
22) Perylene-d12	23.38	264	1221495	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	22801	14.20	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.06	152	8915	0.45	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	21668	0.01	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.51	128	190514	5.15	ng/ul	97
7) 2-Methylnaphthalene	12.13	142	56455	2.27	ng/ul	99
9) Acenaphthylene	14.04	152	8331	0.22	ng/ul#	96
10) Acenaphthene	14.38	153	116518	3.74	ng/ul#	80
11) Fluorene	15.39	166	127489	3.69	ng/ul	96
13) Pentachlorophenol	16.75	266	46	0.00	ng/ul#	78
14) Phenanthrene	17.21	178	45779	0.01	ng/ul	97
15) Anthracene	17.21	178	45916	0.01	ng/ul	99
17) Fluoranthene	19.14	202	278842	0.06	ng/ul	99
19) Pyrene	19.51	202	190373	3.83	ng/ul	99
20) Benzo(a)anthracene	21.26	228	32721	0.73	ng/ul#	92
21) Chrysene	21.26	228	32721	0.64	ng/ul	96
23) Benzo(b)fluoranthene	22.85	252	9761	0.00	ng/ul	89
24) Benzo(k)fluoranthene	22.85	252	16870	0.00	ng/ul#	91
25) Benzo(a)pyrene	23.24	252	172	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.54	276	1370	0.00	ng/ul#	38
27) Dibenzo(a,h)anthracene	25.68	278	1382	0.00	ng/ul#	1

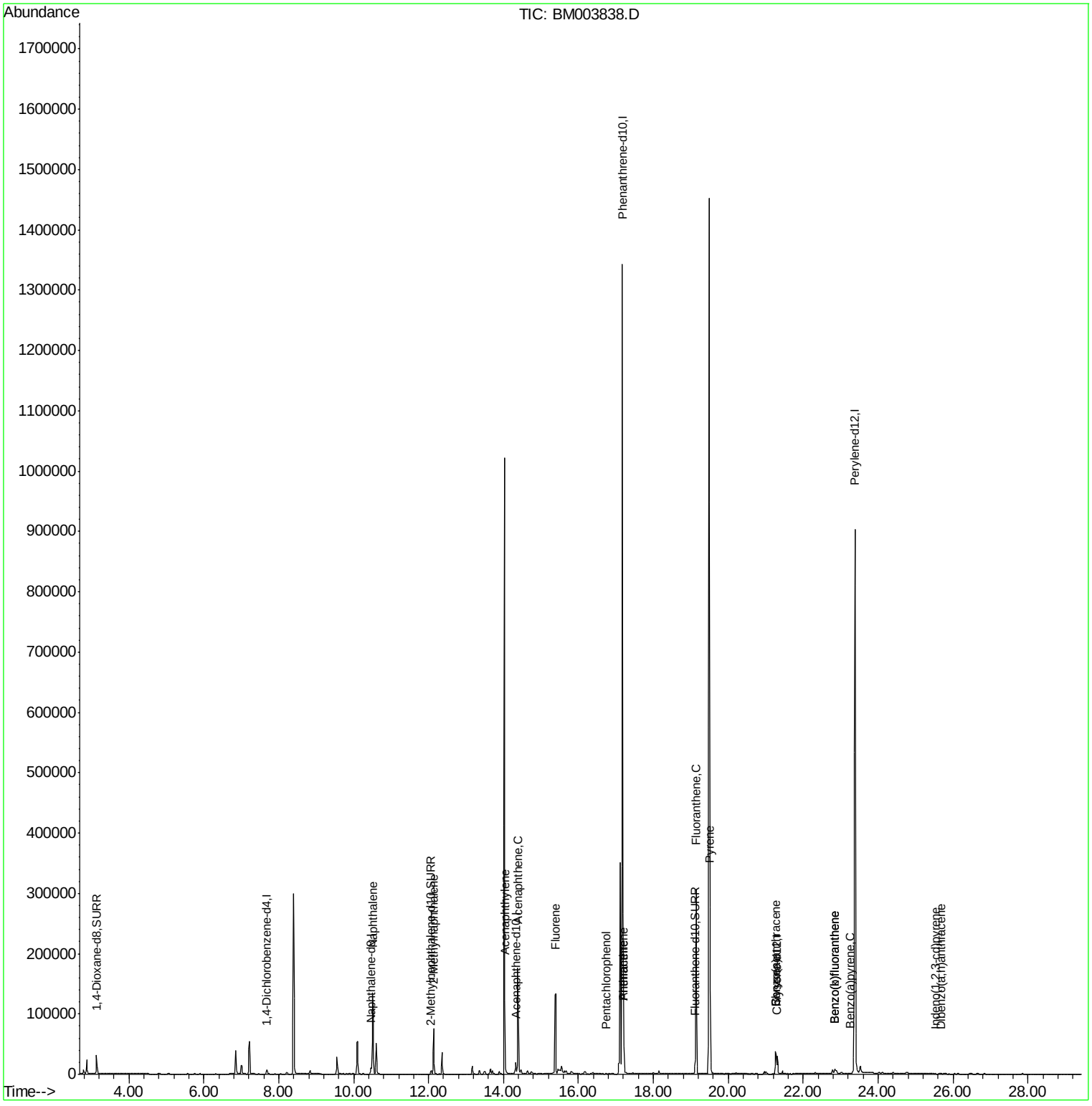
(#) = qualifier out of range (m) = manual integration (+) = signals summed

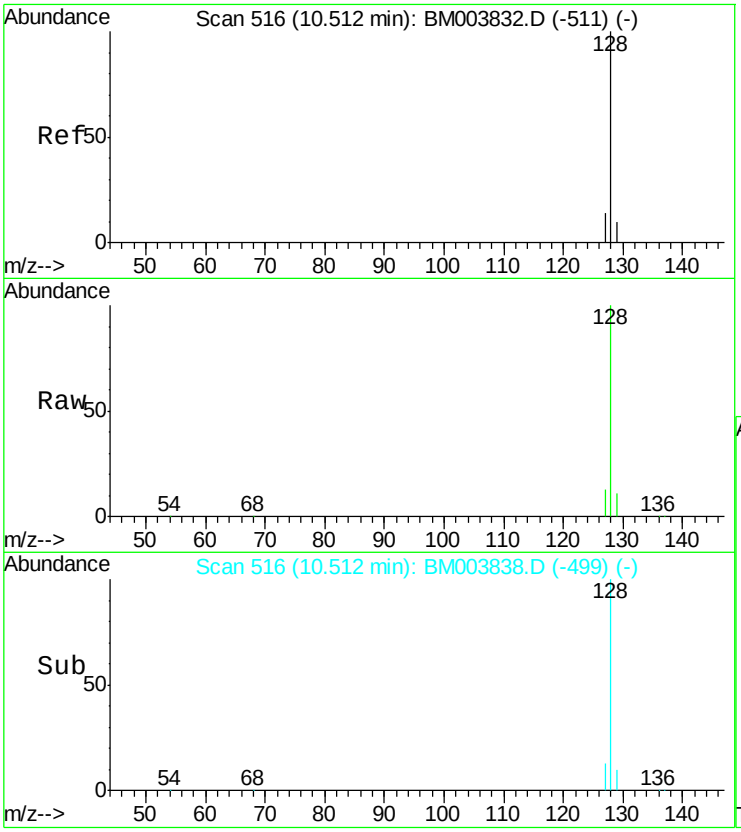
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
Data File : BM003838.D
Acq On : 28 Dec 2015 20:58
Operator : SJ/UM
Sample : G4849-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9N66

