Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121515\
Data File : BM003568.D
Acq On : 16 Dec 2015 02:55
Operator : UM/IZ
Sample : G4734-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4KX8

Quant Time: Dec 16 05:58:44 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 : Wed Dec 16 05:49:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4292	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	16445	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	8657	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	1202141	0.40	ng/ul	0.10
18) Chrysene-d12	21.31	240	17103	0.40	ng/ul	-0.01
22) Perylene-d12	23.41	264	1133776	0.40	ng/ul	-0.16
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	5475	2.98	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	7082	0.36	ng/ul	0.00
16) Fluoranthene-d10	19.15	212	13899	0.01	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.55	128	5706456	154.03	ng/ul#	96
7) 2-Methylnaphthalene	12.16	142	9279	0.37	ng/ul	99
9) Acenaphthylene	14.07	152	398	0.01	ng/ul#	45
10) Acenaphthene	14.42	153	3958	0.15	ng/ul	87
11) Fluorene	15.41	166	8584	0.29	ng/ul	84
13) Pentachlorophenol	16.76	266	203	0.00	ng/ul#	91
14) Phenanthrene	17.23	178	2691	0.00	ng/ul#	80
15) Anthracene	17.23	178	2442	0.00	ng/ul#	80
17) Fluoranthene	19.17	202	3138	0.00	ng/ul	90
19) Pyrene	19.54	202	4158	0.09	ng/ul#	86
20) Benzo(a)anthracene	21.29	228	538	0.01	ng/ul#	55
21) Chrysene	21.34	228	1884	0.04	ng/ul#	84
23) Benzo(b)fluoranthene	22.74	252	22	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.88	252	1001	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.41	252	4557	0.00	ng/ul#	52
26) Indeno(1,2,3-cd)pyrene	25.57	276	1028	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.83	278	96	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.40	276	3	0.00	ng/ul#	1

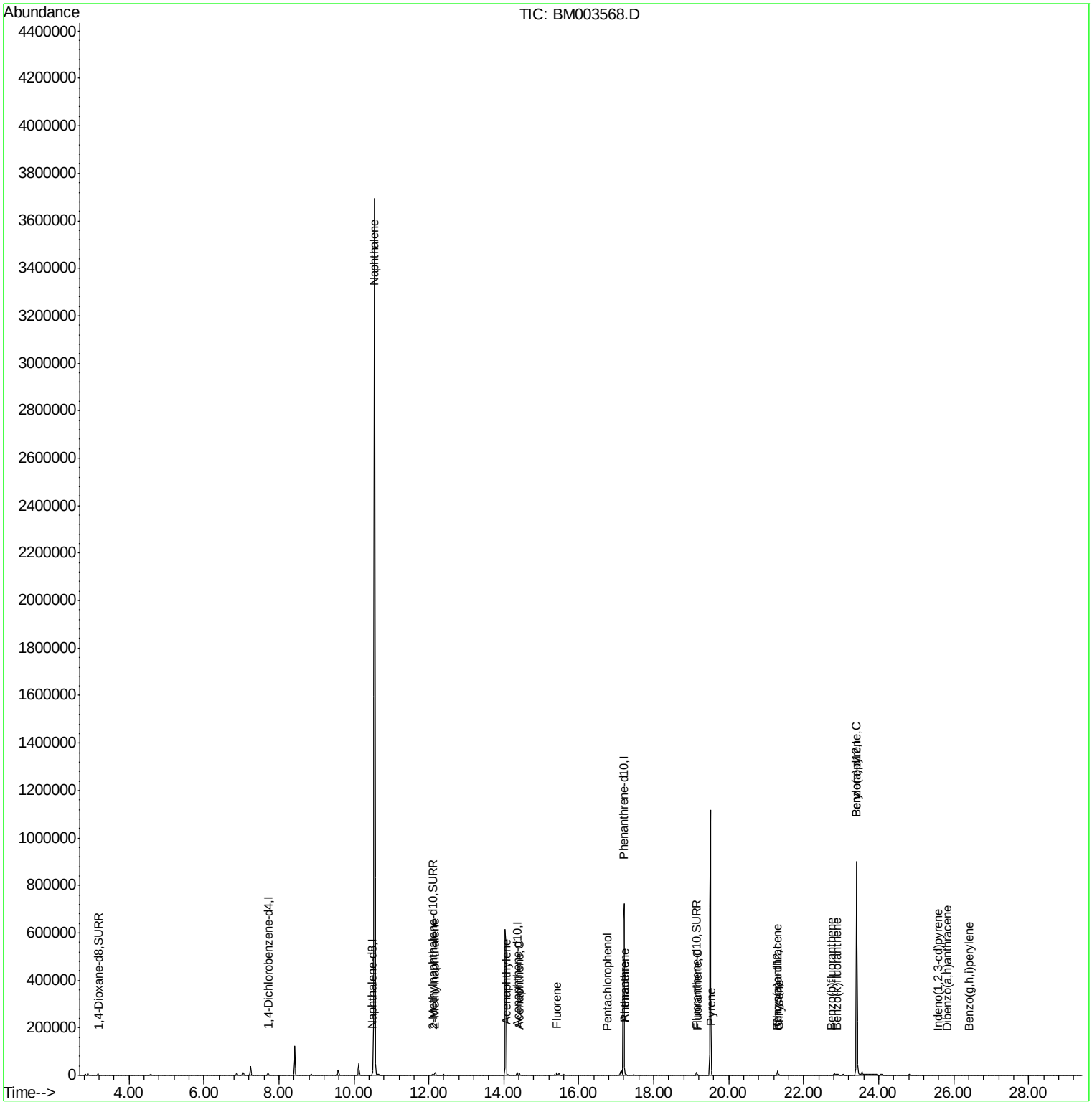
(#) = qualifier out of range (m) = manual integration (+) = signals summed

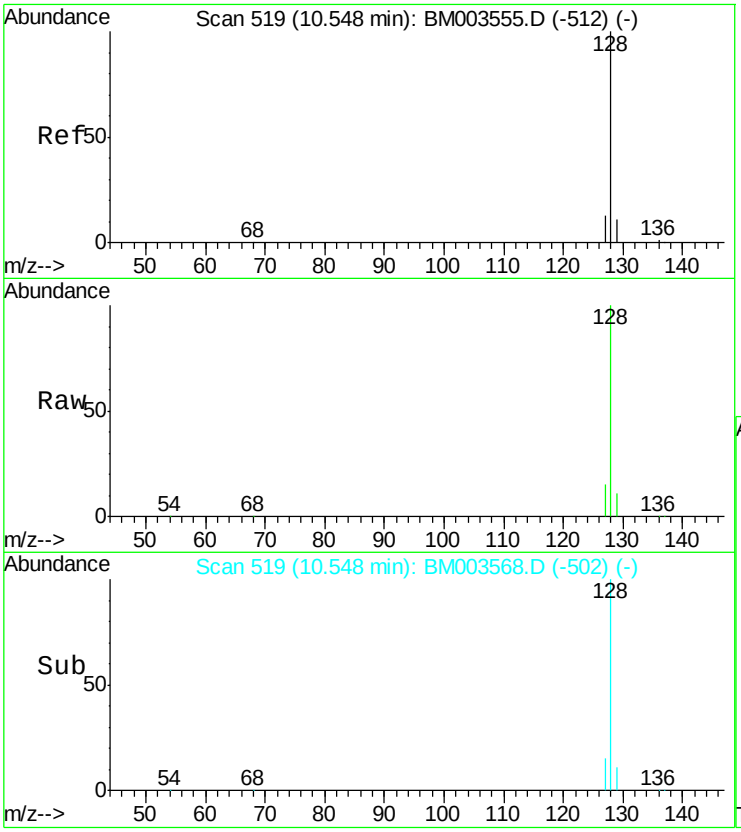
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121515\
Data File : BM003568.D
Acq On : 16 Dec 2015 02:55
Operator : UM/IZ
Sample : G4734-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4KX8

