Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003253.D
Acq On : 21 Nov 2015 17:30
Operator : UM/IZ
Sample : G4323-26DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 22 01:19:10 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 : Sun Nov 22 01:13:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	6329	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	24161	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	11840	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	24463	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	23634	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	23455	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	3629	0.54	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	824	0.03	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	1435	0.02	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.57	128	7595	0.12	ng/ul#	93
7) 2-Methylnaphthalene	12.19	142	2065	0.05	ng/ul#	100
9) Acenaphthylene	14.09	152	4816	0.10	ng/ul#	94
10) Acenaphthene	14.43	153	3419	0.08	ng/ul#	75
11) Fluorene	15.44	166	4599	0.10	ng/ul#	97
13) Pentachlorophenol	16.78	266	325	0.06	ng/ul#	89
14) Phenanthrene	17.26	178	13043	0.18	ng/ul	97
15) Anthracene	17.26	178	15013	0.25	ng/ul	97
17) Fluoranthene	19.19	202	104162	1.32	ng/ul	99
19) Pyrene	19.55	202	101172	1.25	ng/ul	100
20) Benzo(a)anthracene	21.31	228	46815	0.68	ng/ul	96
21) Chrysene	21.36	228	47968	0.62	ng/ul	98
23) Benzo(b)fluoranthene	22.91	252	81597	0.92	ng/ul	95
24) Benzo(k)fluoranthene	22.91	252	81597	0.97	ng/ul#	96
25) Benzo(a)pyrene	23.48	252	41672	0.53	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.86	276	27824	0.29	ng/ul#	94
27) Dibenzo(a,h)anthracene	25.87	278	6740	0.09	ng/ul#	74
28) Benzo(g,h,i)perylene	26.57	276	25541	0.31	ng/ul	99

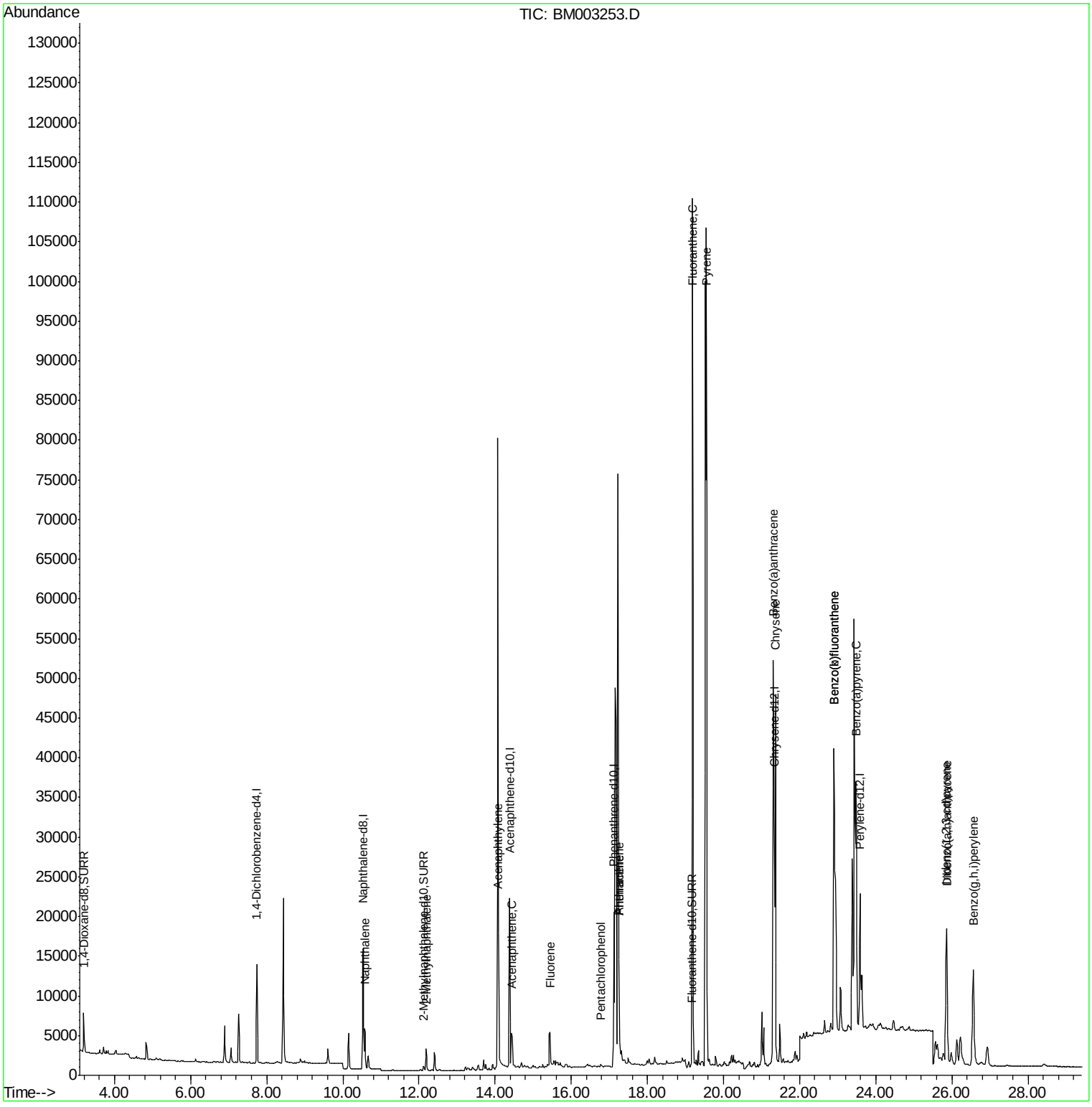
(#) = qualifier out of range (m) = manual integration (+) = signals summed

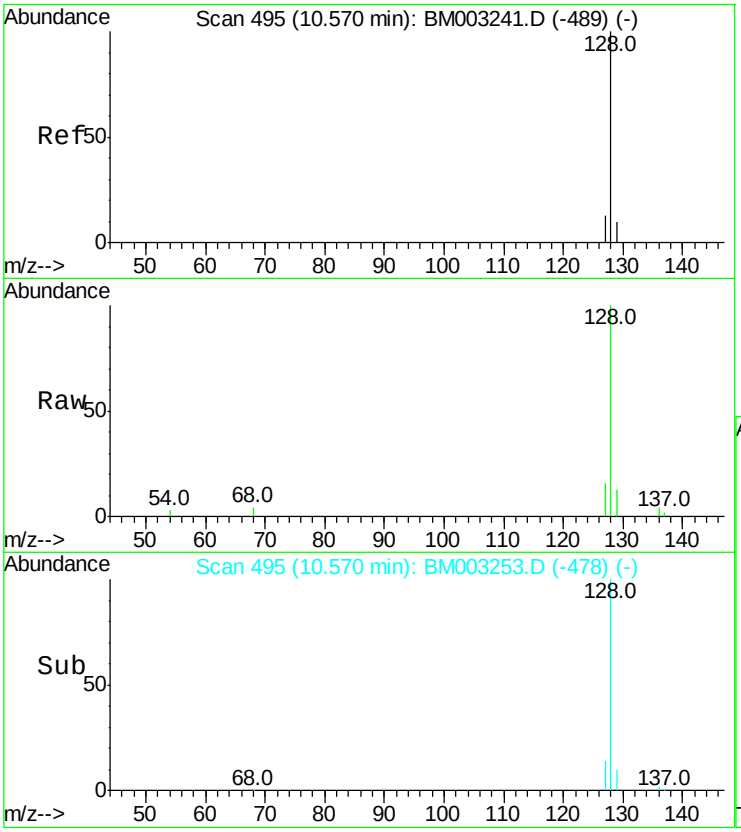
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003253.D
Acq On : 21 Nov 2015 17:30
Operator : UM/IZ
Sample : G4323-26DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 22 01:19:10 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 : Sun Nov 22 01:13:23 2015
Response via : Initial Calibration



