Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
Data File : BM003237.D
Acq On : 21 Nov 2015 00:44
Operator : UM/IZ
Sample : G4322-19RX
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4HT0

Quant Time: Nov 21 04:28:53 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 : Sat Nov 21 04:24:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	11756	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	45412	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	23900	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	51892	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	52919	0.40	ng/ul	-0.01
22) Perylene-d12	23.58	264	52835	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	16914	1.35	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	7029	0.11	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	15649	0.12	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.57	128	2059	0.02	ng/ul#	75
7) 2-Methylnaphthalene	12.19	142	559	0.01	ng/ul#	100
9) Acenaphthylene	14.09	152	4015	0.04	ng/ul#	88
10) Acenaphthene	14.43	153	832	0.01	ng/ul#	73
11) Fluorene	15.44	166	1687	0.02	ng/ul#	82
13) Pentachlorophenol	16.78	266	958	0.08	ng/ul	94
14) Phenanthrene	17.16	178	47129	0.31	ng/ul#	89
15) Anthracene	17.26	178	6560	0.05	ng/ul#	90
17) Fluoranthene	19.19	202	138419	0.83	ng/ul	99
19) Pyrene	19.55	202	119698	0.66	ng/ul	99
20) Benzo(a)anthracene	21.30	228	50786	0.33	ng/ul#	89
21) Chrysene	21.30	228	50684	0.29	ng/ul	93
23) Benzo(b)fluoranthene	22.91	252	131190	0.65	ng/ul#	81
24) Benzo(k)fluoranthene	22.91	252	131190	0.69	ng/ul#	84
25) Benzo(a)pyrene	23.48	252	58511	0.33	ng/ul#	95
26) Indeno(1,2,3-cd)pyrene	25.86	276	43725	0.21	ng/ul#	90
27) Dibenzo(a,h)anthracene	25.87	278	10125	0.06	ng/ul#	57
28) Benzo(g,h,i)perylene	26.56	276	37428	0.20	ng/ul	97

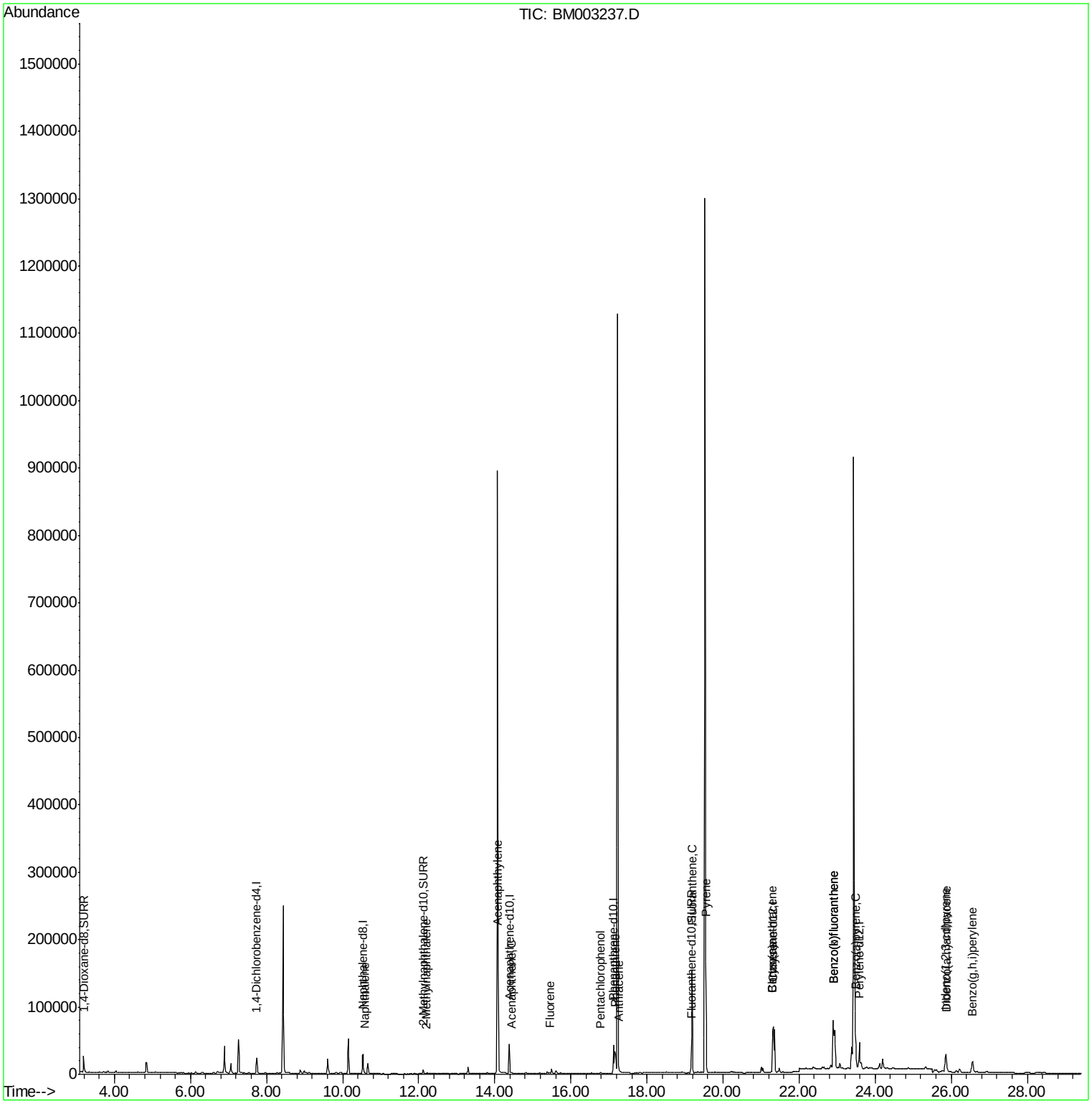
(#) = qualifier out of range (m) = manual integration (+) = signals summed

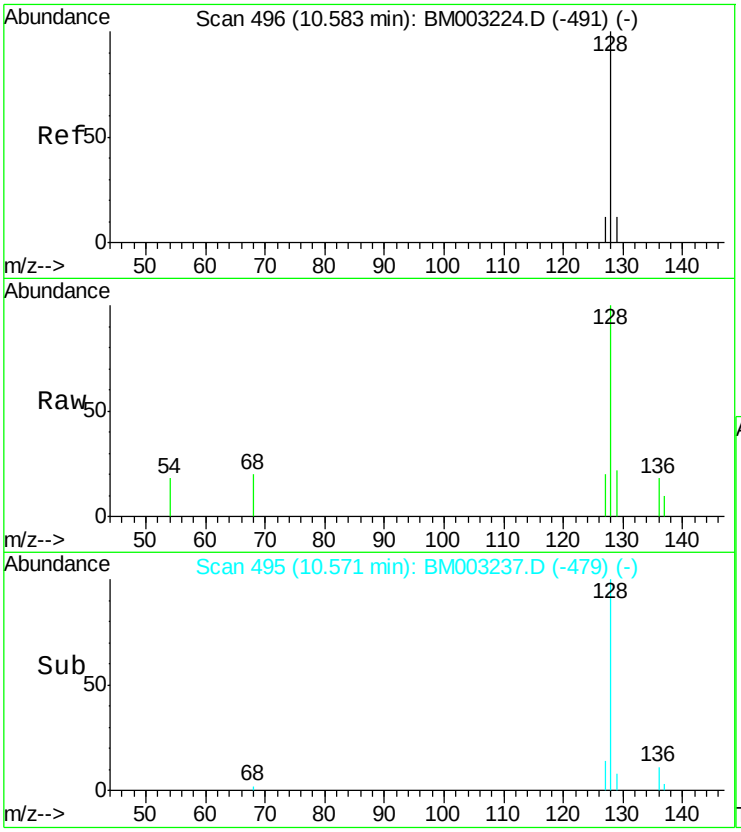
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
Data File : BM003237.D
Acq On : 21 Nov 2015 00:44
Operator : UM/IZ
Sample : G4322-19RX
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT0