Quant Time: Dec 16 05:58:44 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 : Wed Dec 16 05:49:57 2015
Response via : Initial Calibration



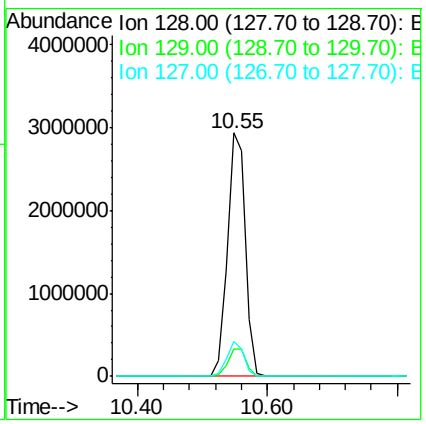


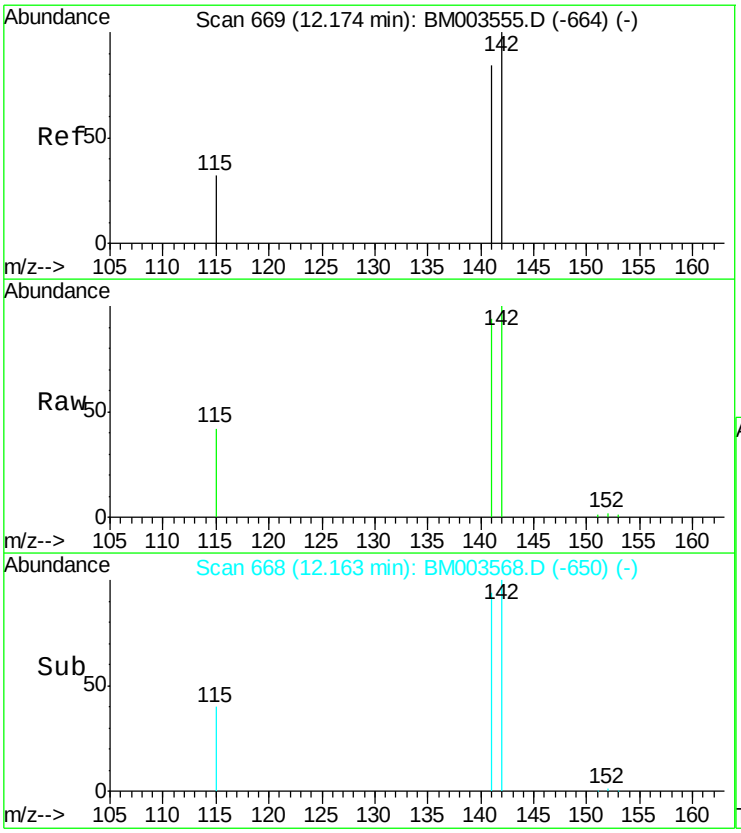
#5
Naphthalene
Concen: 154.03 ng/ul
RT: 10.55 min Scan# 519
Delta R.T. 0.00 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:128 Resp: 5706456

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	14.6	9.6	14.4#

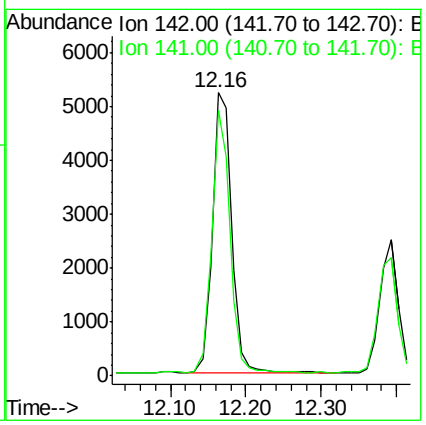


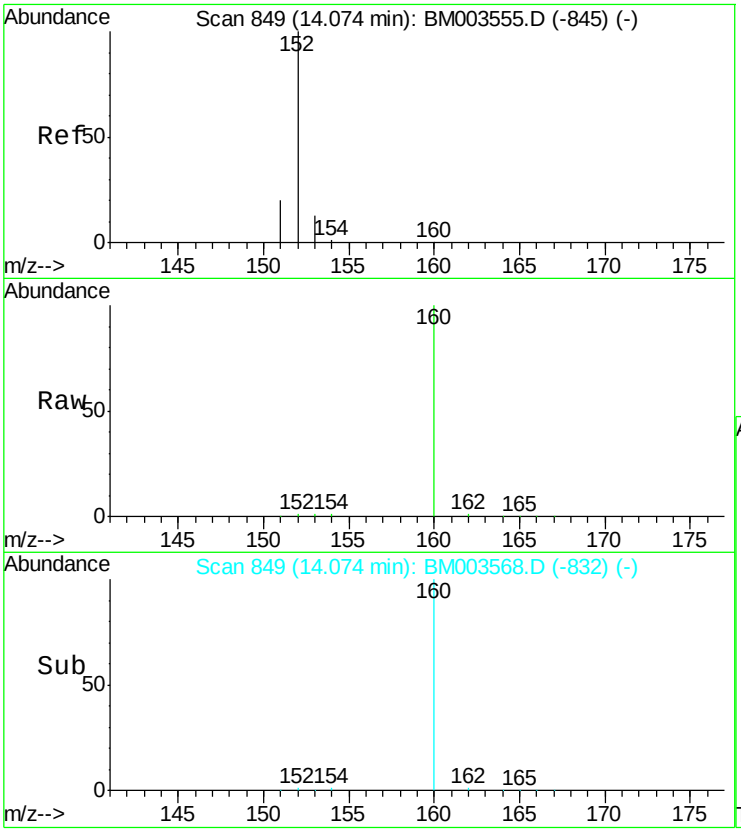


#7
2-Methylnaphthalene
Concen: 0.37 ng/ul
RT: 12.16 min Scan# 668
Delta R.T. -0.01 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Tgt Ion:142 Resp: 9279