Quant Time: Dec 29 07:14:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 29 07:09:39 2015
Response via : Initial Calibration



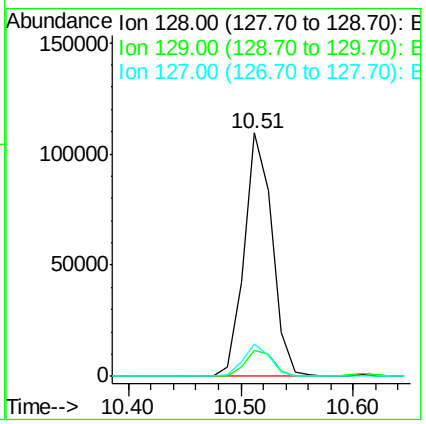


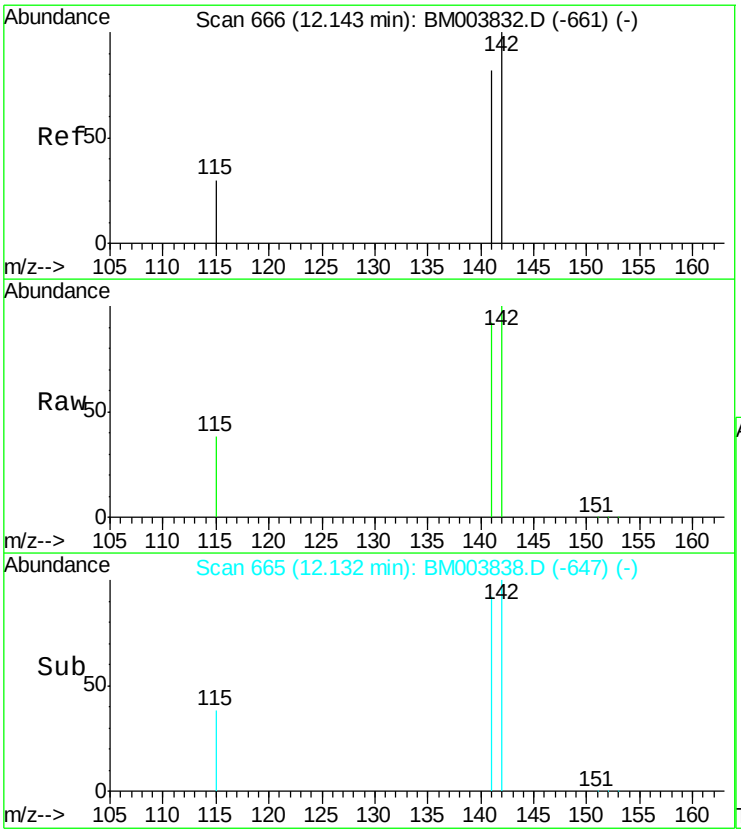
#5
Naphthalene
Concen: 5.15 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. 0.00 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Instrument :
BNA_M
ClientSampleId :
D9N66

Tgt Ion:128 Resp: 190514

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	13.3	9.6	14.4

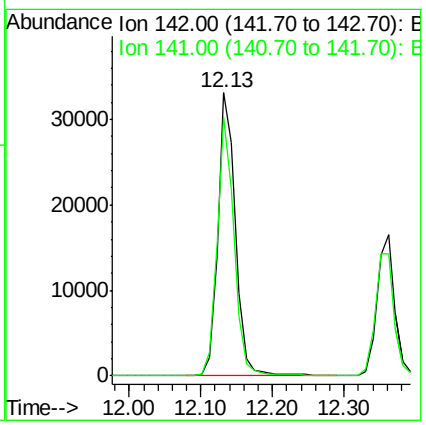


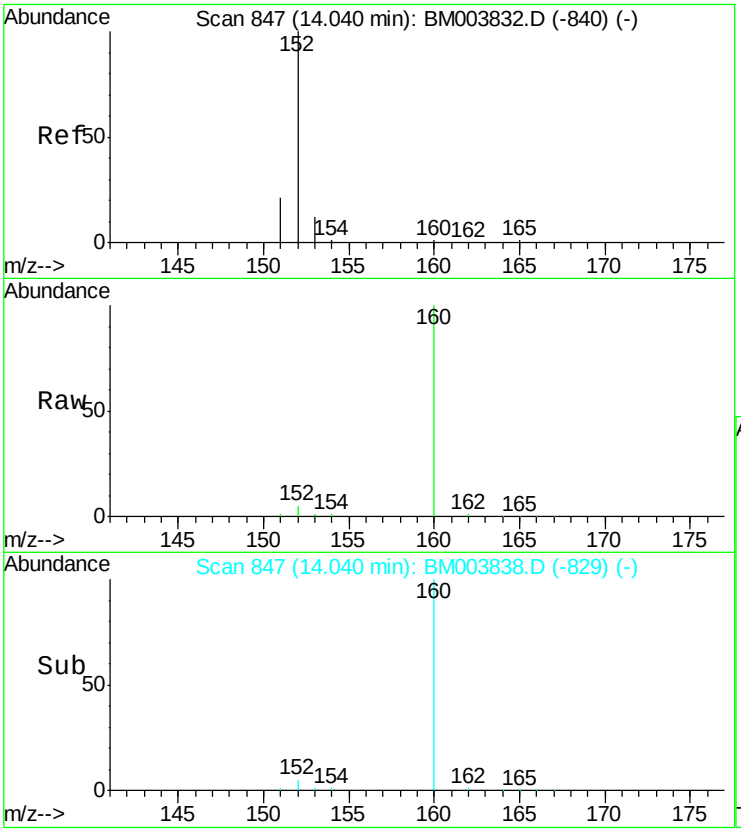


#7
2-Methylnaphthalene
Concen: 2.27 ng/ul
RT: 12.13 min Scan# 665
Delta R.T. -0.01 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Tgt Ion:142 Resp: 56455