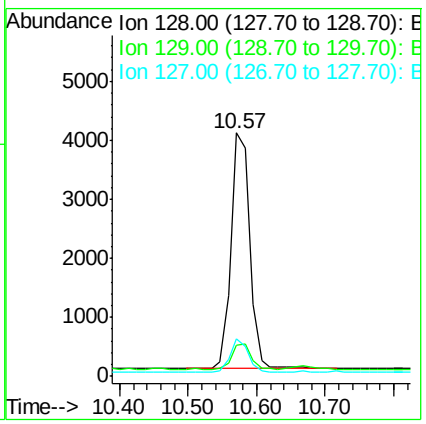


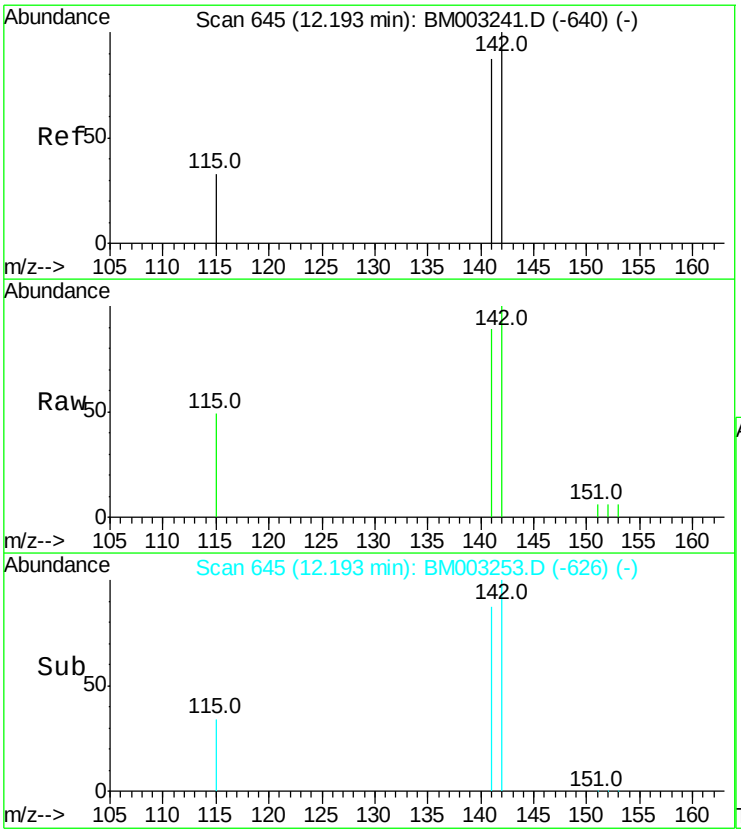
#5
Naphthalene
Concen: 0.12 ng/ul
RT: 10.57 min Scan# 495
Delta R.T. -0.00 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 7595

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.0	13.6
127	15.5	9.6	14.4#

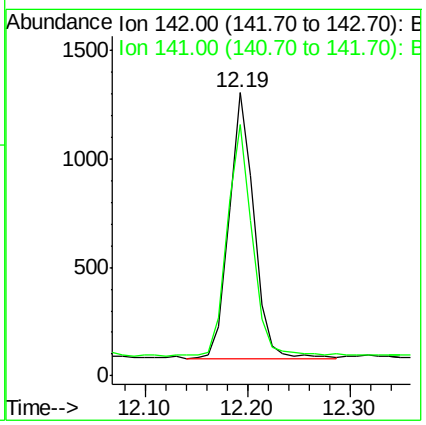


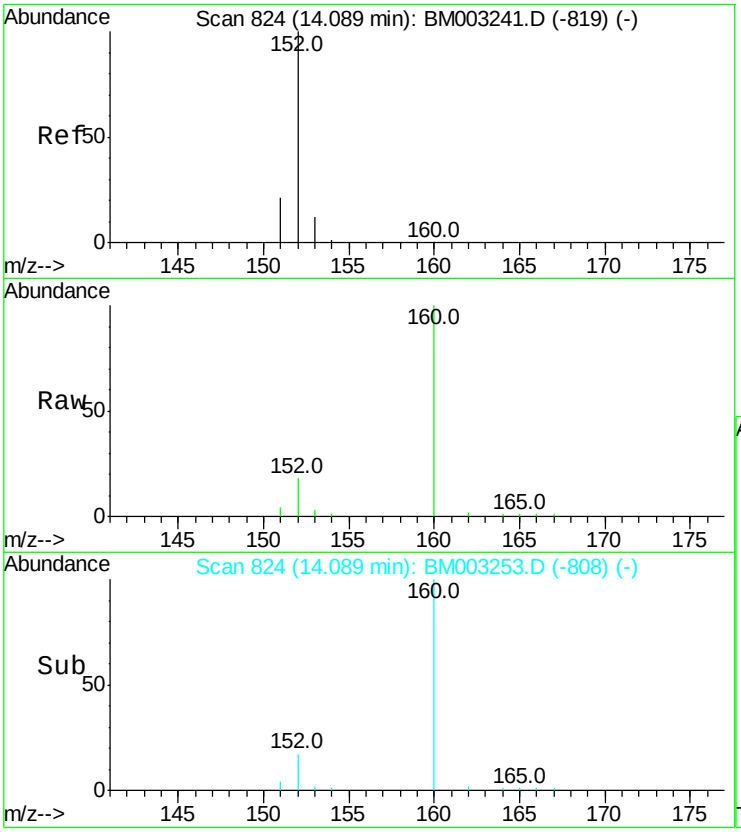


#7
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.19 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Tgt Ion:142 Resp: 2065