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5



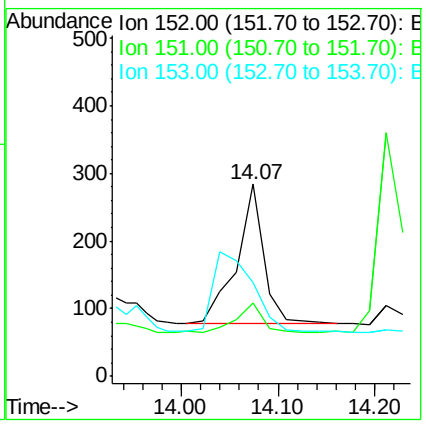


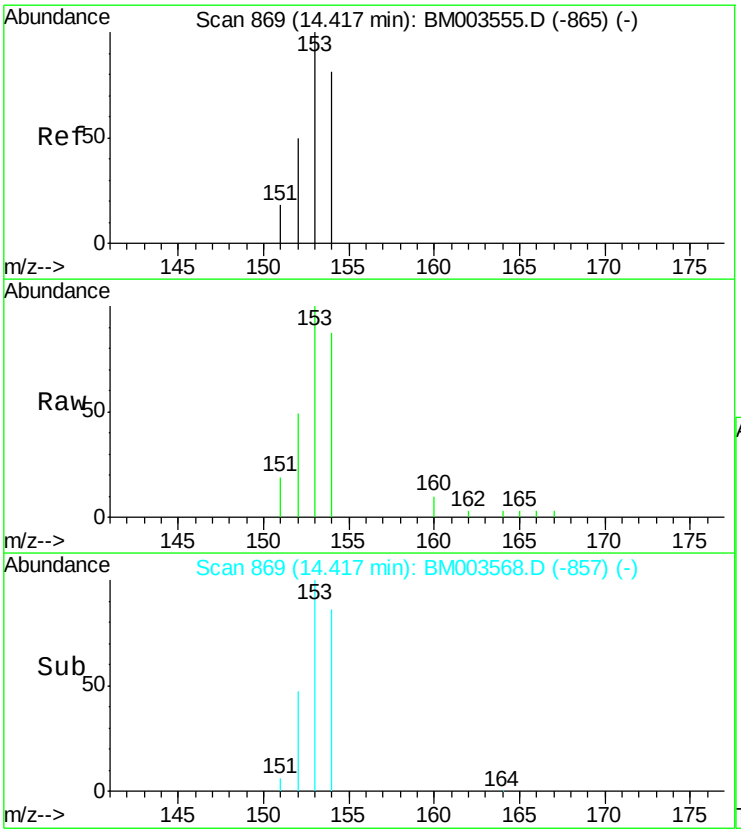
#9
Acenaphthylene
Concen: 0.01 ng/ul
RT: 14.07 min Scan# 849
Delta R.T. 0.00 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:152 Resp: 398

Ion	Ratio	Lower	Upper
152	100		
151	38.0	17.6	26.4#
153	48.9	9.7	14.5#

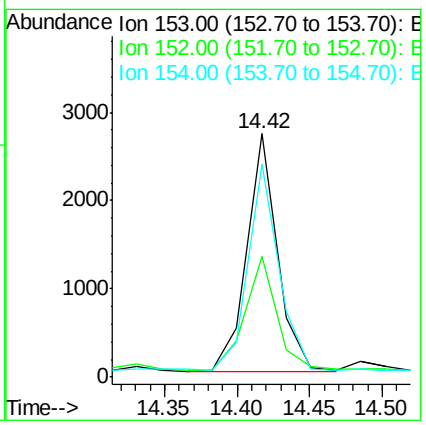


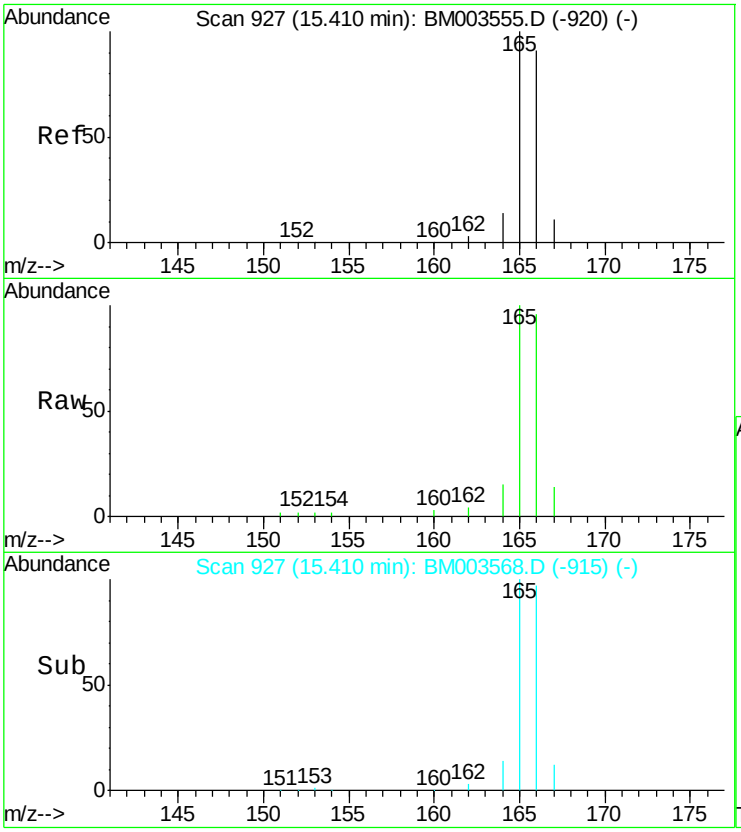


#10
Acenaphthene
Concen: 0.15 ng/ul
RT: 14.42 min Scan# 869
Delta R.T. 0.00 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Tgt Ion:153 Resp: 3958

Ion	Ratio	Lower	Upper
153	100		
152	49.5	33.9	50.9
154	87.3	80.6	121.0



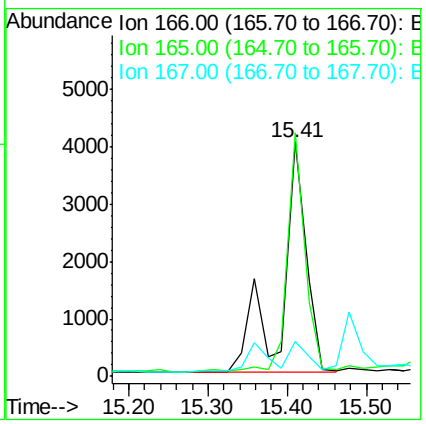


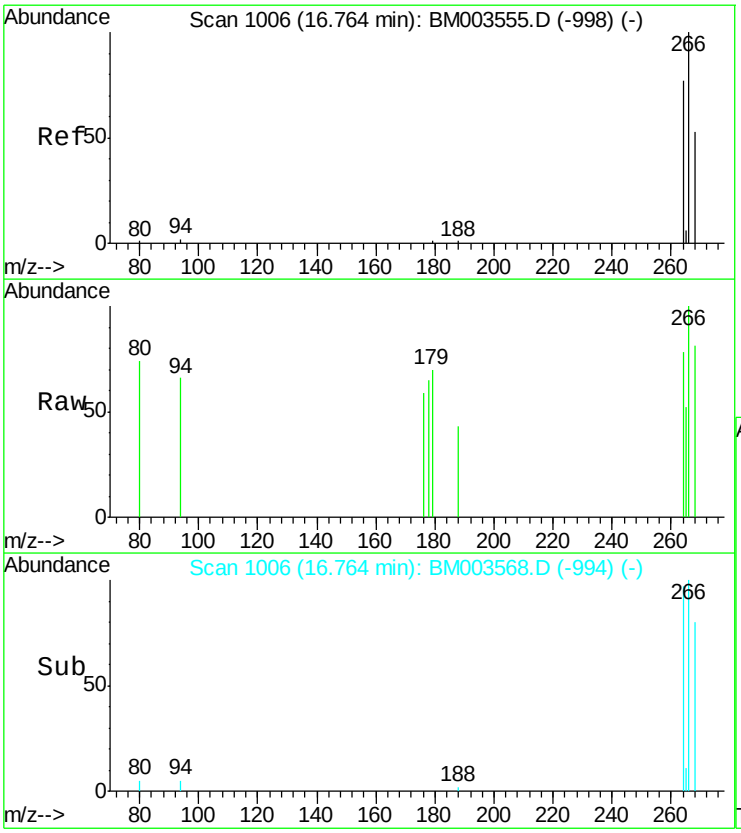
#11
Fluorene
Concen: 0.29 ng/ul
RT: 15.41 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:166 Resp: 8584