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5



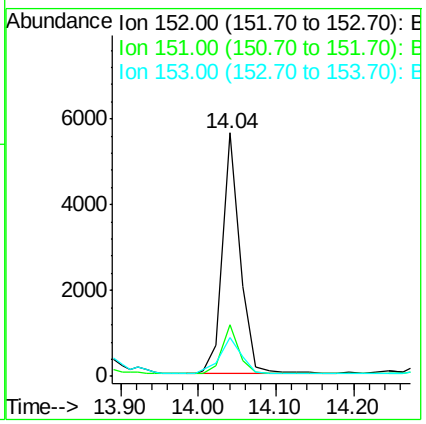


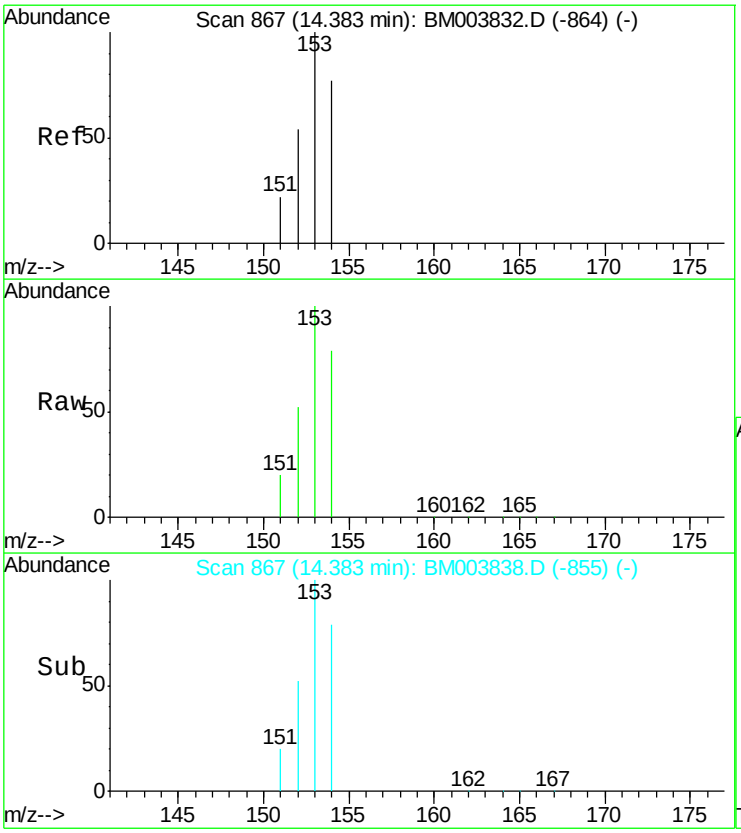
#9
Acenaphthylene
Concen: 0.22 ng/ul
RT: 14.04 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Instrument :
BNA_M
ClientSampleId :
D9N66

Tgt Ion:152 Resp: 8331

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.6	26.4
153	15.9	9.7	14.5#

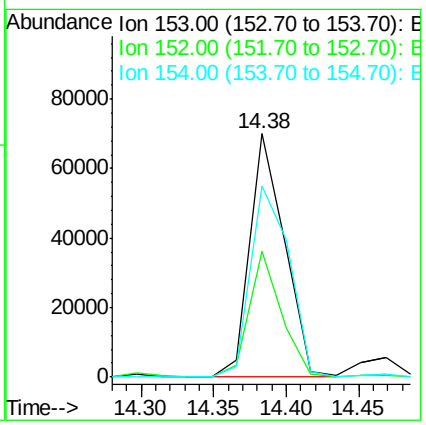


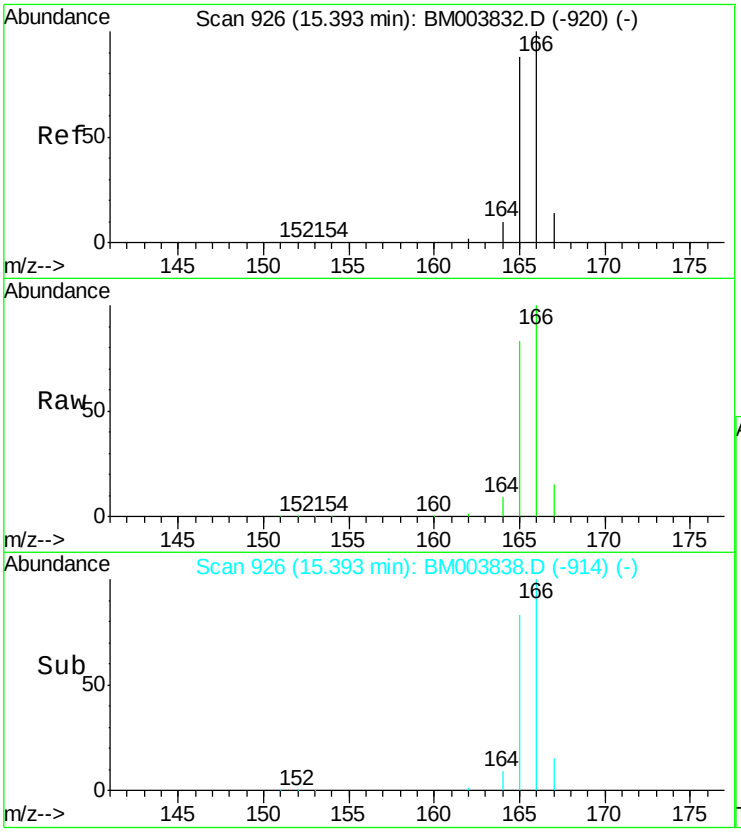


#10
Acenaphthene
Concen: 3.74 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Tgt Ion:153 Resp: 116518