Ion	Ratio	Lower	Upper
142	100		
141	87.1	0.0	0.0#



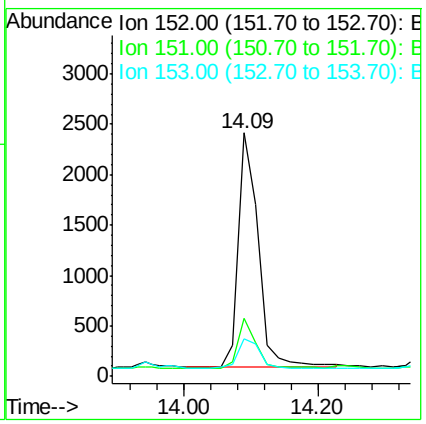


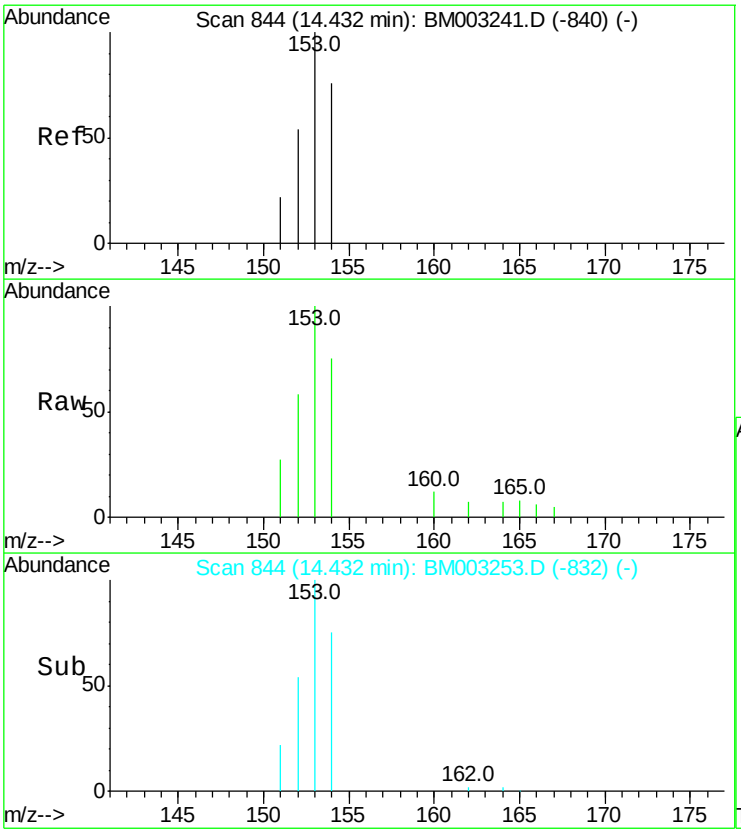
#9
Acenaphthylene
Concen: 0.10 ng/ul
RT: 14.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 4816

Ion	Ratio	Lower	Upper
152	100		
151	24.1	17.6	26.4
153	15.7	9.7	14.5#

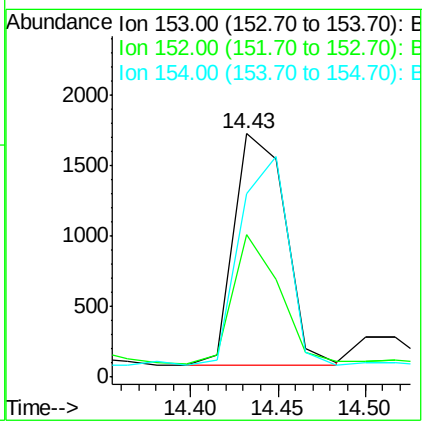


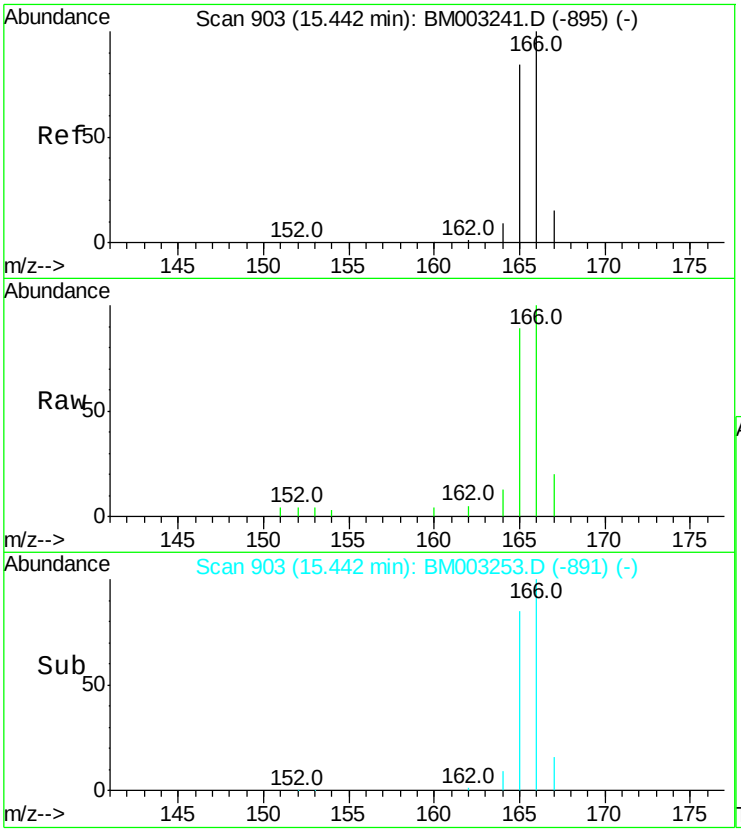


#10
Acenaphthene
Concen: 0.08 ng/ul
RT: 14.43 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Tgt Ion:153 Resp: 3419

Ion	Ratio	Lower	Upper
153	100		
152	58.3	33.9	50.9#
154	75.4	80.6	121.0#



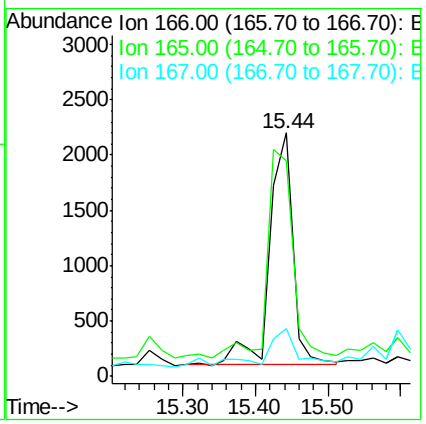


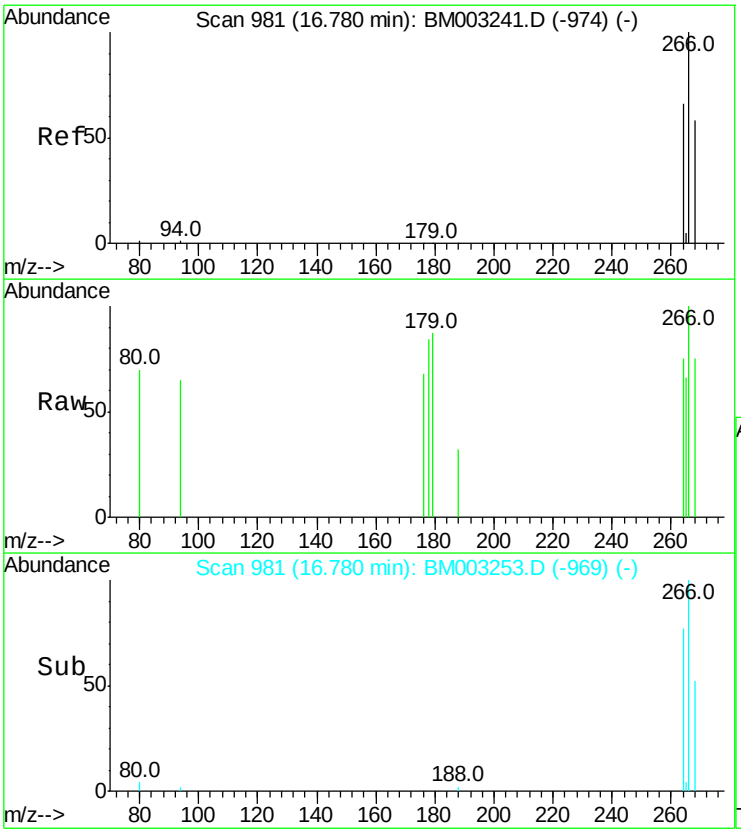
#11
Fluorene
Concen: 0.10 ng/ul
RT: 15.44 min Scan# 903
Delta R.T. -0.00 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 4599