Quant Time: Nov 21 04:28:53 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 : Sat Nov 21 04:24:04 2015
Response via : Initial Calibration



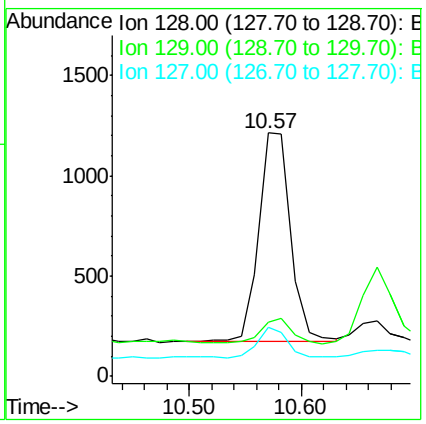


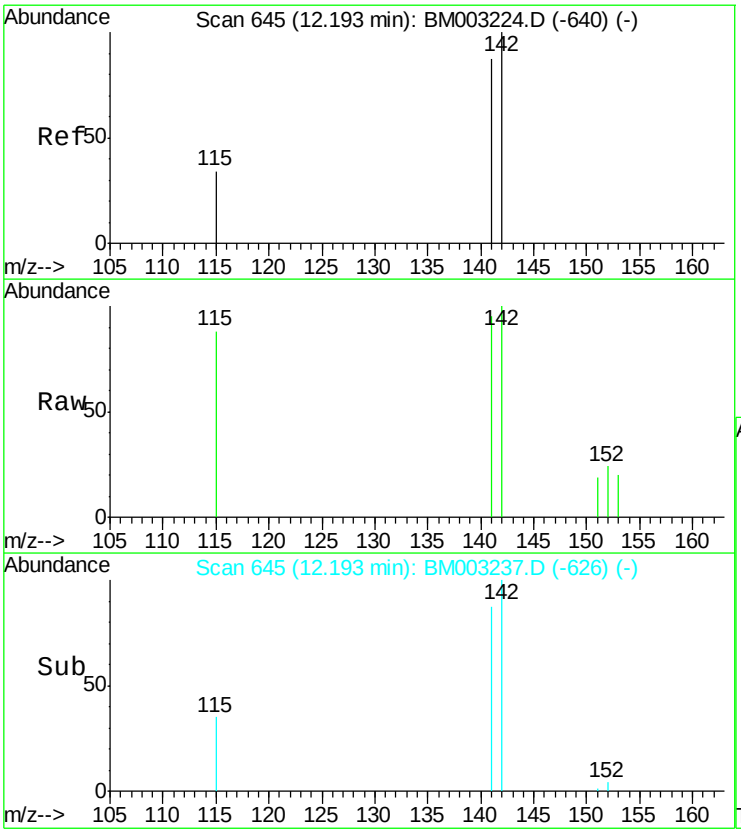
#5
Naphthalene
Concen: 0.02 ng/ul
RT: 10.57 min Scan# 495
Delta R.T. -0.01 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Instrument :
BNA_M
ClientSampleId :
A4HT0

Tgt Ion:128 Resp: 2059

Ion	Ratio	Lower	Upper
128	100		
129	22.4	9.0	13.6#
127	19.9	9.6	14.4#

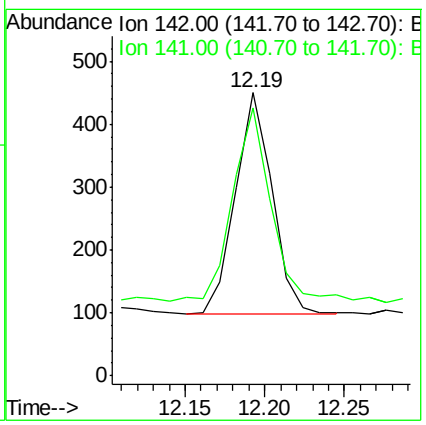


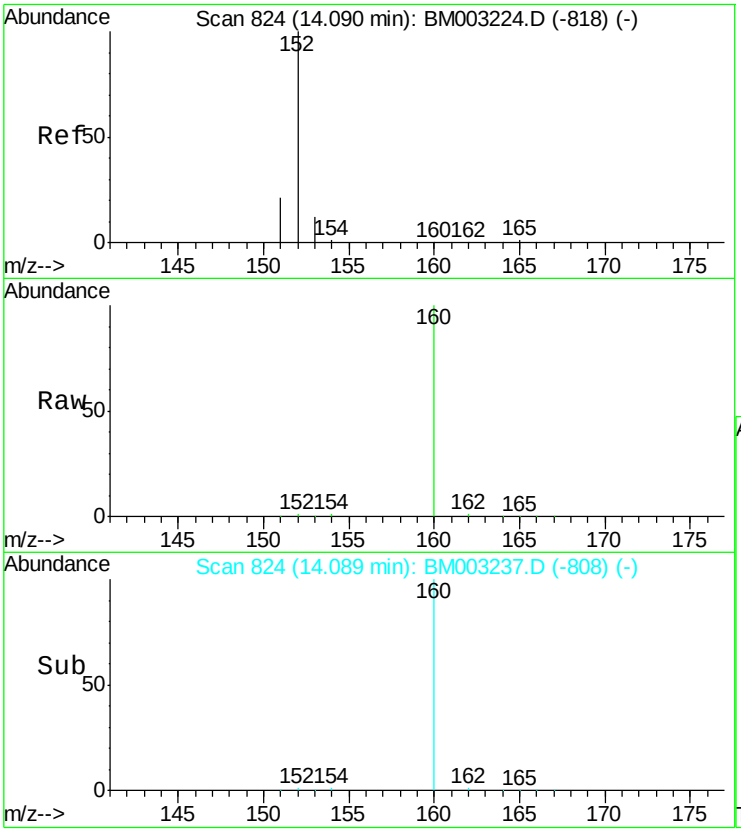


#7
2-Methylnaphthalene
Concen: 0.01 ng/ul
RT: 12.19 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Tgt Ion:142 Resp: 559