Ion	Ratio	Lower	Upper
153	100		
152	51.6	33.9	50.9#
154	78.7	80.6	121.0#



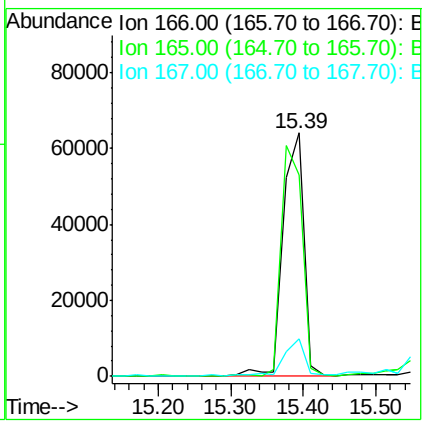


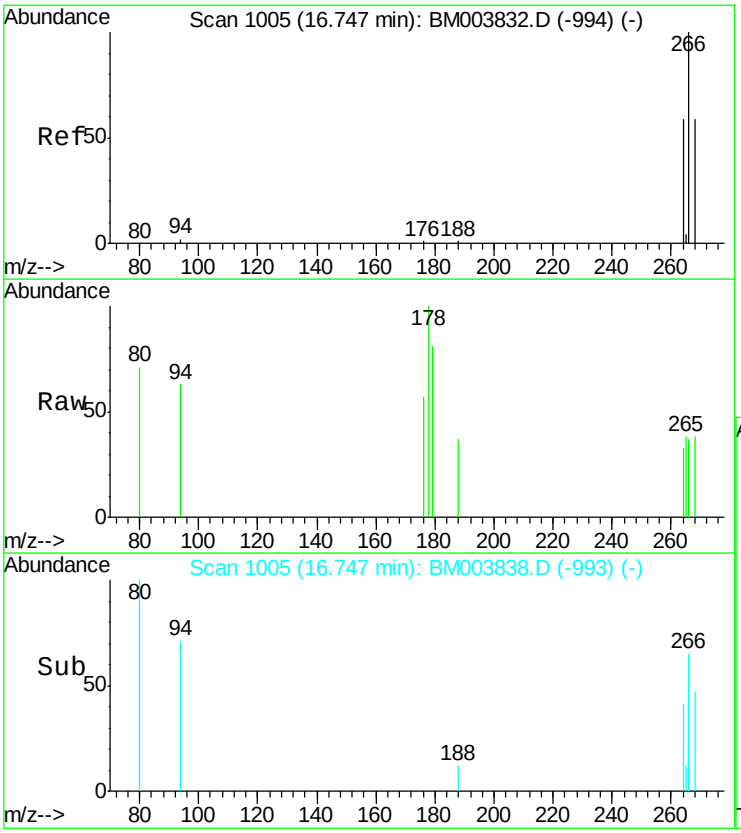
#11
Fluorene
Concen: 3.69 ng/ul
RT: 15.39 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Instrument :
BNA_M
ClientSampleId :
D9N66

Tgt Ion:166 Resp: 127489

Ion	Ratio	Lower	Upper
166	100		
165	82.8	69.6	104.4
167	15.3	11.9	17.9

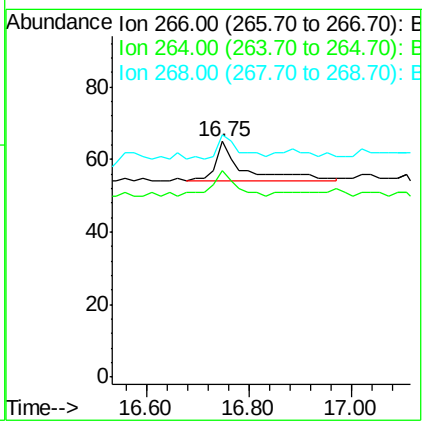


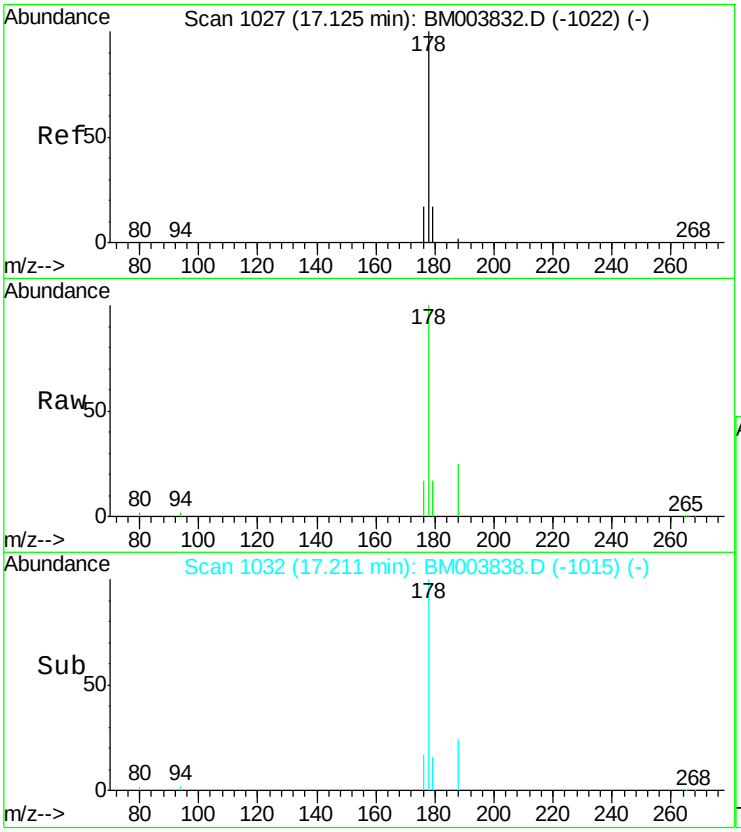


#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.75 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Tgt Ion:266 Resp: 46

Ion	Ratio	Lower	Upper
266	100		
264	43.5	51.8	77.8#
268	45.7	46.8	70.2#



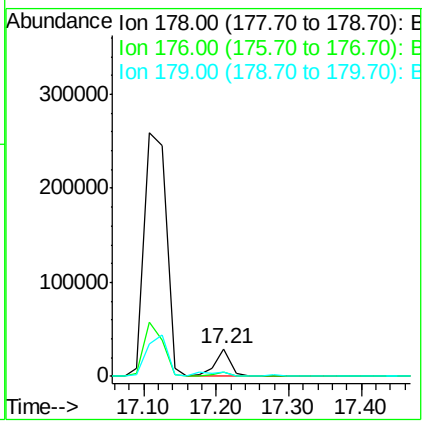


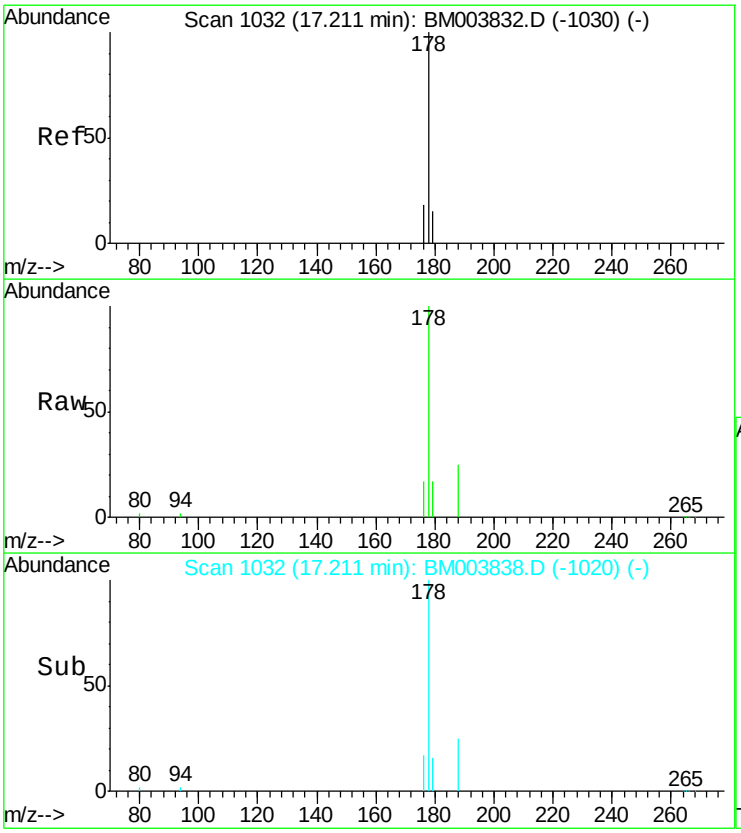
#14
Phenanthrene
Concen: 0.01 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. 0.09 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Instrument :
BNA_M
ClientSampleId :
D9N66