Ion	Ratio	Lower	Upper
166	100		
165	103.8	69.6	104.4
167	15.0	11.9	17.9

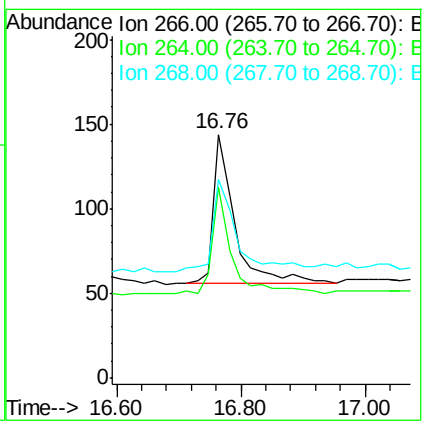


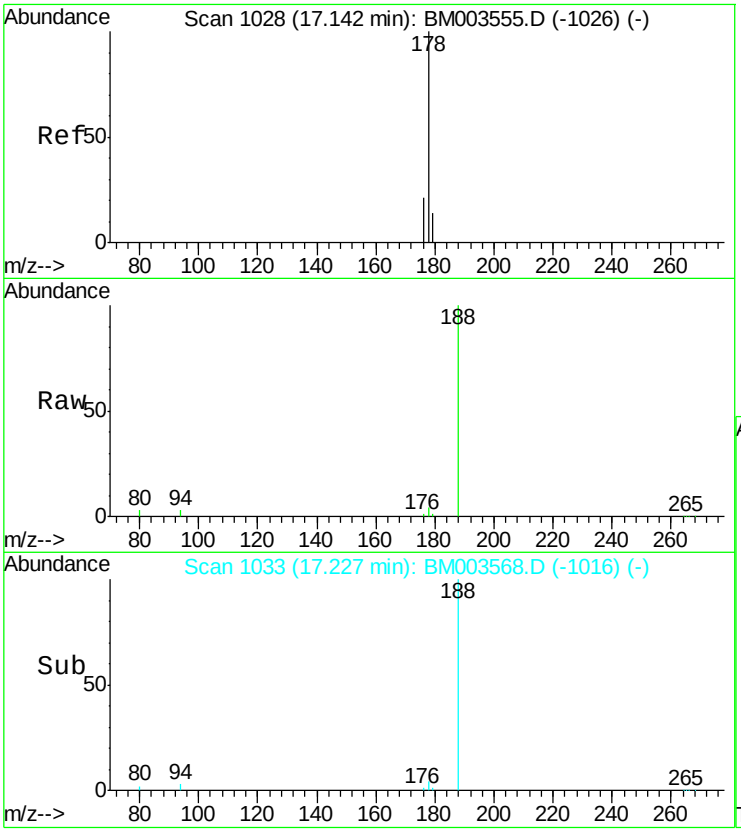


#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.76 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Tgt Ion:266 Resp: 203

Ion	Ratio	Lower	Upper
266	100		
264	66.0	51.8	77.8
268	71.9	46.8	70.2#



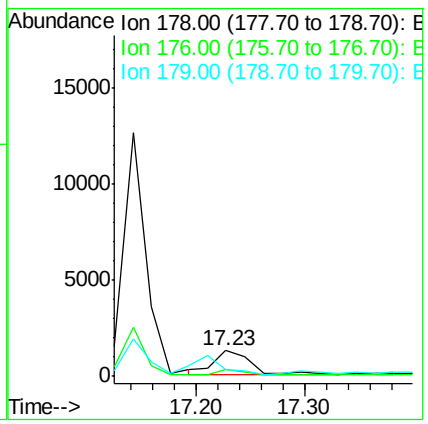


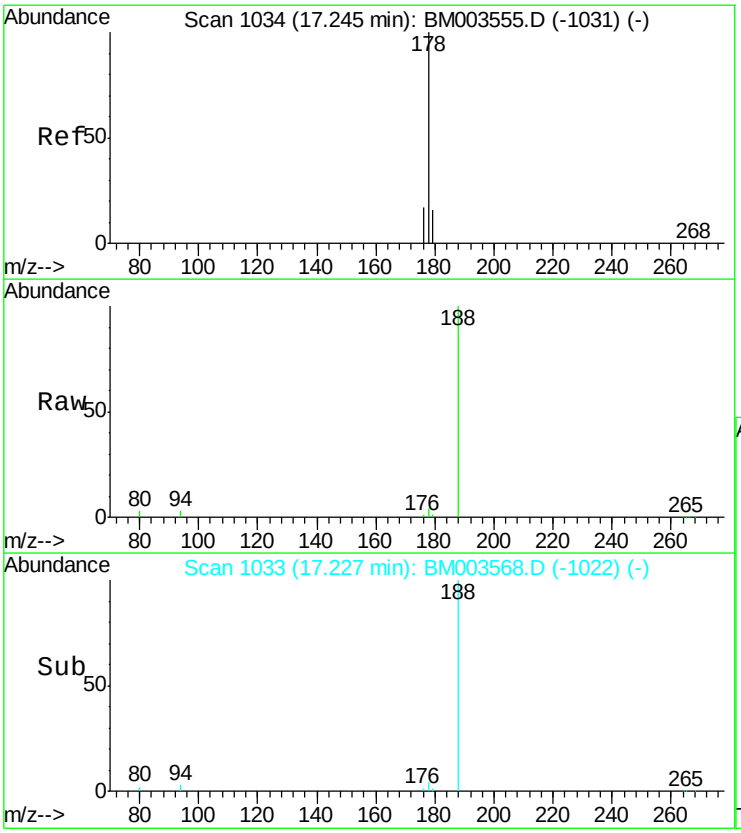
#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.23 min Scan# 1033
Delta R.T. 0.09 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:178 Resp: 2691