Ion	Ratio	Lower	Upper
166	100		
165	88.5	69.6	104.4
167	19.5	11.9	17.9#

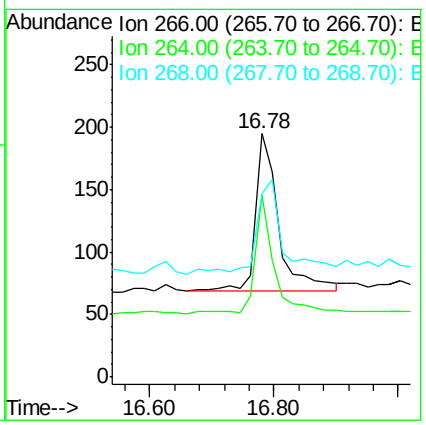


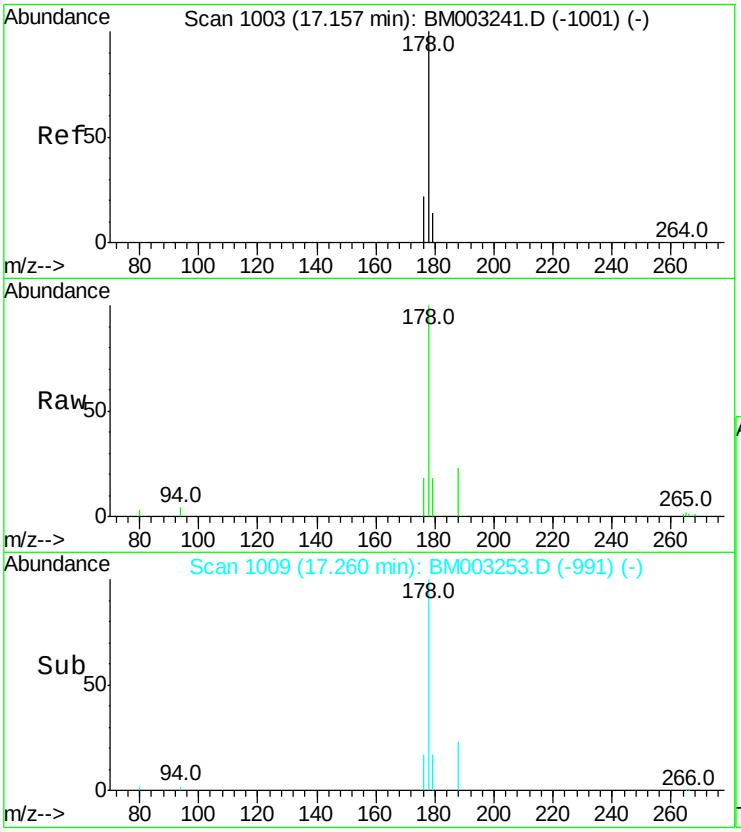


#13
Pentachlorophenol
Concen: 0.06 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Tgt Ion:266 Resp: 325

Ion	Ratio	Lower	Upper
266	100		
264	67.4	51.8	77.8
268	73.2	46.8	70.2#



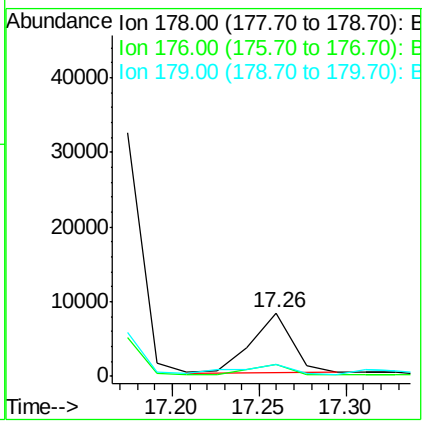


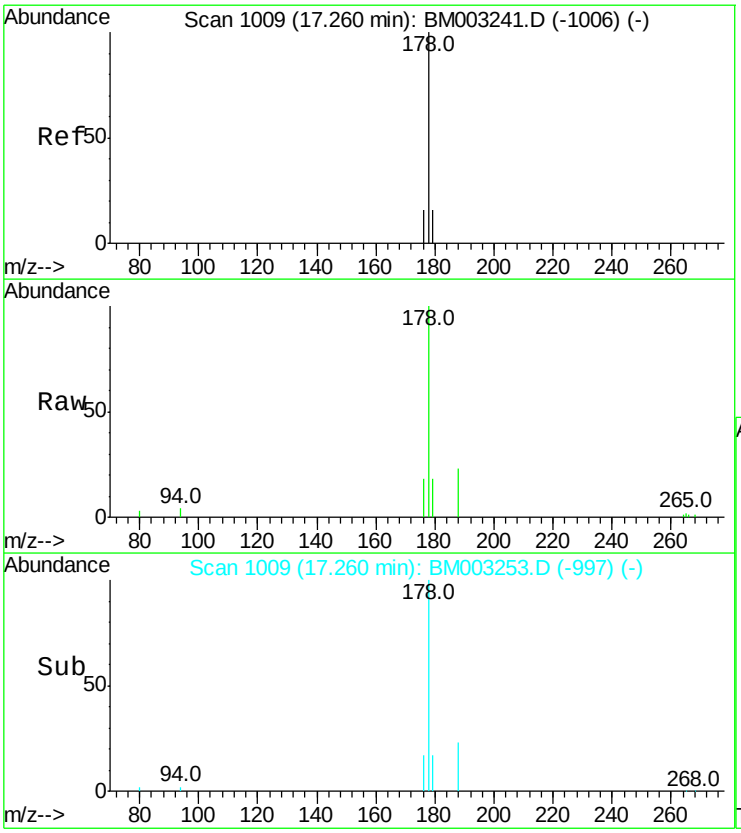
#14
Phenanthrene
Concen: 0.18 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. 0.10 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 13043