Tgt Ion:178 Resp: 45779

Ion	Ratio	Lower	Upper
178	100		
176	17.4	13.0	19.4
179	16.5	14.2	21.2

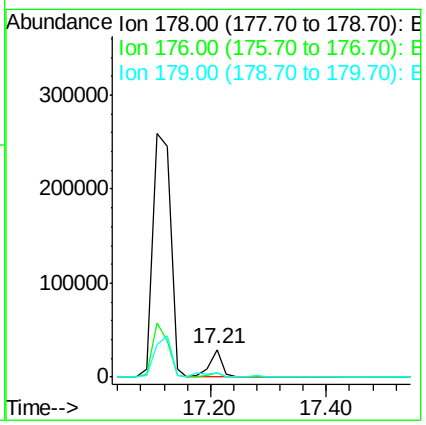


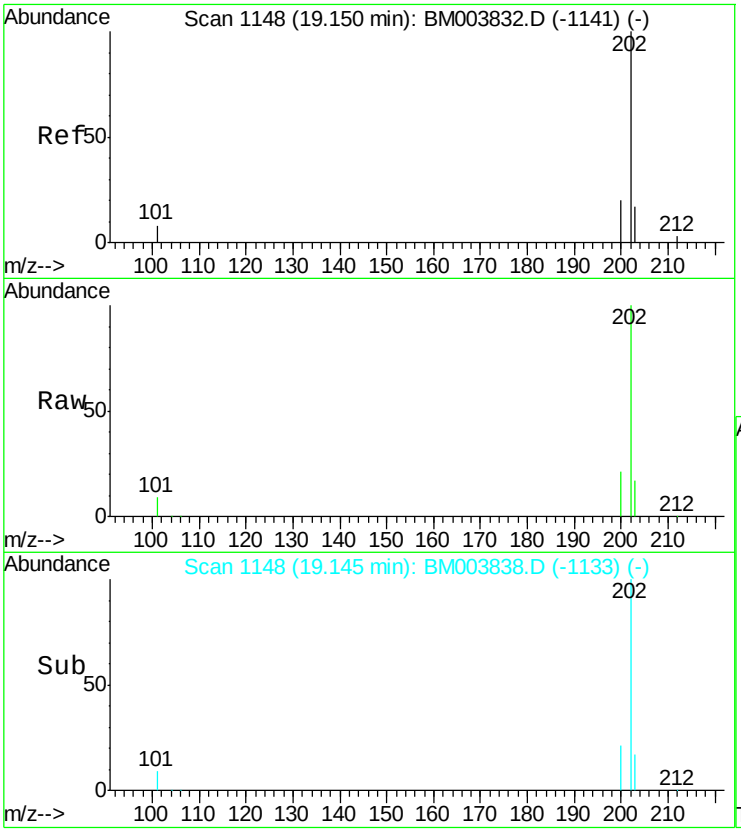


#15
Anthracene
Concen: 0.01 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Tgt Ion:178 Resp: 45916

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.0	21.0
179	16.5	12.9	19.3



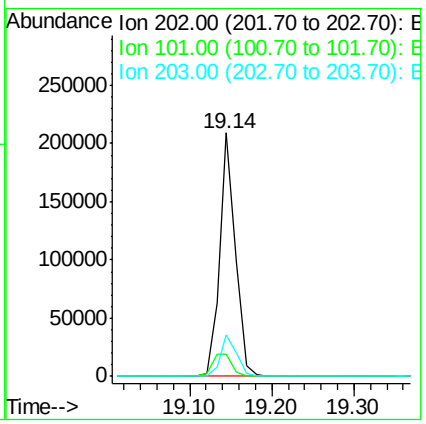


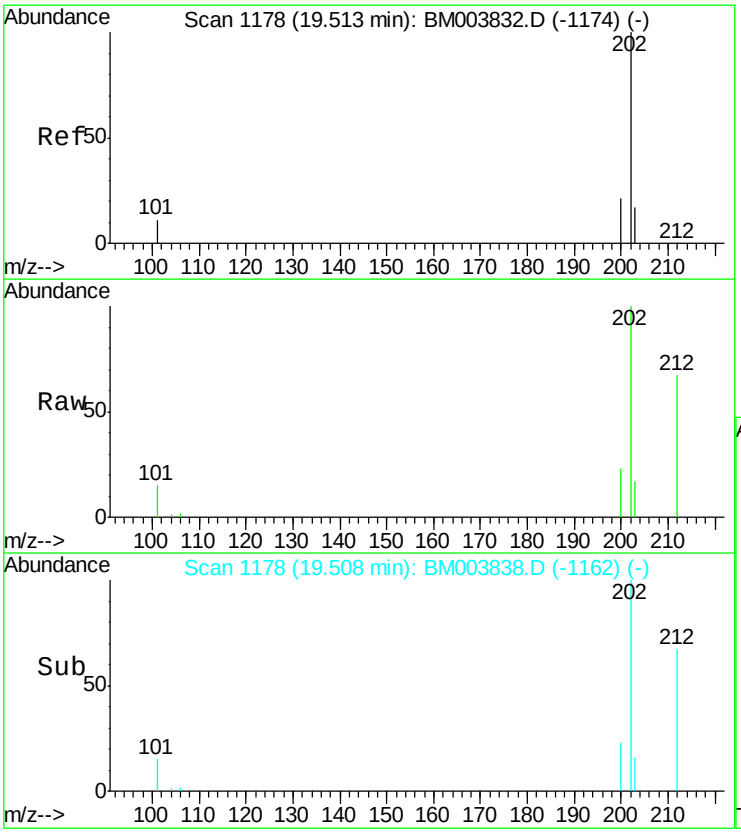
#17
Fluoranthene
Concen: 0.06 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Instrument :
BNA_M
ClientSampleId :
D9N66