Ion	Ratio	Lower	Upper
178	100		
176	25.0	13.0	19.4#
179	26.1	14.2	21.2#

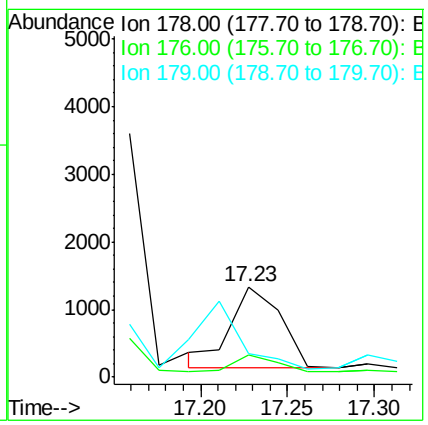


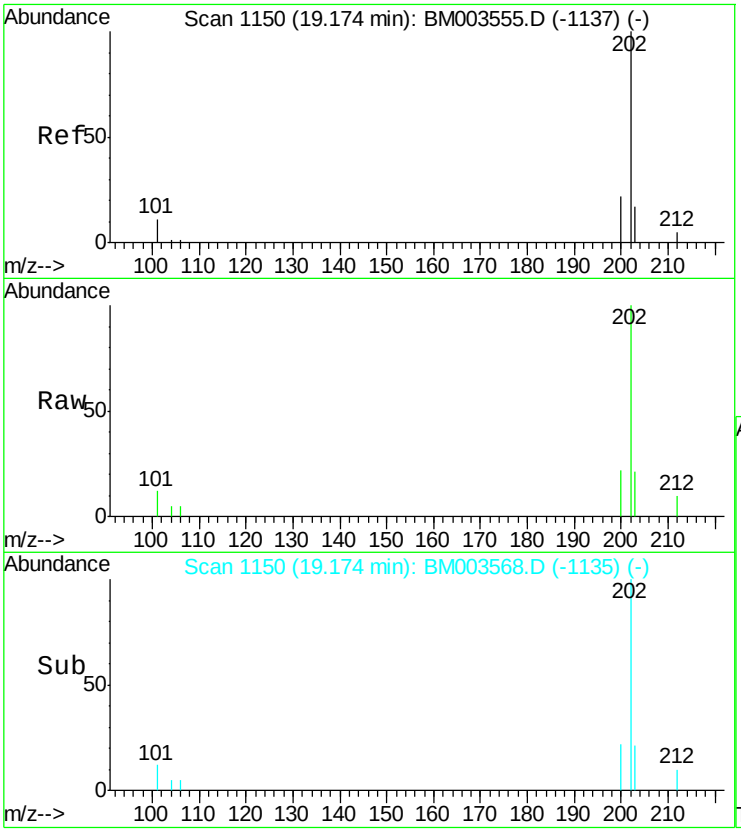


#15
Anthracene
Concen: 0.00 ng/ul
RT: 17.23 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Tgt Ion:178 Resp: 2442

Ion	Ratio	Lower	Upper
178	100		
176	25.0	14.0	21.0#
179	26.1	12.9	19.3#



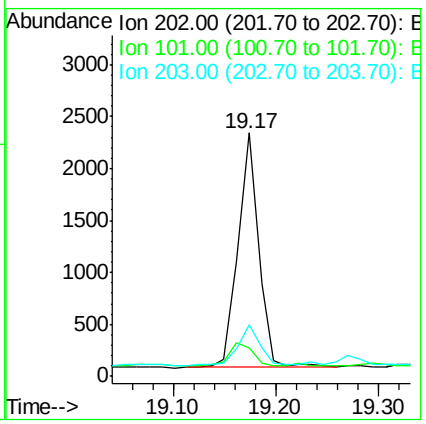


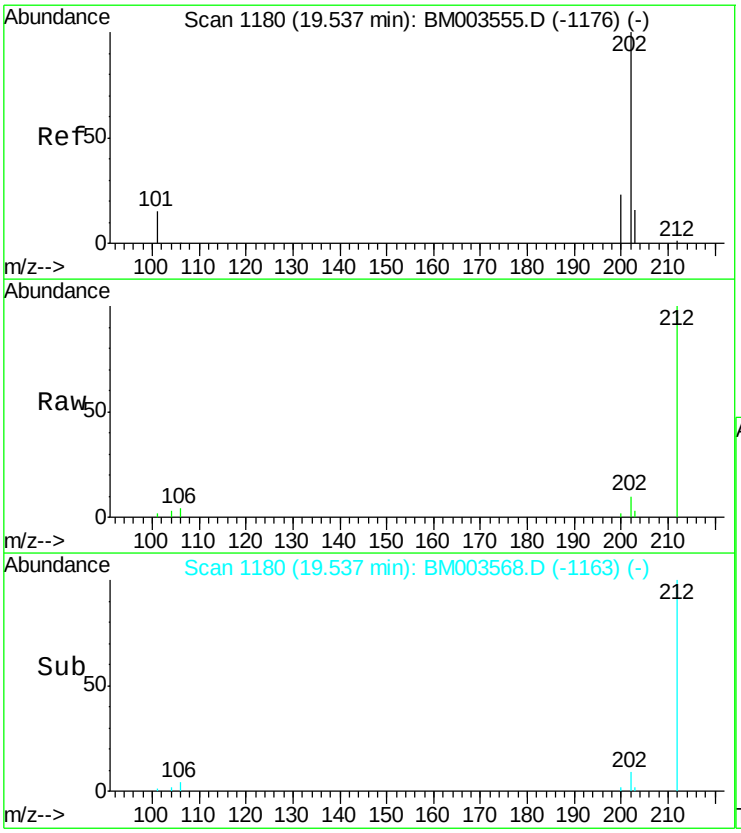
#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.17 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:202 Resp: 3138

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	29.6
203	21.3	0.0	36.3

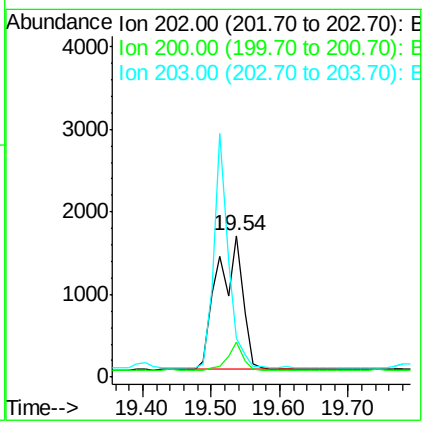


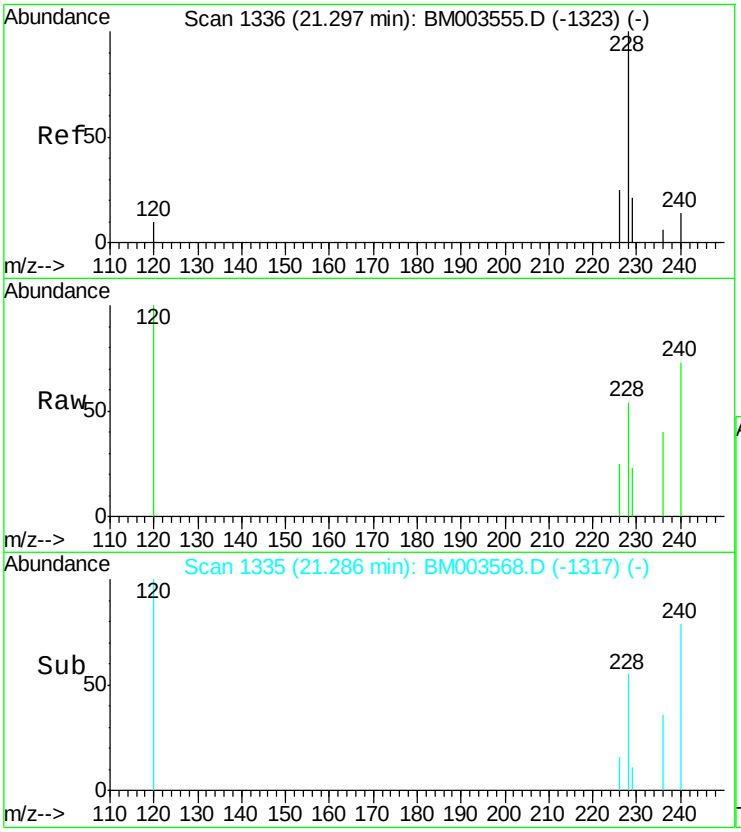


#19
Pyrene
Concen: 0.09 ng/ul
RT: 19.54 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Tgt Ion:202 Resp: 4158