Ion	Ratio	Lower	Upper
142	100		
141	94.8	0.0	0.0#



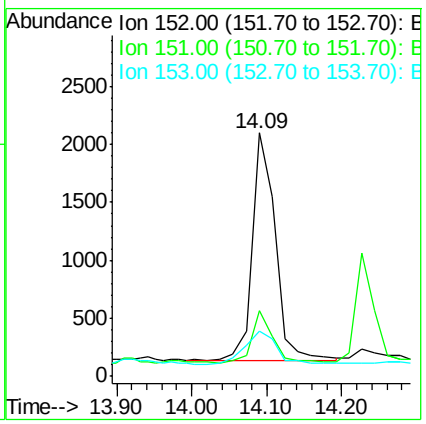


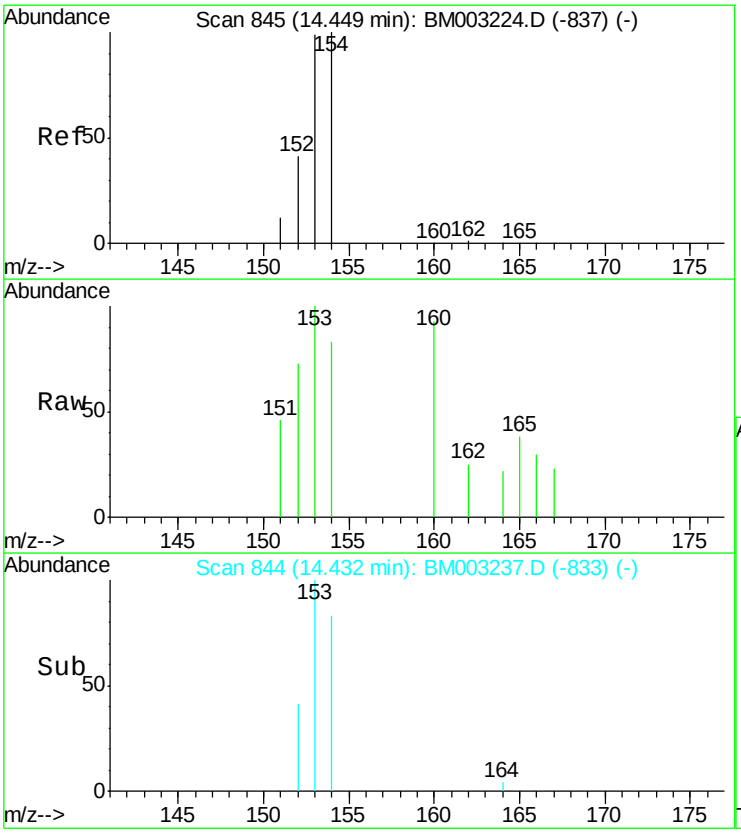
#9
Acenaphthylene
Concen: 0.04 ng/ul
RT: 14.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Instrument :
BNA_M
ClientSampleId :
A4HT0

Tgt Ion:152 Resp: 4015

Ion	Ratio	Lower	Upper
152	100		
151	26.8	17.6	26.4#
153	18.5	9.7	14.5#

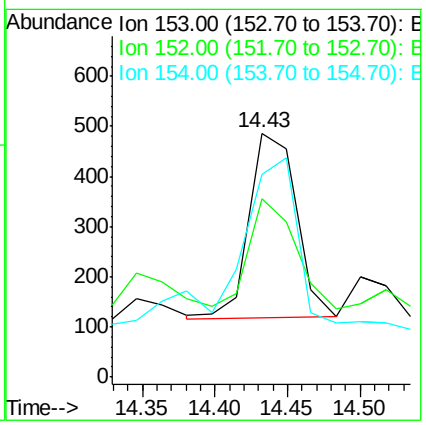


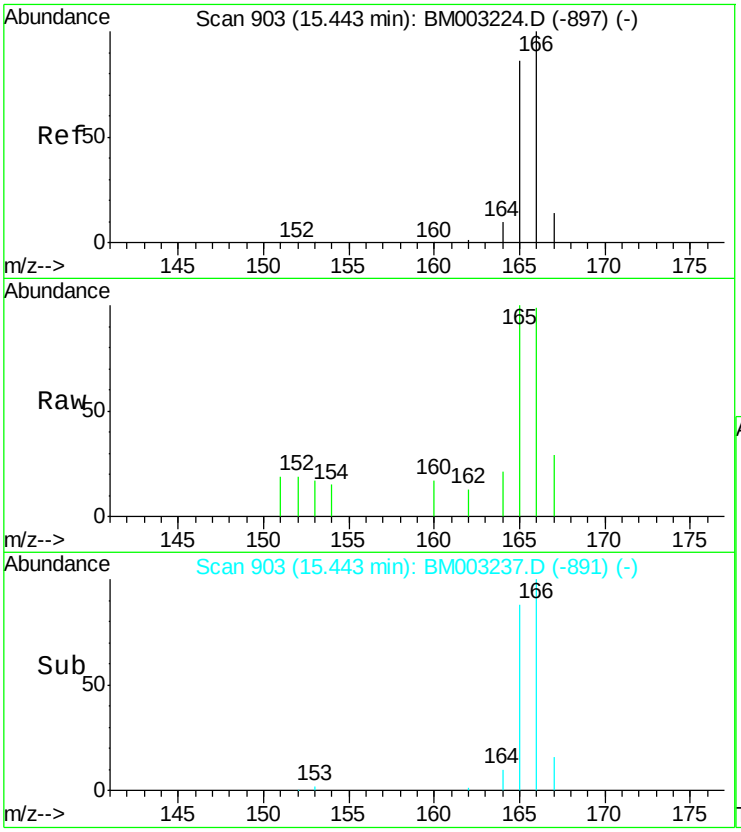


#10
Acenaphthene
Concen: 0.01 ng/ul
RT: 14.43 min Scan# 844
Delta R.T. -0.02 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Tgt Ion:153 Resp: 832