Tgt Ion:202 Resp: 278842

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.6
203	16.7	0.0	36.3

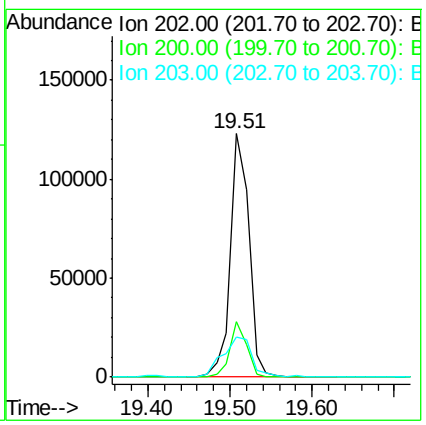


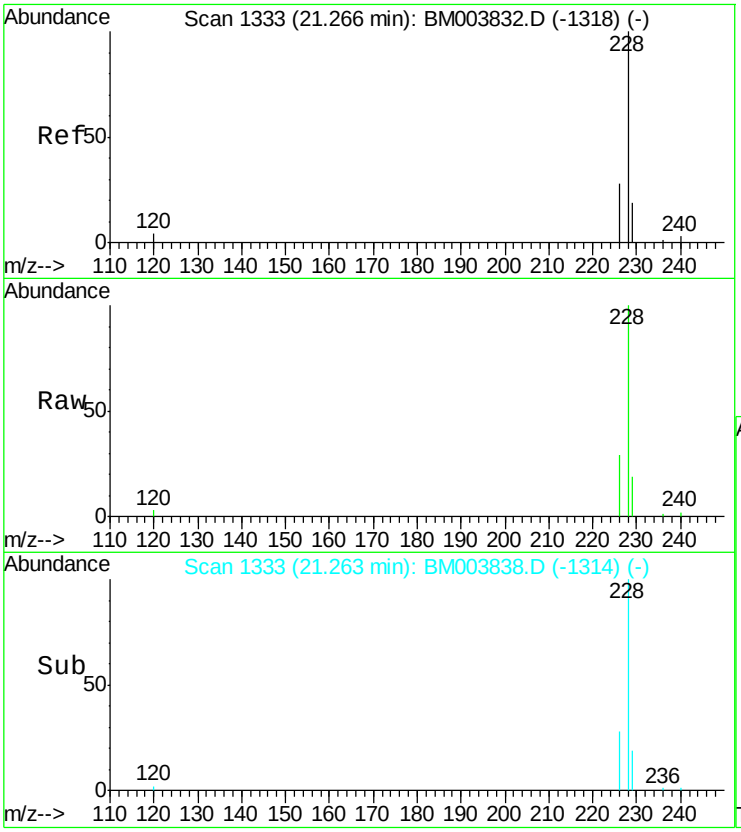


#19
Pyrene
Concen: 3.83 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Tgt Ion:202 Resp: 190373

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.8	26.8
203	16.5	12.8	19.2



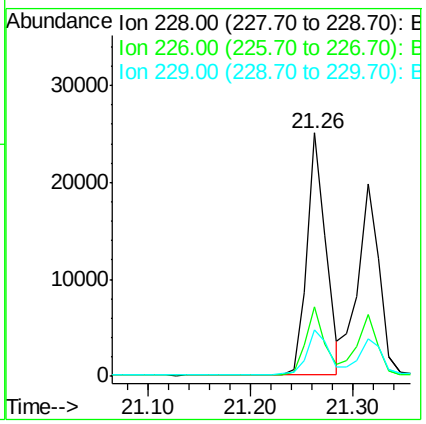


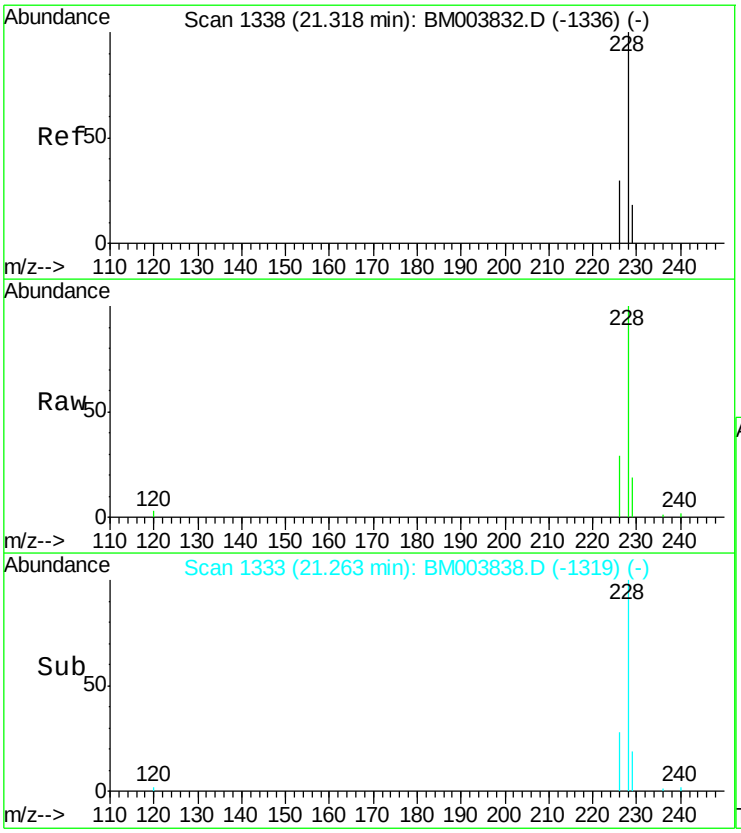
#20
Benzo(a)anthracene
Concen: 0.73 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Instrument :
BNA_M
ClientSampleId :
D9N66