Ion	Ratio	Lower	Upper
202	100		
200	24.5	17.8	26.8
203	27.4	12.8	19.2#



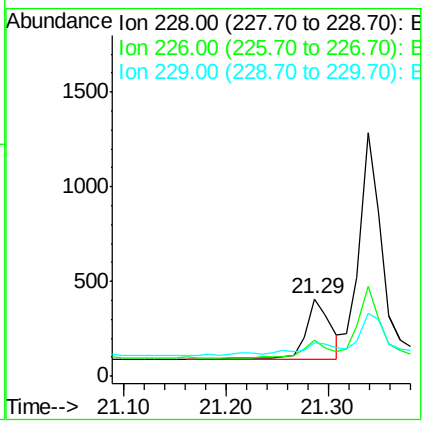


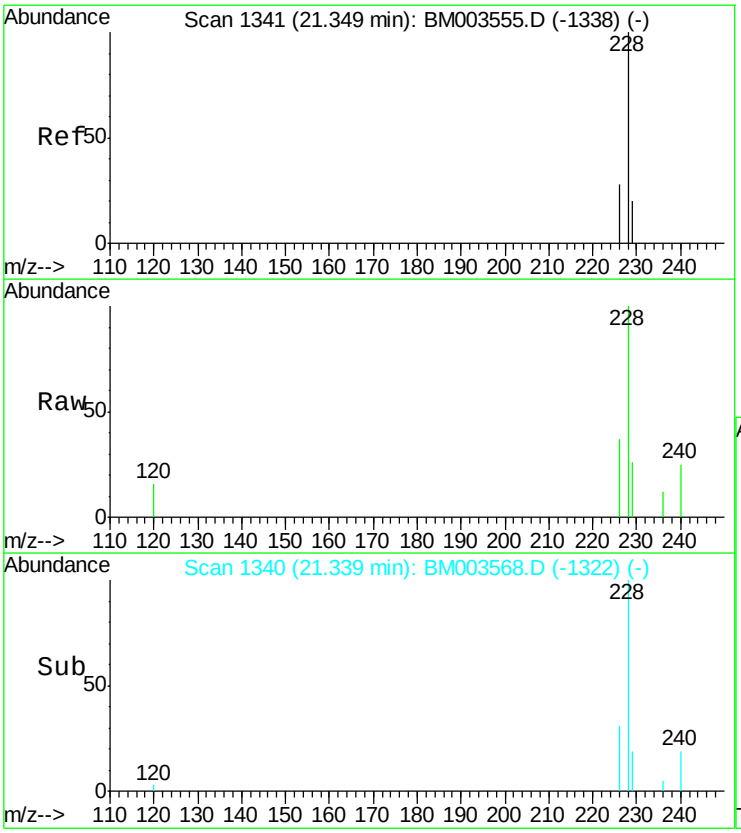
#20
Benzo(a)anthracene
Concen: 0.01 ng/ul
RT: 21.29 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:228 Resp: 538

Ion	Ratio	Lower	Upper
228	100		
226	45.9	18.8	28.2#
229	42.7	17.1	25.7#

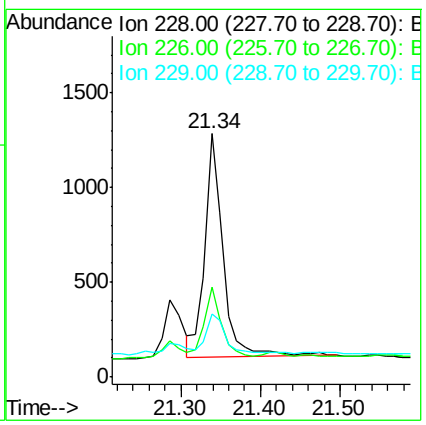


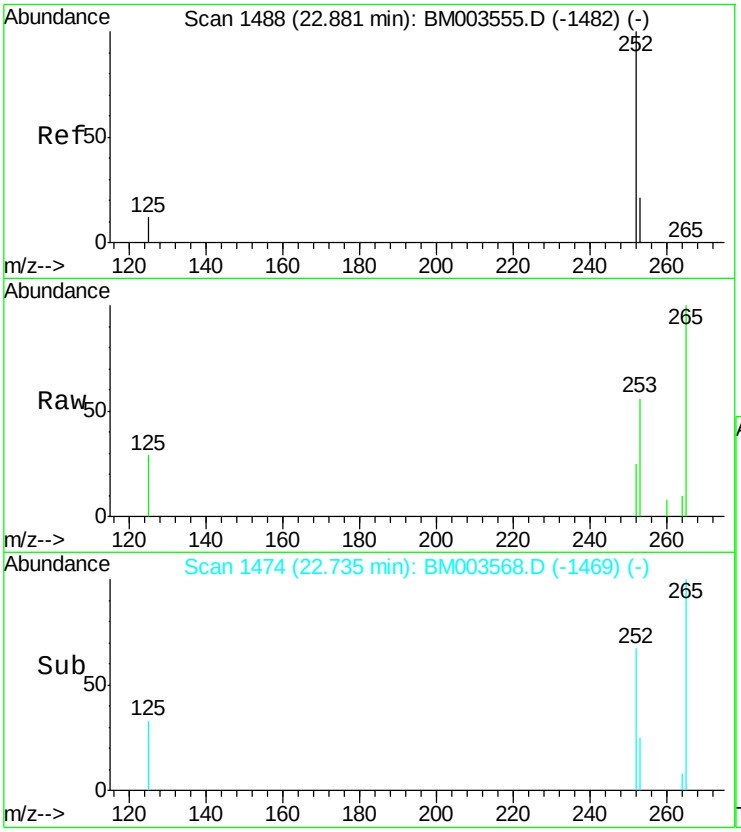


#21
Chrysene
Concen: 0.04 ng/ul
RT: 21.34 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Tgt Ion:228 Resp: 1884