Ion	Ratio	Lower	Upper
153	100		
152	73.0	33.9	50.9#
154	82.9	80.6	121.0



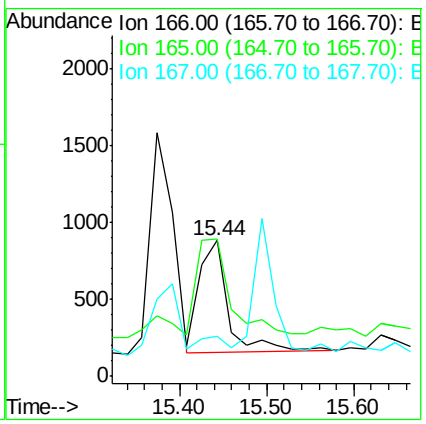


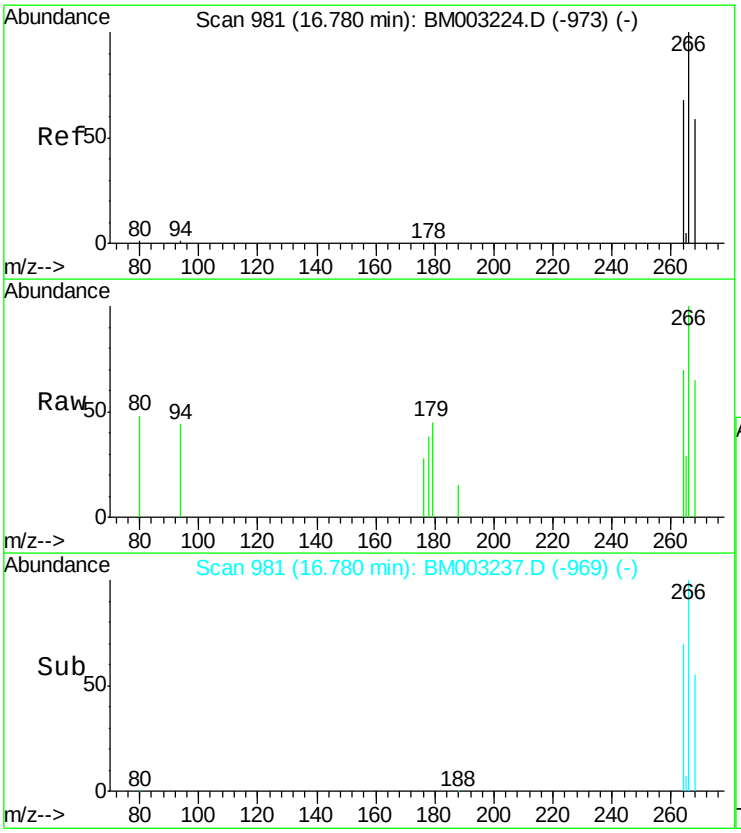
#11
Fluorene
Concen: 0.02 ng/ul
RT: 15.44 min Scan# 903
Delta R.T. -0.00 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Instrument :
BNA_M
ClientSampleId :
A4HT0

Tgt Ion:166 Resp: 1687

Ion	Ratio	Lower	Upper
166	100		
165	101.1	69.6	104.4
167	29.5	11.9	17.9#

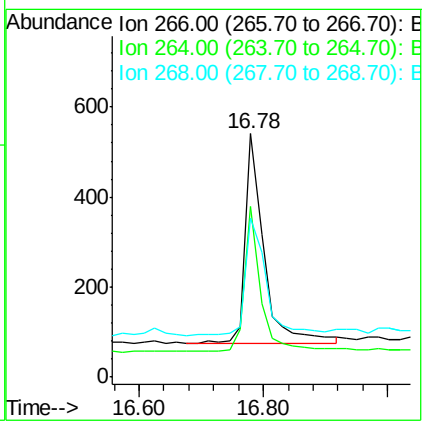


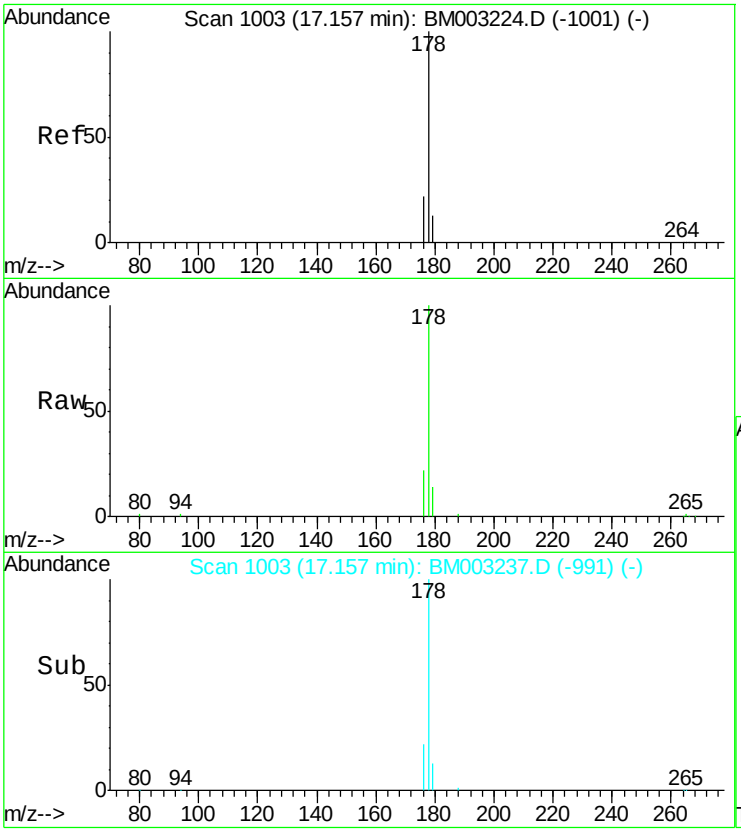


#13
Pentachlorophenol
Concen: 0.08 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Tgt Ion:266 Resp: 958

Ion	Ratio	Lower	Upper
266	100		
264	61.5	51.8	77.8
268	63.9	46.8	70.2



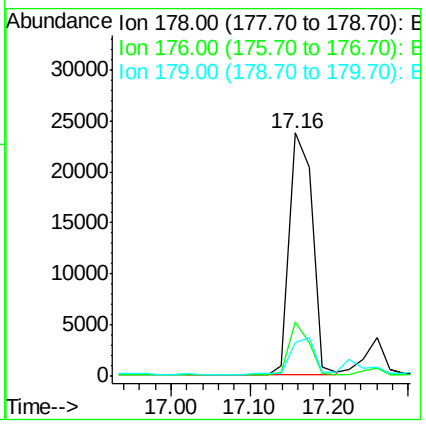


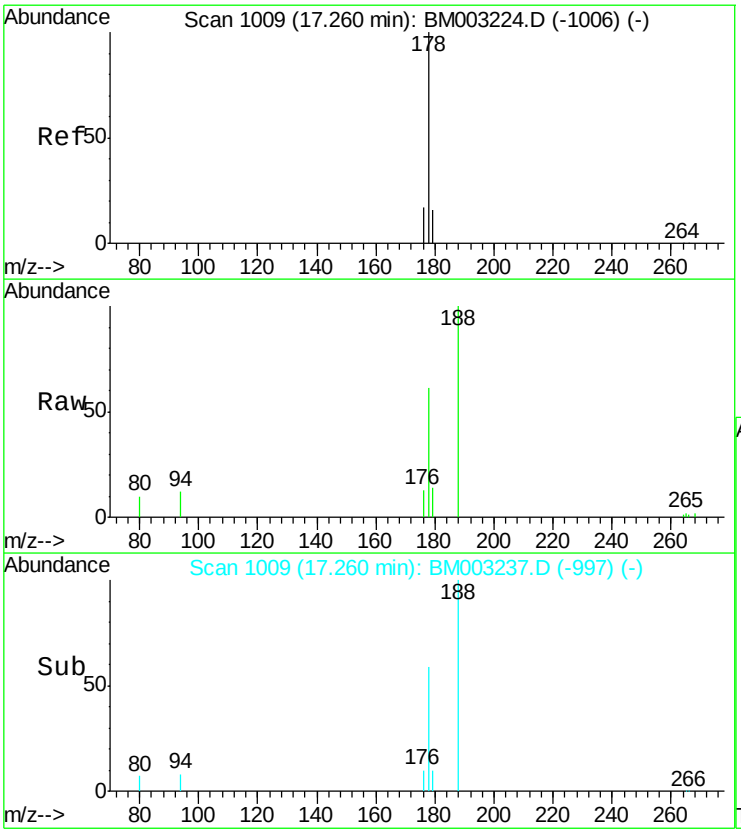
#14
Phenanthrene
Concen: 0.31 ng/ul
RT: 17.16 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Instrument :
BNA_M
ClientSampleId :
A4HT0