Ion	Ratio	Lower	Upper
178	100		
176	18.1	13.0	19.4
179	18.2	14.2	21.2

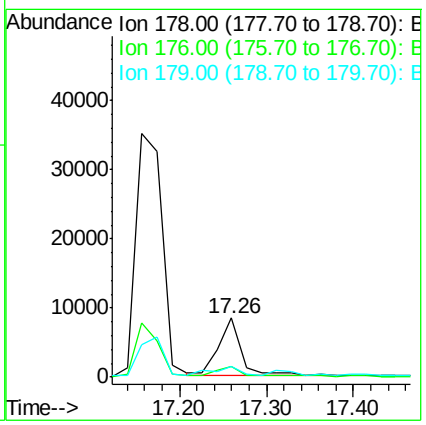


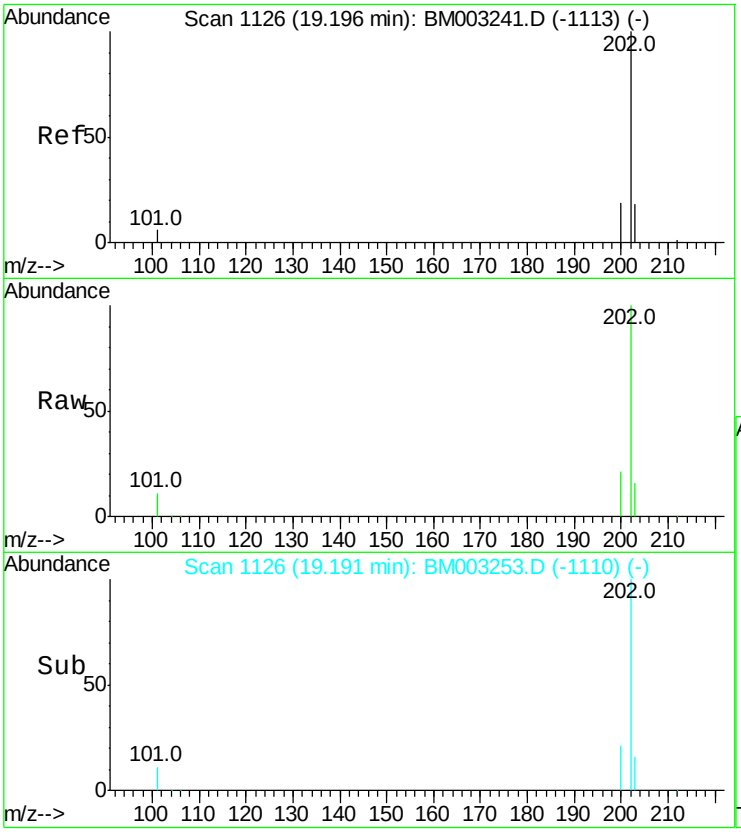


#15
Anthracene
Concen: 0.25 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Tgt Ion:178 Resp: 15013

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.0	21.0
179	18.2	12.9	19.3



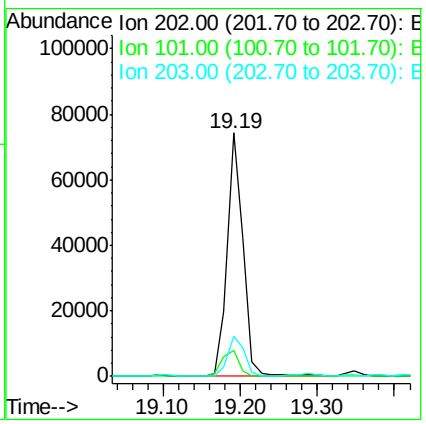


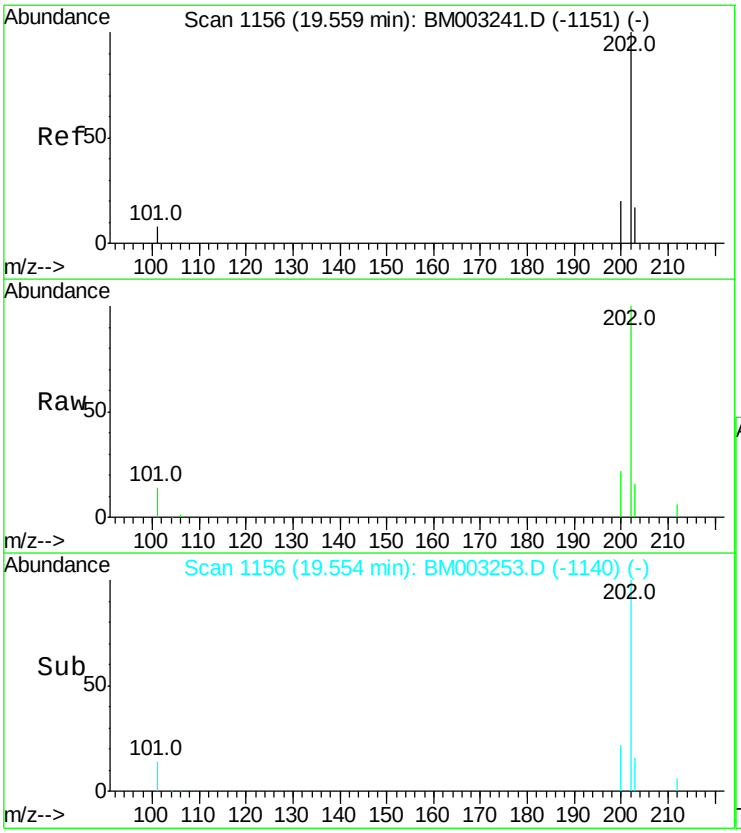
#17
Fluoranthene
Concen: 1.32 ng/ul
RT: 19.19 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 104162

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	29.6
203	16.3	0.0	36.3

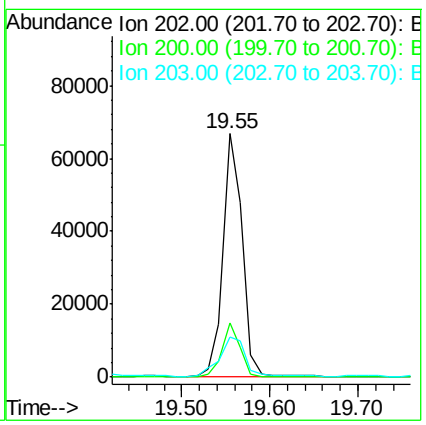


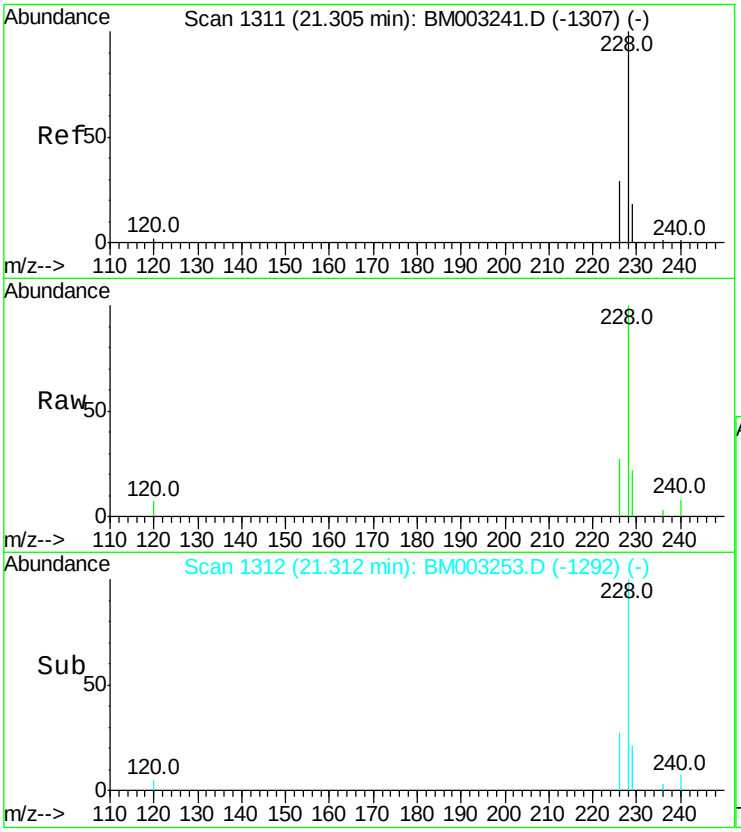


#19
Pyrene
Concen: 1.25 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Tgt Ion:202 Resp: 101172