Ion	Ratio	Lower	Upper
228	100		
226	36.8	21.2	31.8#
229	26.1	17.0	25.6#



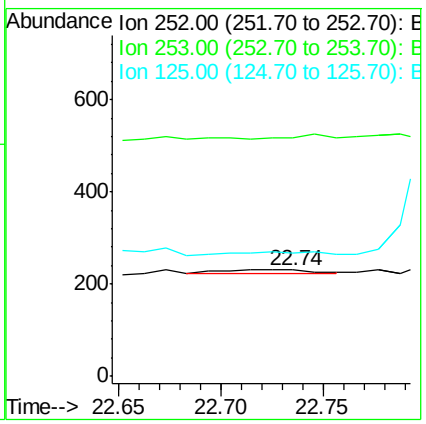


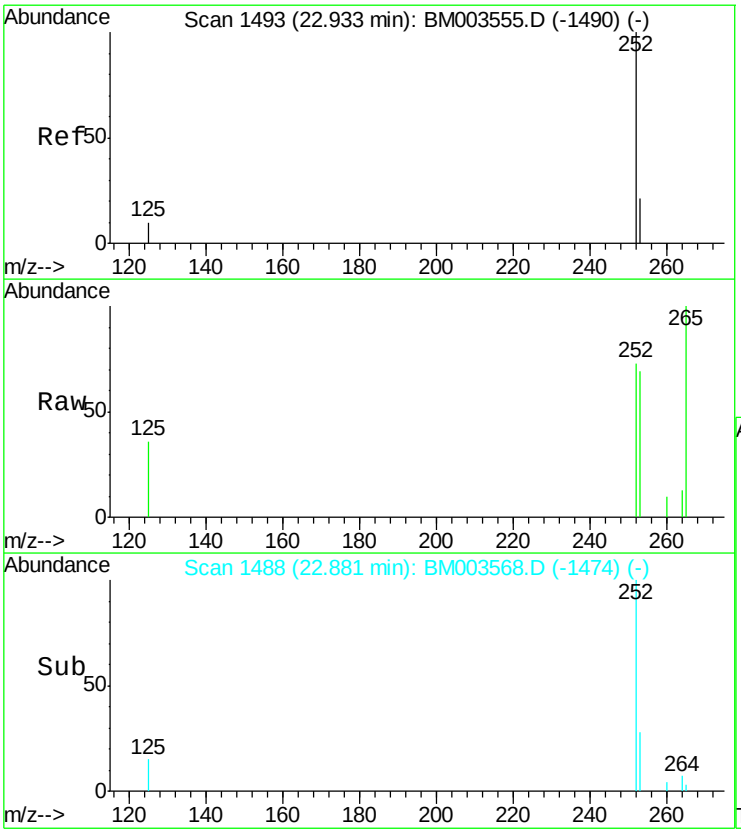
#23
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 22.74 min Scan# 1474
Delta R.T. -0.15 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:252 Resp: 22

Ion	Ratio	Lower	Upper
252	100		
253	223.4	0.0	45.4#
125	115.2	0.0	28.8#

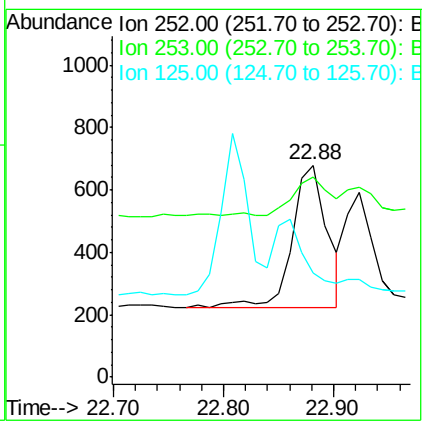


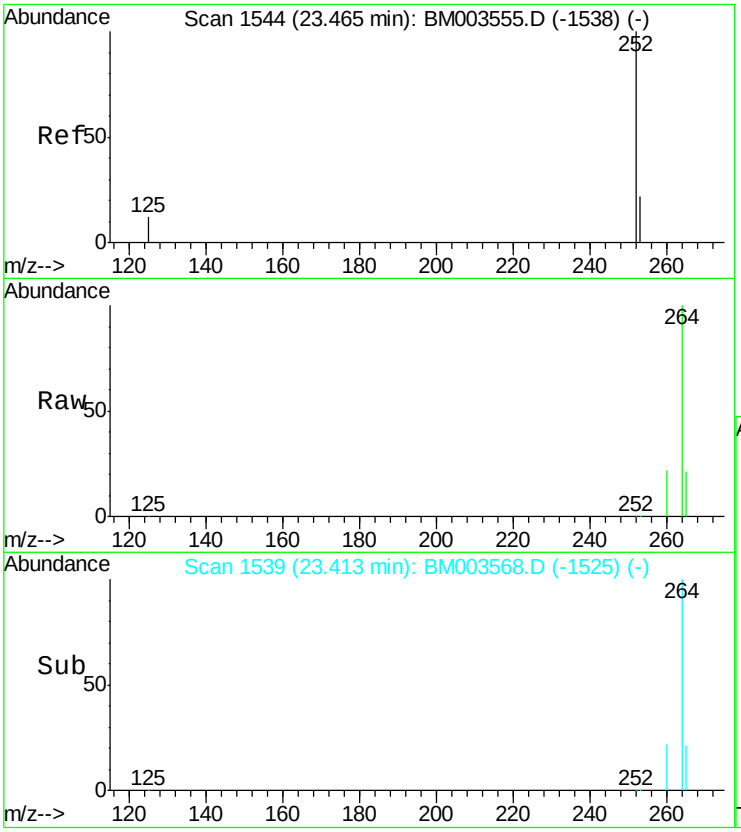


#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.88 min Scan# 1488
Delta R.T. -0.05 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Tgt Ion:252 Resp: 1001