Tgt Ion:178 Resp: 47129

Ion	Ratio	Lower	Upper
178	100		
176	22.2	13.0	19.4#
179	14.1	14.2	21.2#

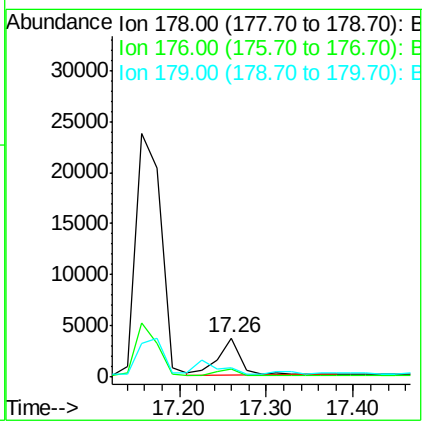


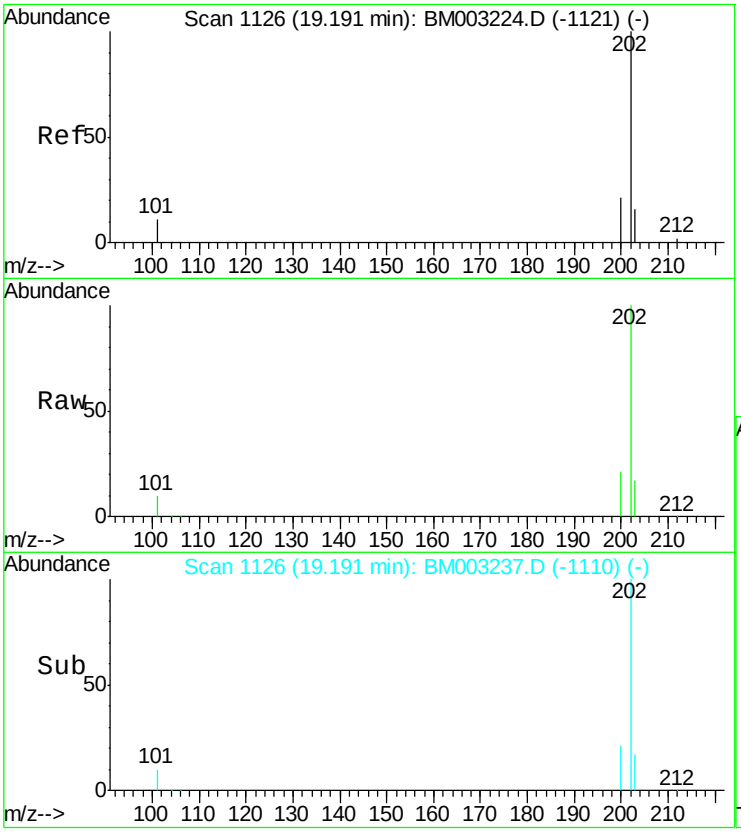


#15
Anthracene
Concen: 0.05 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Tgt Ion:178 Resp: 6560

Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.0	21.0
179	22.2	12.9	19.3#



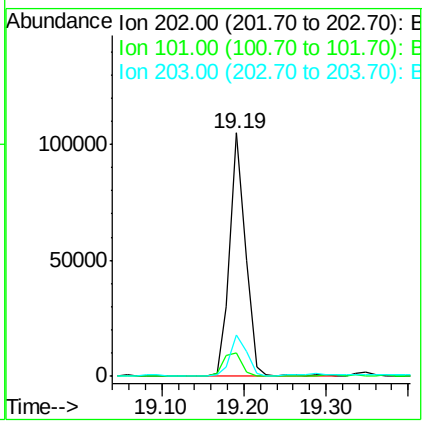


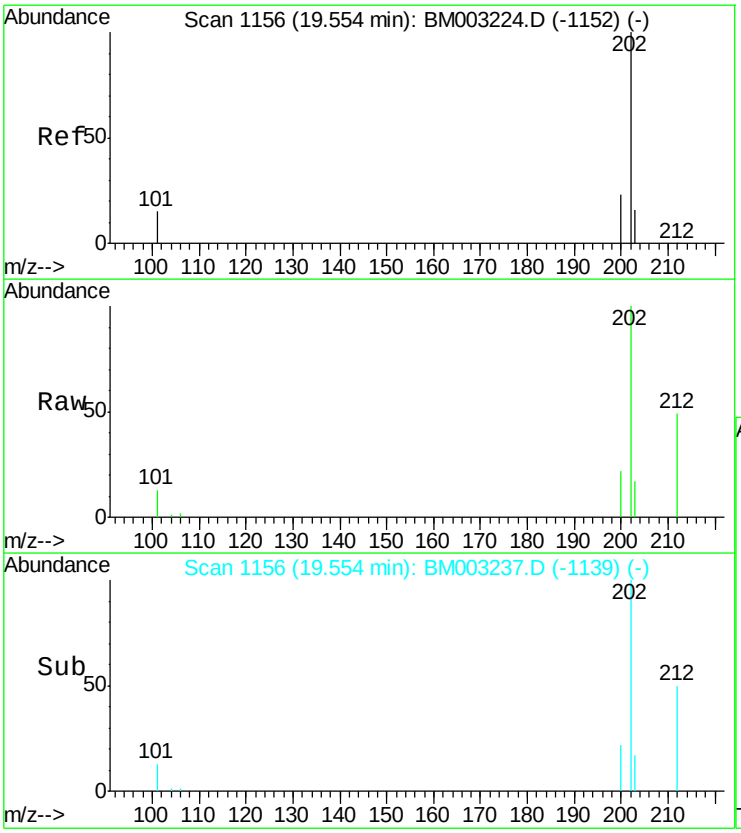
#17
Fluoranthene
Concen: 0.83 ng/ul
RT: 19.19 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Instrument :
BNA_M
ClientSampleId :
A4HT0