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.8
203	16.3	12.8	19.2



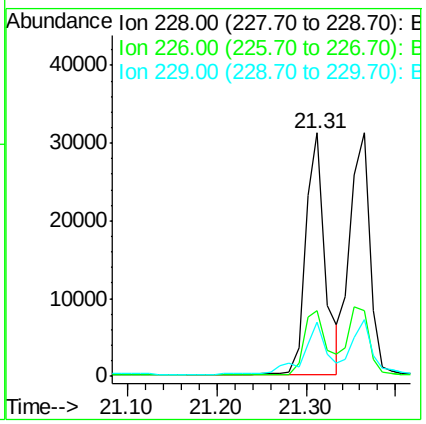


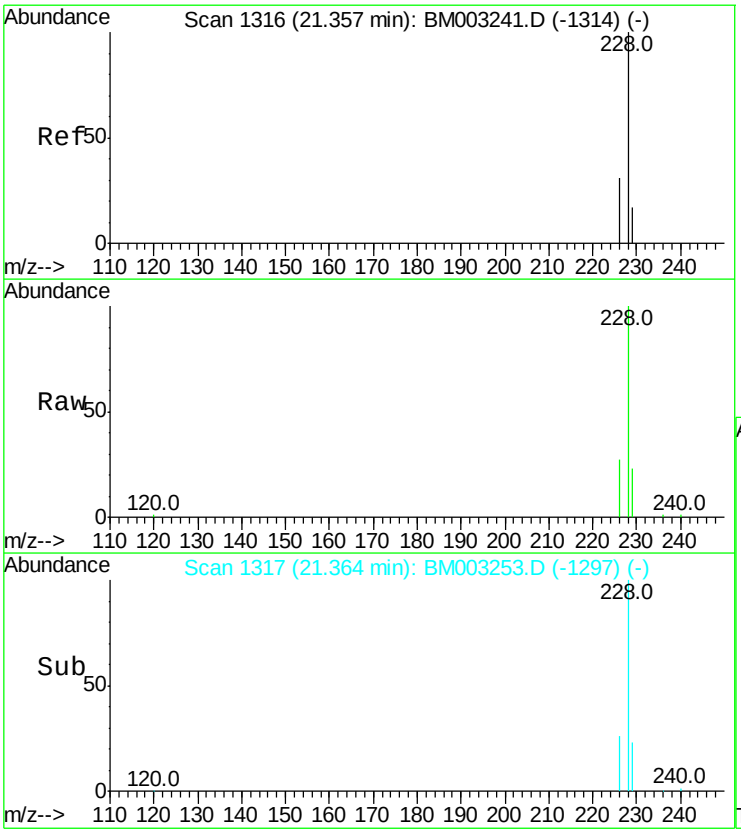
#20
Benzo(a)anthracene
Concen: 0.68 ng/ul
RT: 21.31 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 46815

Ion	Ratio	Lower	Upper
228	100		
226	27.1	18.8	28.2
229	22.0	17.1	25.7

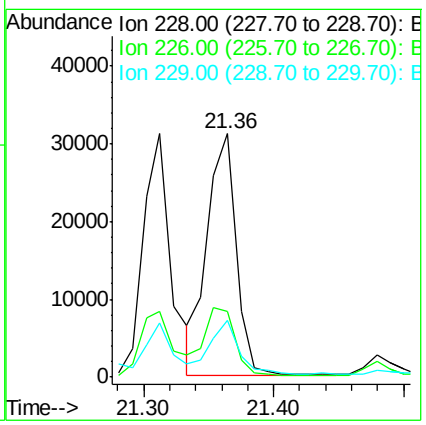


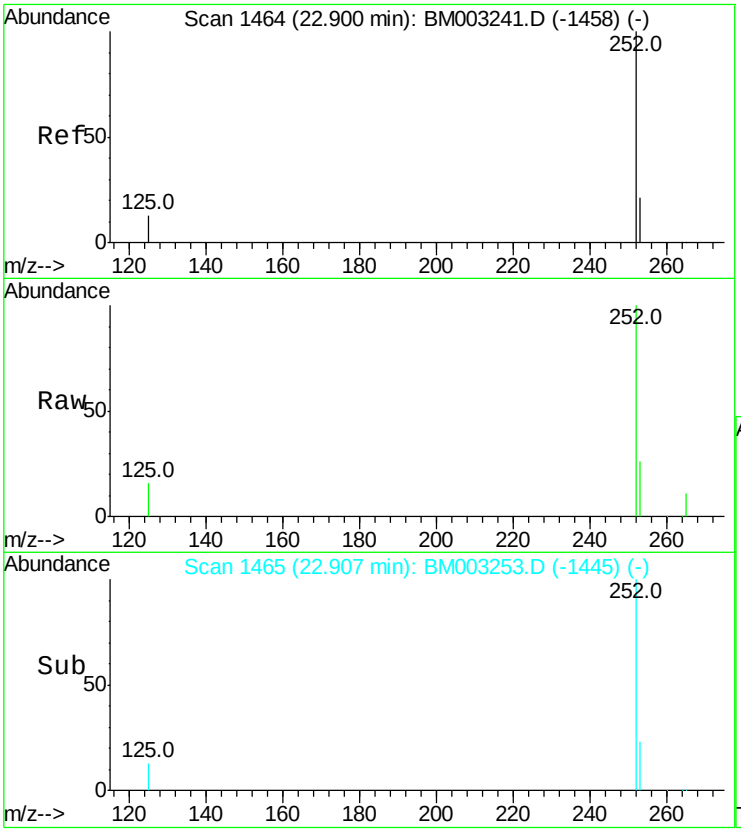


#21
Chrysene
Concen: 0.62 ng/ul
RT: 21.36 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Tgt Ion:228 Resp: 47968