Tgt Ion:228 Resp: 32721

Ion	Ratio	Lower	Upper
228	100		
226	28.7	18.8	28.2#
229	19.3	17.1	25.7

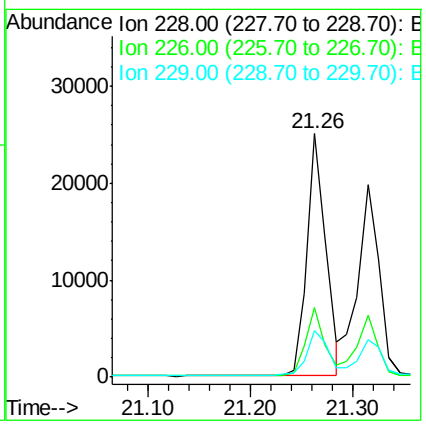


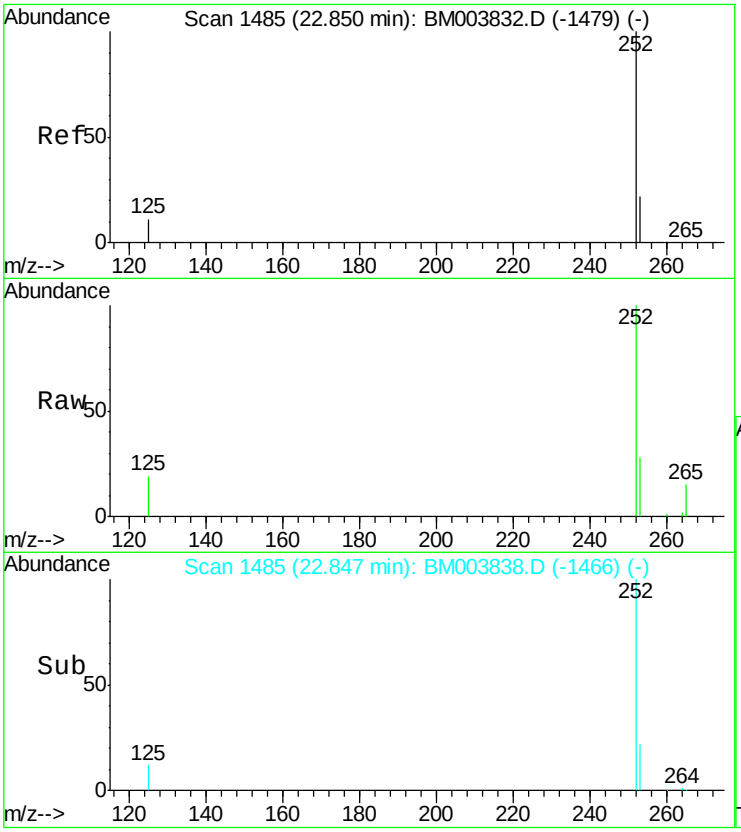


#21
Chrysene
Concen: 0.64 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.06 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Tgt Ion:228 Resp: 32721

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.2	31.8
229	19.3	17.0	25.6



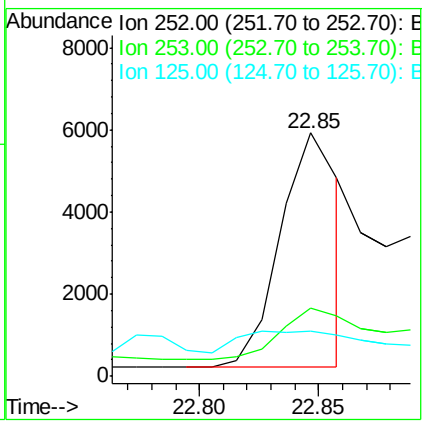


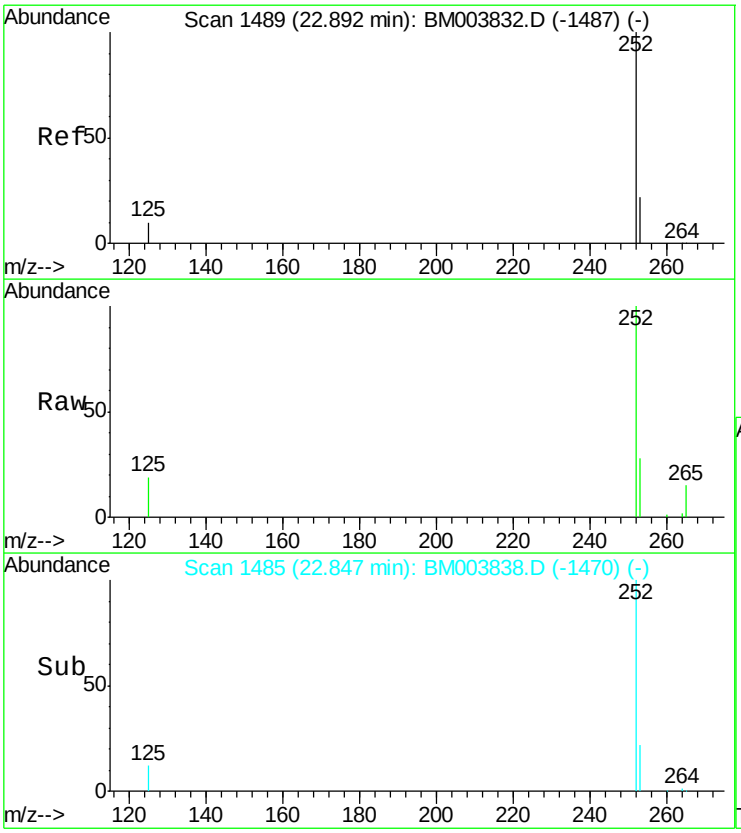
#23
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 22.85 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Instrument :
BNA_M
ClientSampleId :
D9N66

Tgt Ion:252 Resp: 9761

Ion	Ratio	Lower	Upper
252	100		
253	28.3	0.0	45.4
125	18.6	0.0	28.8

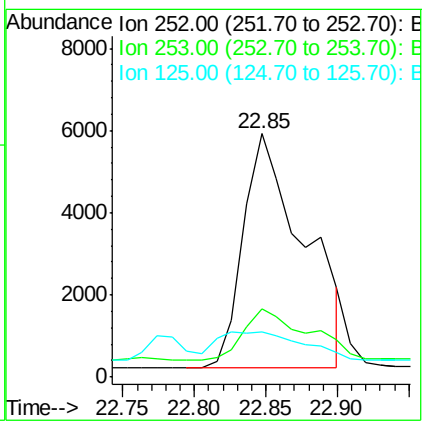


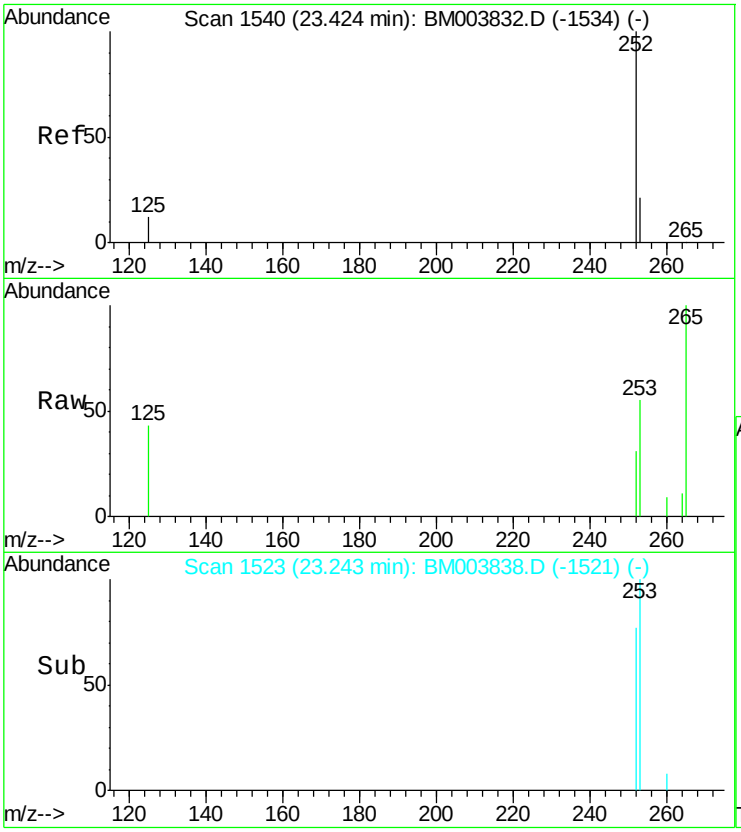


#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.85 min Scan# 1485
Delta R.T. -0.05 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Tgt Ion:252 Resp: 16870