Tgt Ion:202 Resp: 138419

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.6
203	16.7	0.0	36.3

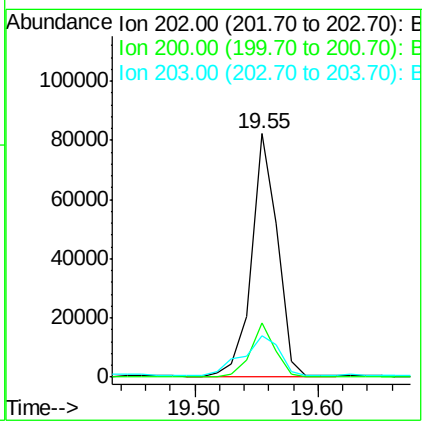


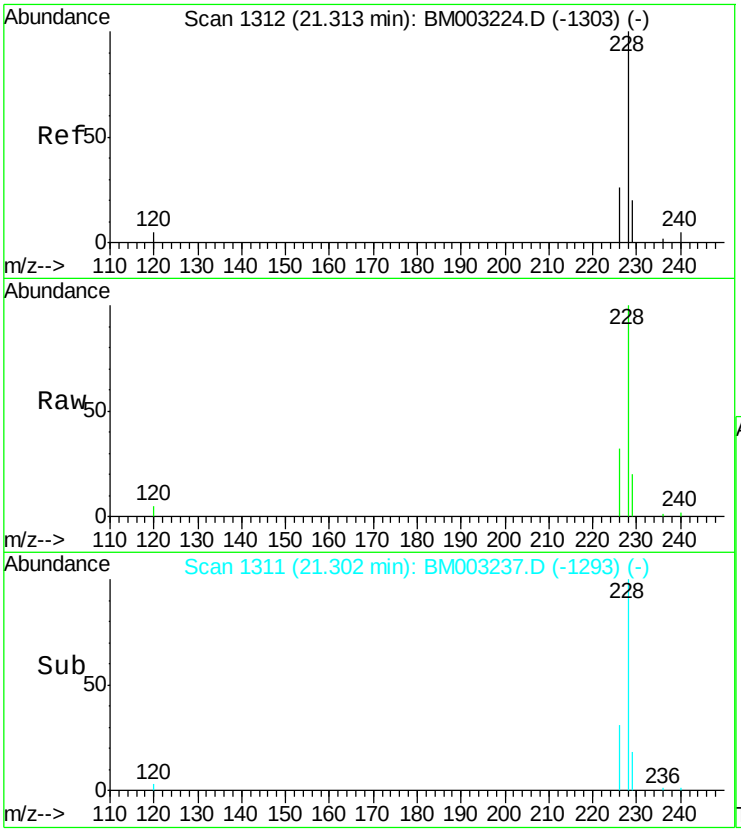


#19
Pyrene
Concen: 0.66 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Tgt Ion:202 Resp: 119698

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.8	26.8
203	17.2	12.8	19.2



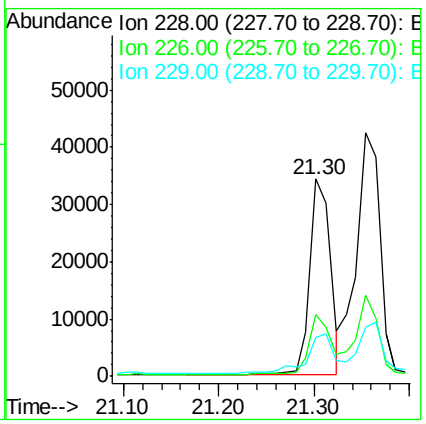


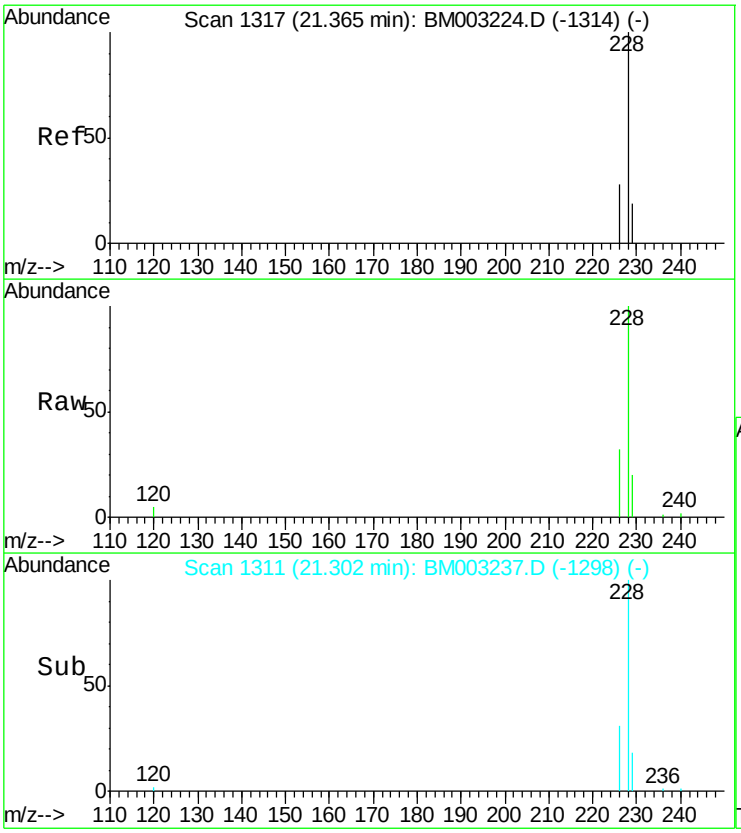
#20
Benzo(a)anthracene
Concen: 0.33 ng/ul
RT: 21.30 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Instrument :
BNA_M
ClientSampleId :
A4HT0

Tgt Ion:228 Resp: 50786

Ion	Ratio	Lower	Upper
228	100		
226	31.6	18.8	28.2#
229	19.5	17.1	25.7

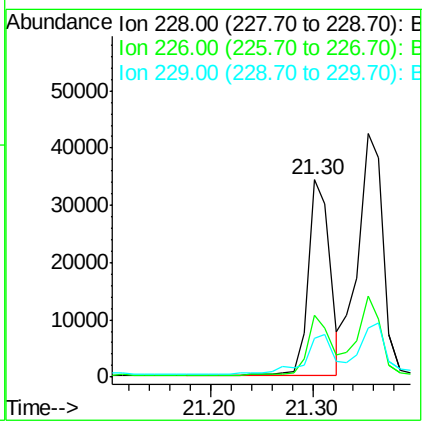


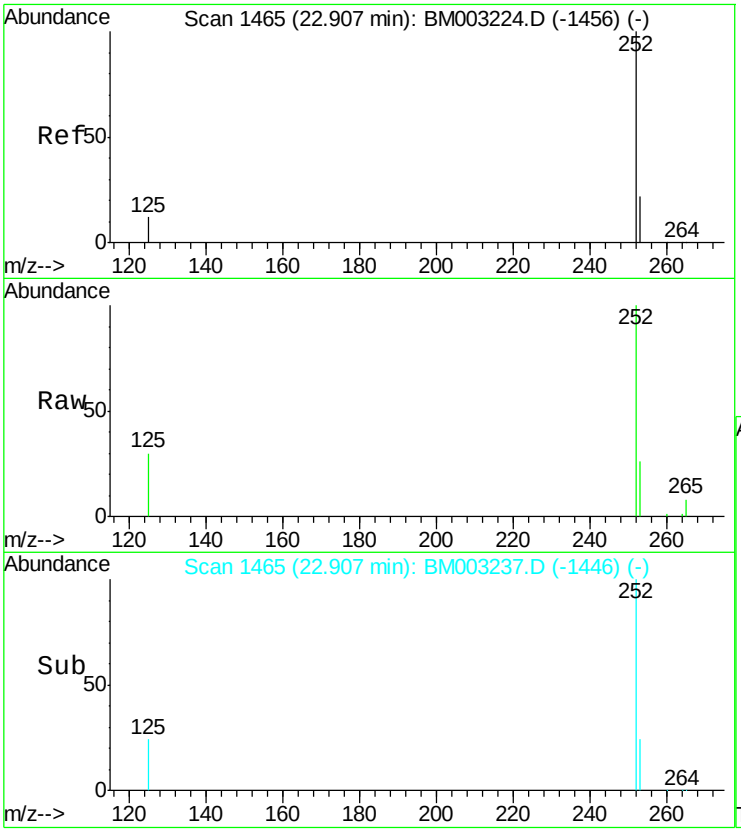


#21
Chrysene
Concen: 0.29 ng/ul
RT: 21.30 min Scan# 1311
Delta R.T. -0.06 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Tgt Ion:228 Resp: 50684