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.2	31.8
229	23.5	17.0	25.6



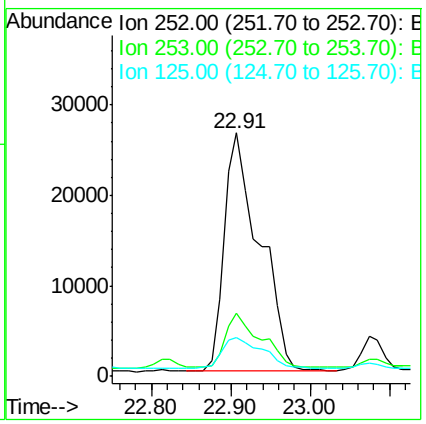


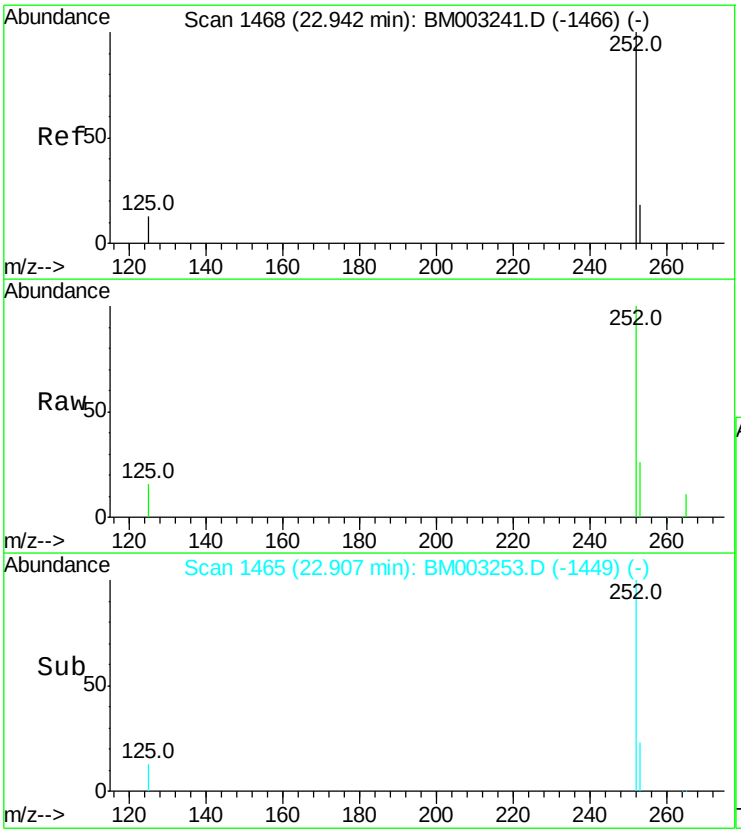
#23
Benzo(b)fluoranthene
Concen: 0.92 ng/ul
RT: 22.91 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 81597

Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	45.4
125	15.8	0.0	28.8

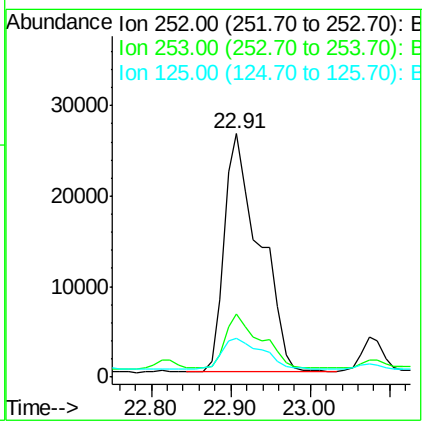


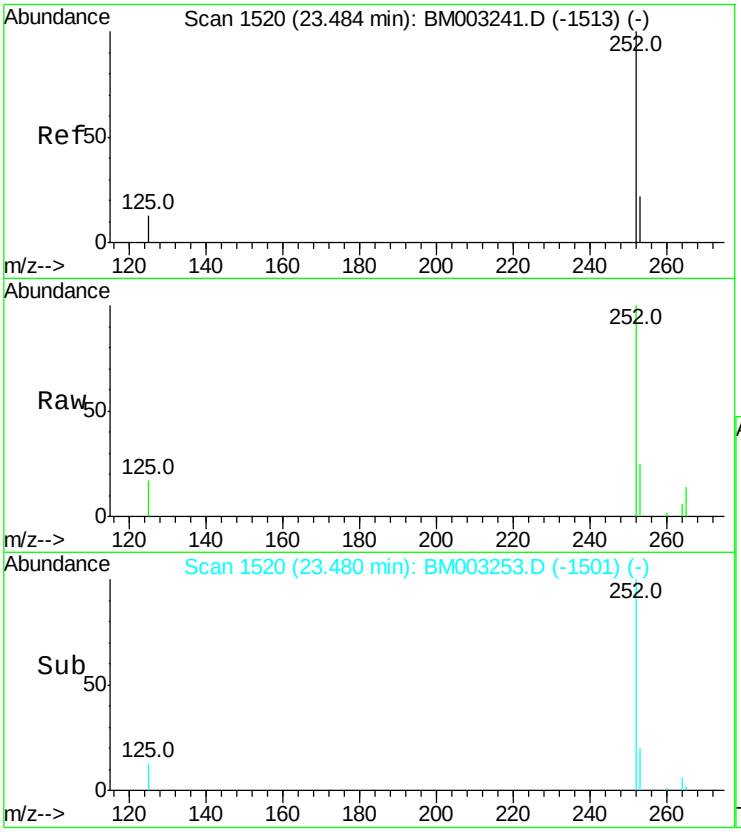


#24
Benzo(k)fluoranthene
Concen: 0.97 ng/ul
RT: 22.91 min Scan# 1465
Delta R.T. -0.03 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Tgt Ion:252 Resp: 81597