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.8	29.8
125	18.6	10.4	15.6#



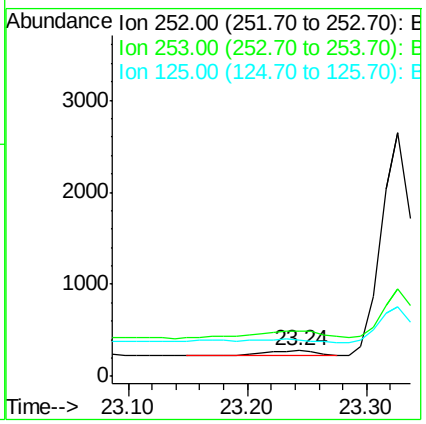


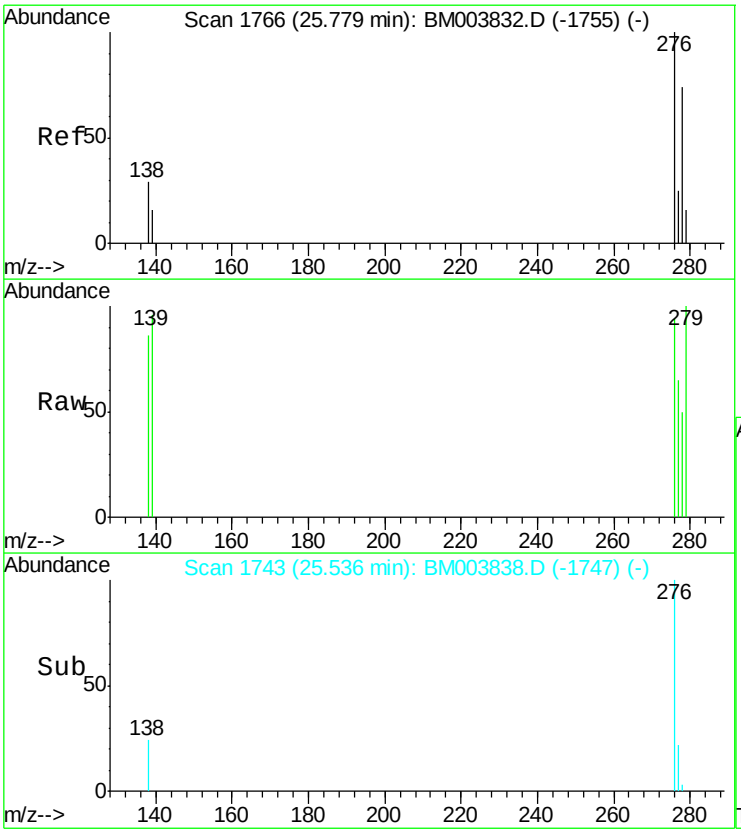
#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.24 min Scan# 1523
Delta R.T. -0.18 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Instrument :
BNA_M
ClientSampleId :
D9N66

Tgt Ion:252 Resp: 172

Ion	Ratio	Lower	Upper
252	100		
253	179.1	19.4	29.2#
125	141.2	12.7	19.1#

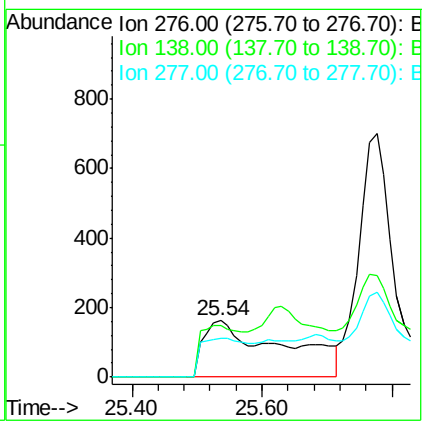


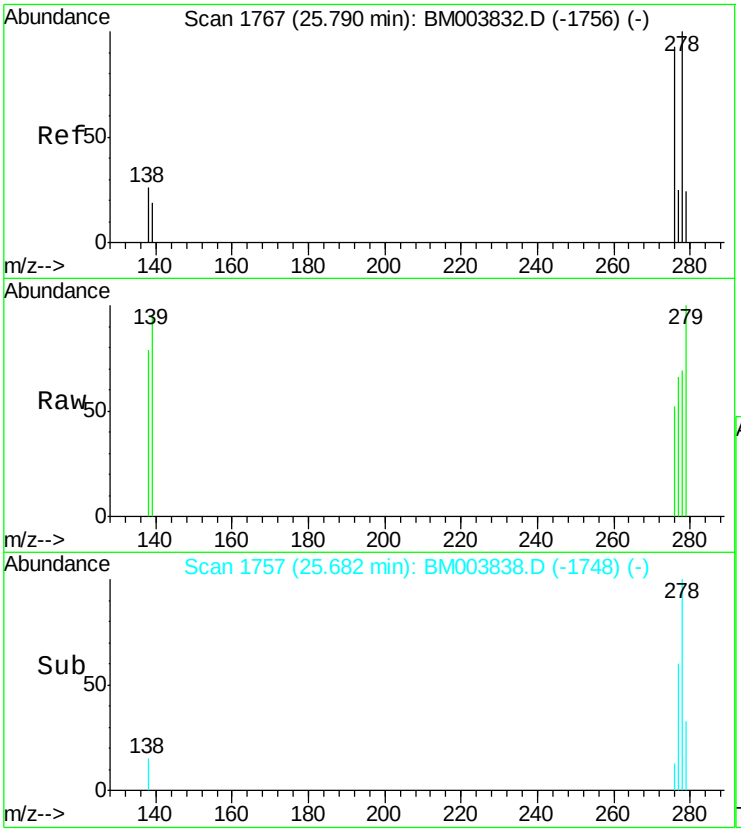


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.54 min Scan# 1743
Delta R.T. -0.24 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Tgt Ion:276 Resp: 1370

Ion	Ratio	Lower	Upper
276	100		
138	56.4	16.3	24.5#
277	0.0	19.8	29.8#





#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.68 min Scan# 1757
Delta R.T. -0.11 min
Lab File: BM003838.D
Acq: 28 Dec 2015 20:58

Instrument :
BNA_M
ClientSampleId :
D9N66

Tgt Ion:278 Resp: 1382

Ion	Ratio	Lower	Upper
278	100		
139	138.6	16.4	24.6#
279	144.9	20.2	30.2#