Ion	Ratio	Lower	Upper
228	100		
226	31.6	21.2	31.8
229	19.5	17.0	25.6



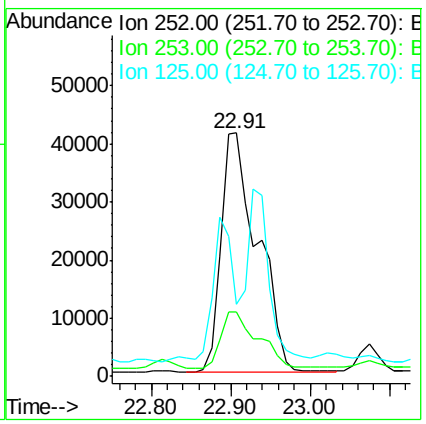


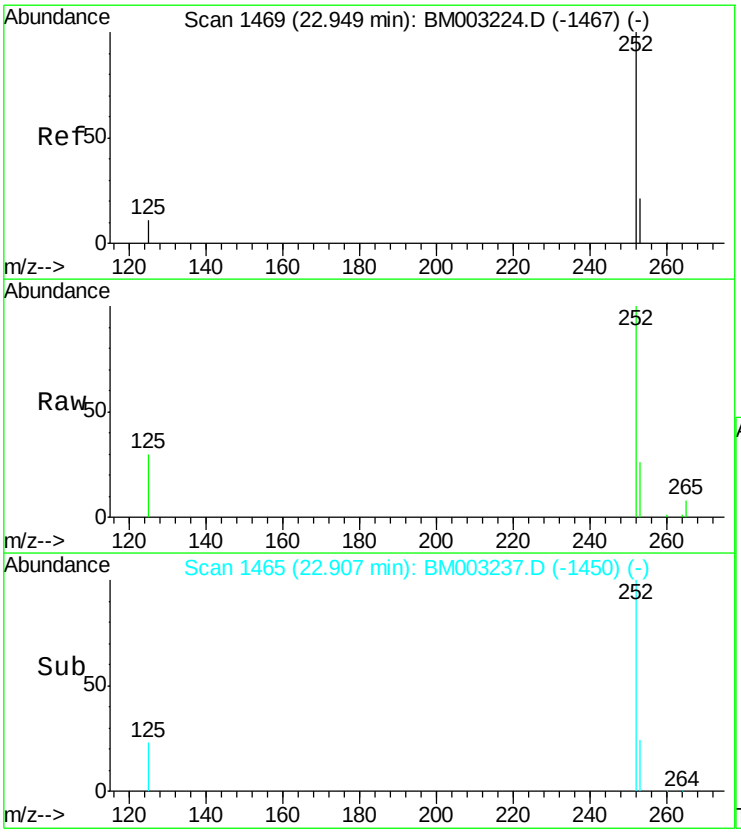
#23
Benzo(b)fluoranthene
Concen: 0.65 ng/ul
RT: 22.91 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Instrument :
BNA_M
ClientSampleId :
A4HT0

Tgt Ion:252 Resp: 131190

Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	45.4
125	29.5	0.0	28.8#

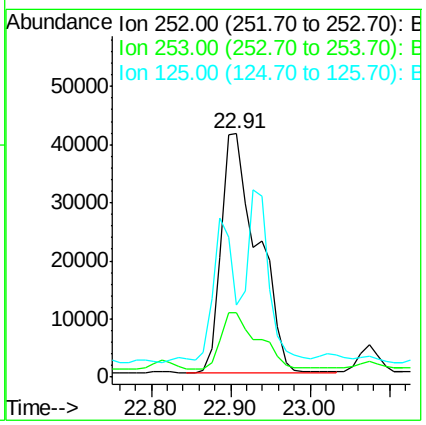


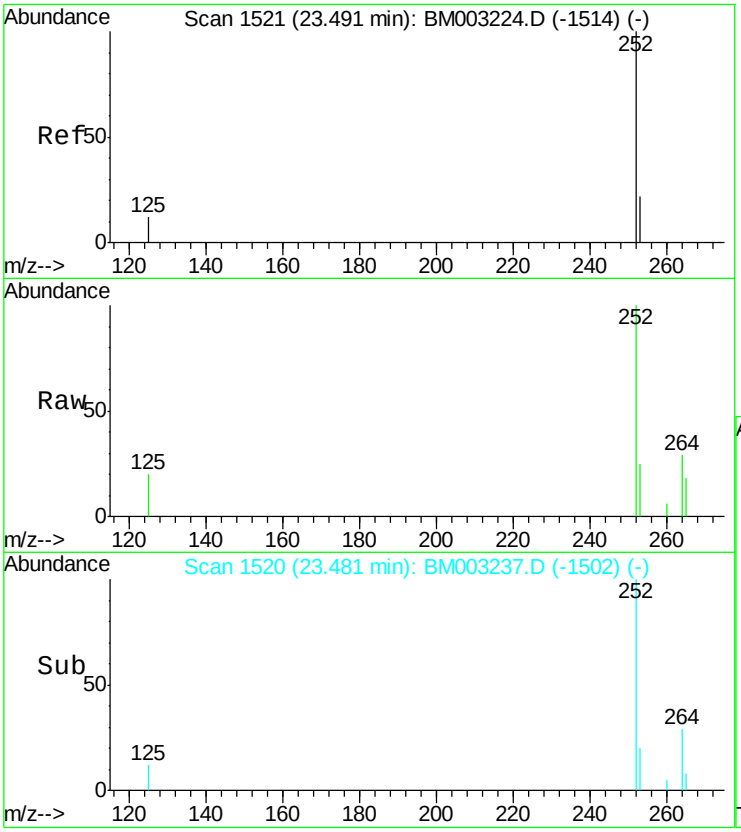


#24
Benzo(k)fluoranthene
Concen: 0.69 ng/ul
RT: 22.91 min Scan# 1465
Delta R.T. -0.04 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Tgt Ion:252 Resp: 131190