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.8	29.8
125	15.8	10.4	15.6#



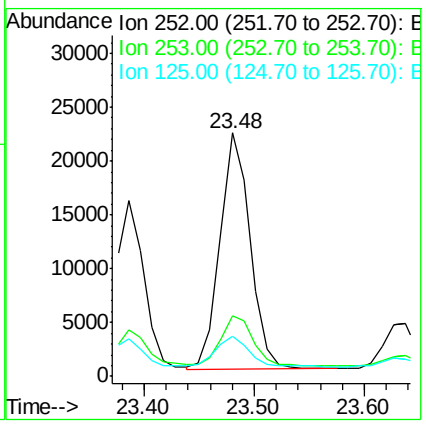


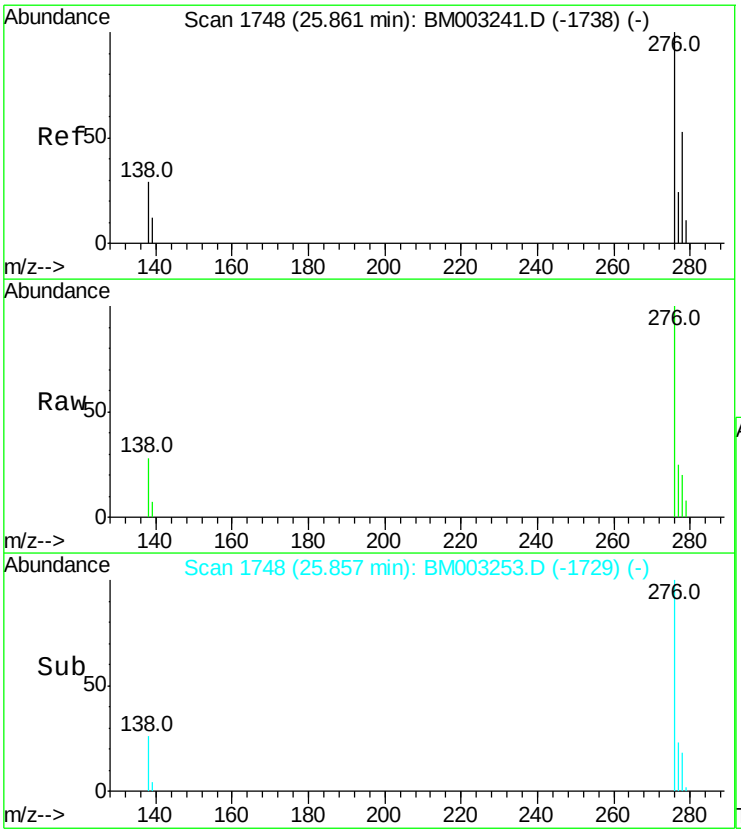
#25
Benzo(a)pyrene
Concen: 0.53 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 41672

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.4	29.2
125	16.7	12.7	19.1

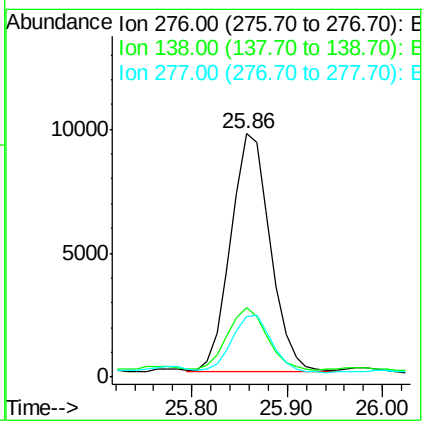


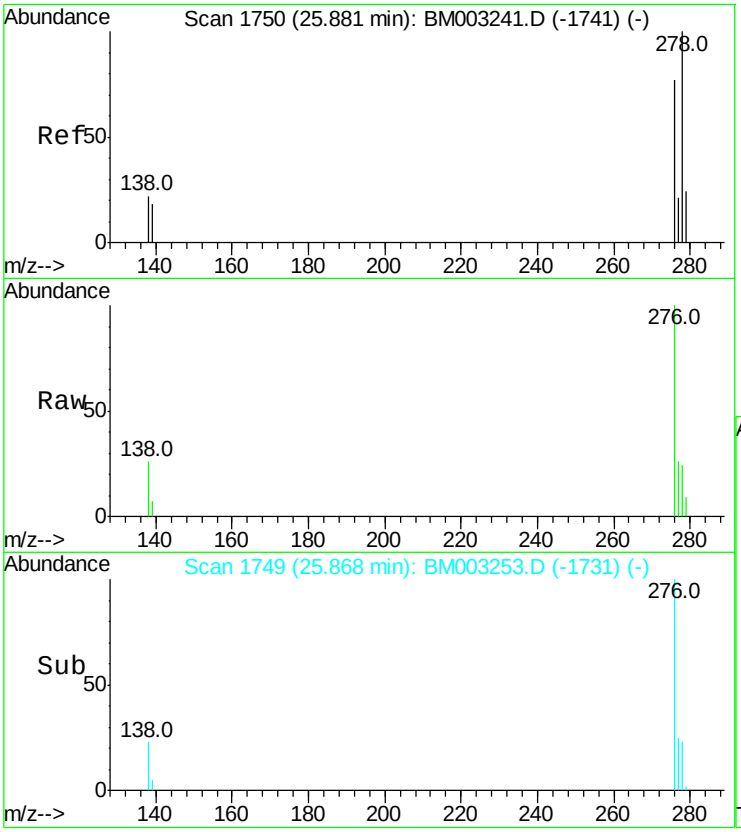


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.29 ng/ul
RT: 25.86 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Tgt Ion:276 Resp: 27824

Ion	Ratio	Lower	Upper
276	100		
138	25.5	16.3	24.5#
277	24.2	19.8	29.8



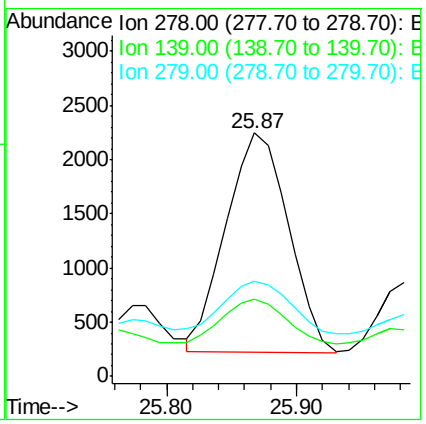


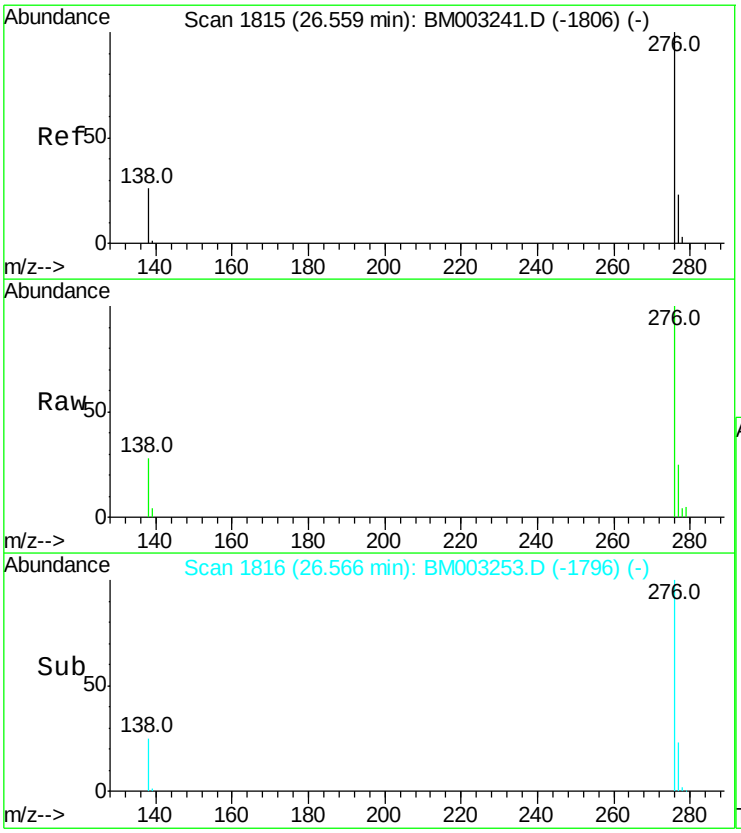
#27
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 6740

Ion	Ratio	Lower	Upper
278	100		
139	31.5	16.4	24.6#
279	38.9	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.31 ng/ul
RT: 26.57 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BM003253.D
Acq: 21 Nov 2015 17:30

Tgt Ion:276 Resp: 25541

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.9	28.3
138	27.9	22.5	33.7