Ion	Ratio	Lower	Upper
252	100		
253	94.3	19.8	29.8#
125	49.1	10.4	15.6#



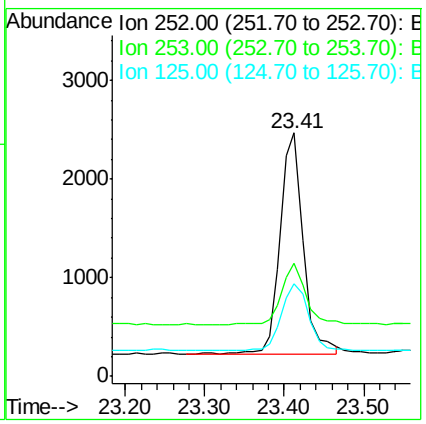


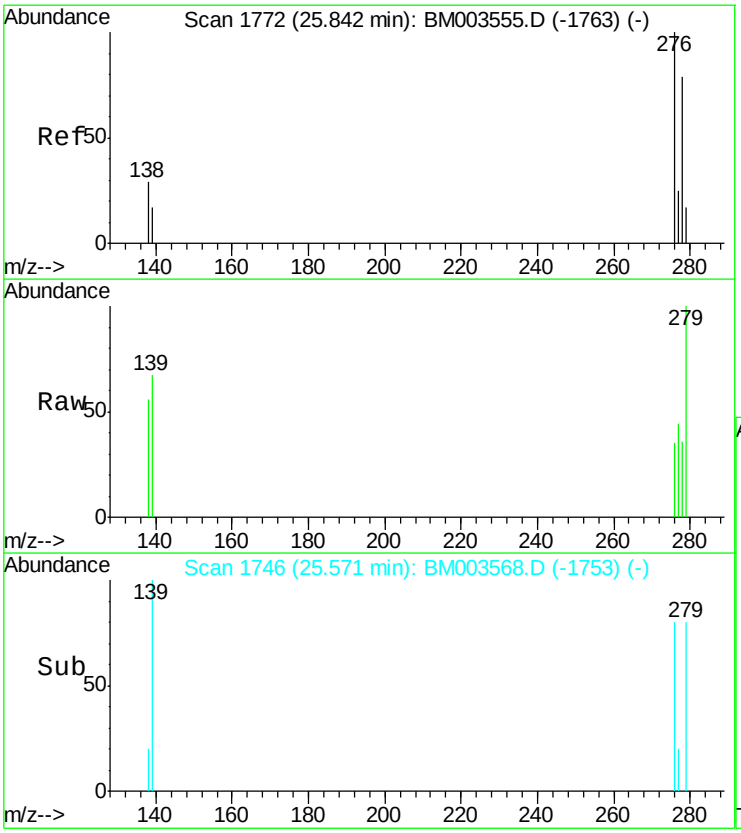
#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.41 min Scan# 1539
Delta R.T. -0.05 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:252 Resp: 4557

Ion	Ratio	Lower	Upper
252	100		
253	46.3	19.4	29.2#
125	38.2	12.7	19.1#

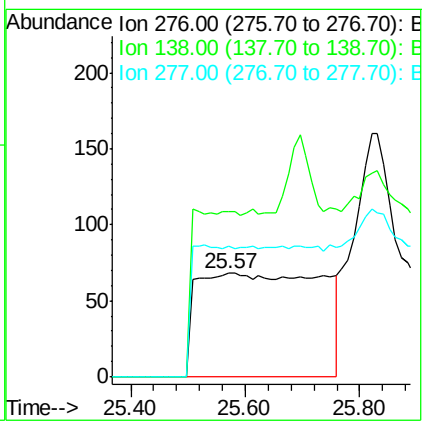


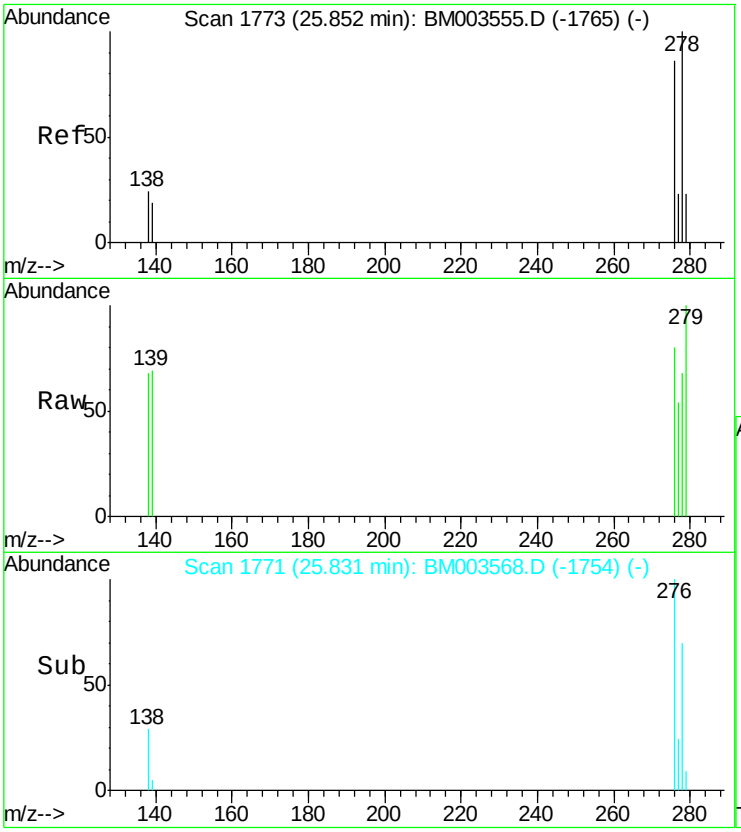


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.57 min Scan# 1746
Delta R.T. -0.27 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Tgt Ion:276 Resp: 1028

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



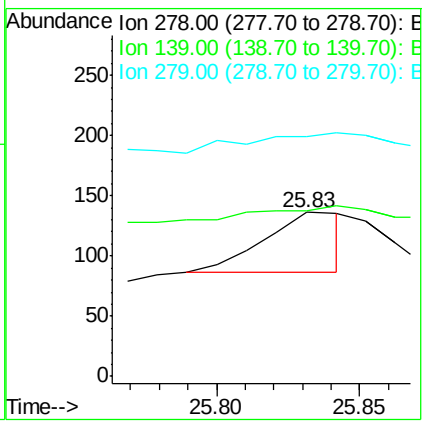


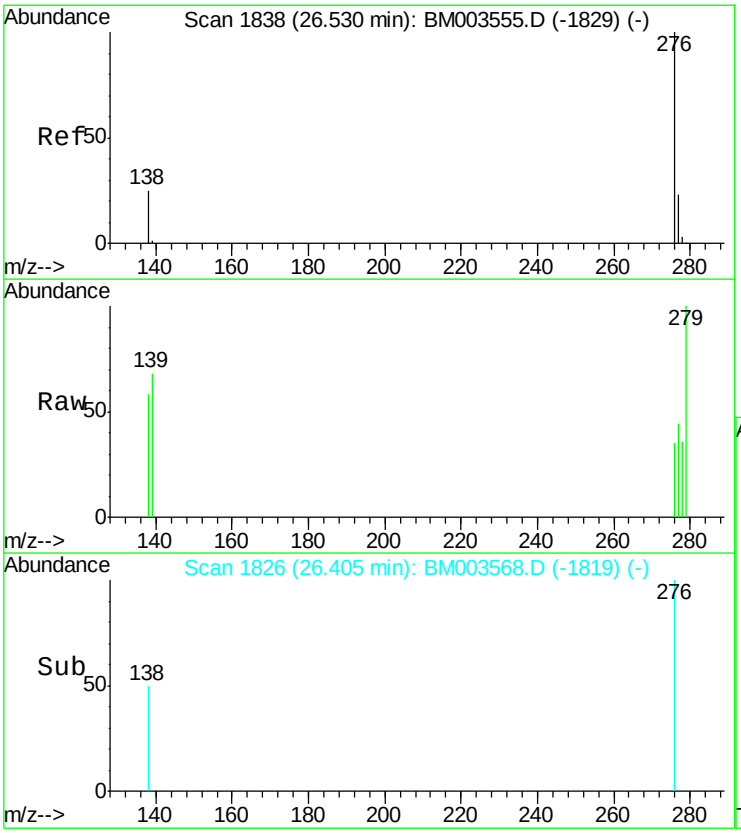
#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.83 min Scan# 1771
Delta R.T. -0.02 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:278 Resp: 96

Ion	Ratio	Lower	Upper
278	100		
139	101.5	16.4	24.6#
279	146.3	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.40 min Scan# 1826
Delta R.T. -0.13 min
Lab File: BM003568.D
Acq: 16 Dec 2015 02:55

Tgt Ion:276 Resp: 3

Ion	Ratio	Lower	Upper
276	100		
277	125.8	18.9	28.3#
138	163.6	22.5	33.7#