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.8	29.8
125	29.5	10.4	15.6#



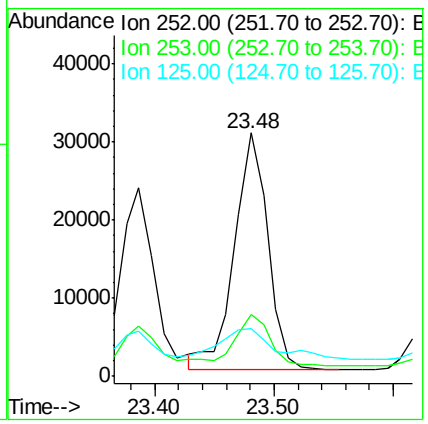


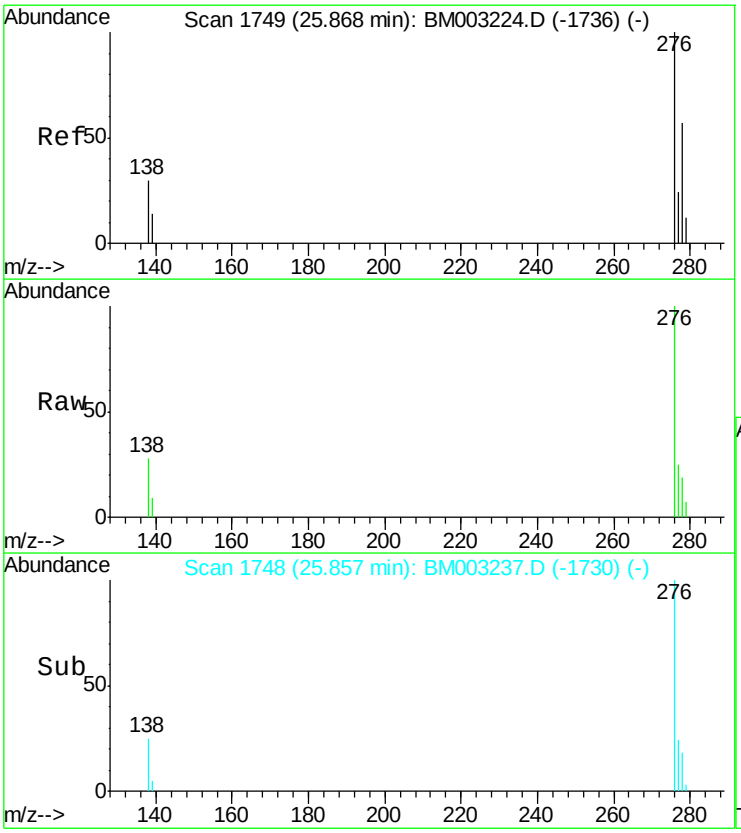
#25
Benzo(a)pyrene
Concen: 0.33 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Instrument :
BNA_M
ClientSampleId :
A4HT0

Tgt Ion:252 Resp: 58511

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.4	29.2
125	19.7	12.7	19.1#

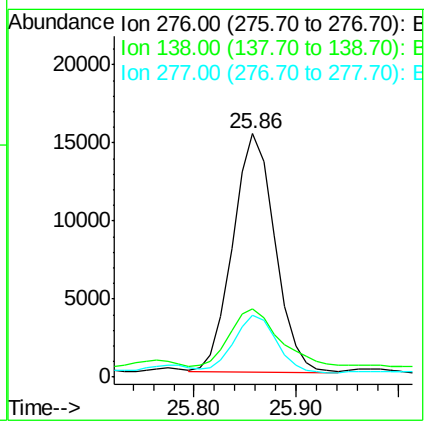


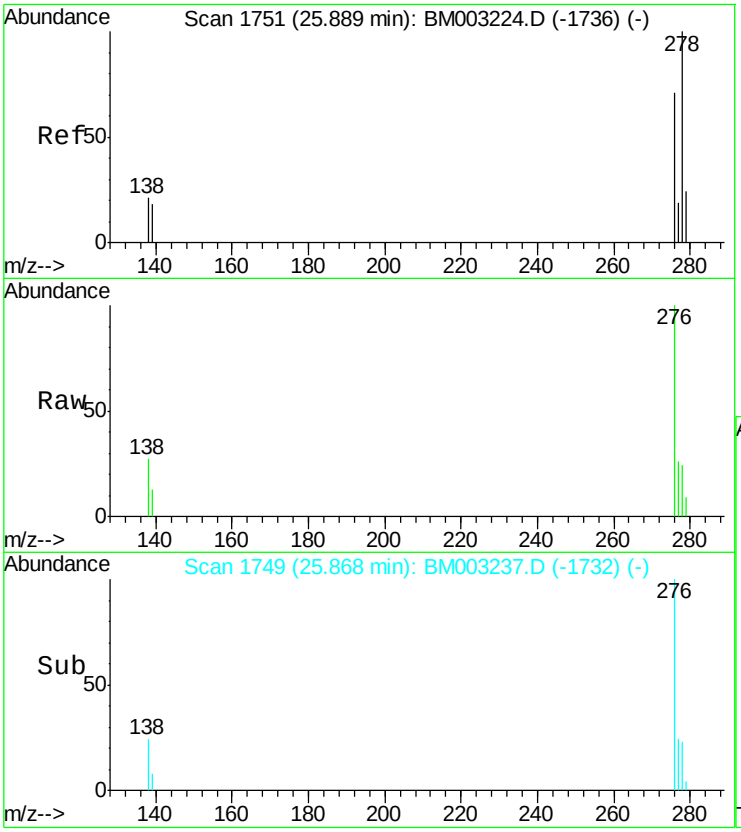


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng/ul
RT: 25.86 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Tgt Ion:276 Resp: 43725

Ion	Ratio	Lower	Upper
276	100		
138	29.3	16.3	24.5#
277	23.9	19.8	29.8



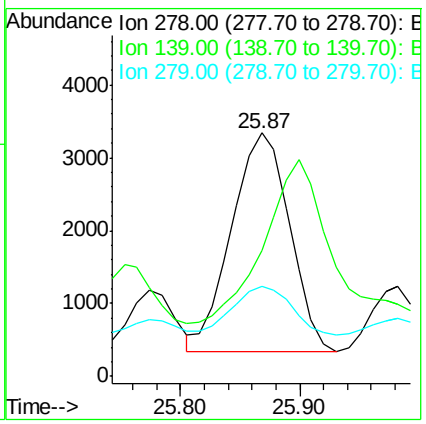


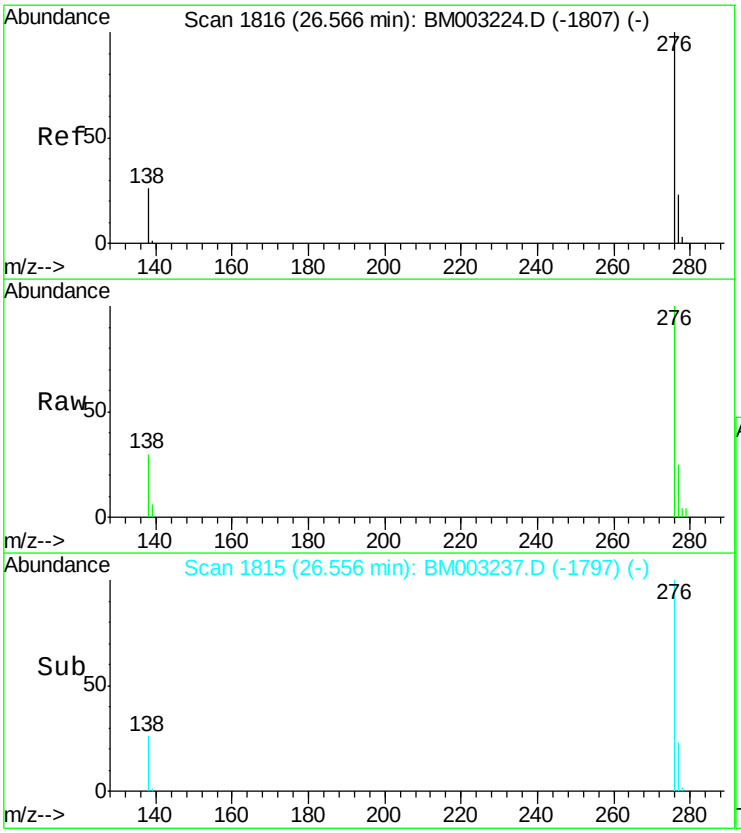
#27
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Instrument :
BNA_M
ClientSampleId :
A4HT0

Tgt Ion:278 Resp: 10125

Ion	Ratio	Lower	Upper
278	100		
139	51.9	16.4	24.6#
279	36.9	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.20 ng/ul
RT: 26.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Tgt Ion:276 Resp: 37428

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.9	28.3
138	29.6	22.5	33.7