Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
Data File : BM003856.D
Acq On : 29 Dec 2015 19:21
Operator : SJ/UM
Sample : G4848-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9N58

Quant Time: Dec 30 03:33:39 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 30 03:30:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	5049	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	22066	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	13096	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.18	188	1575215	0.40	ng/ul	0.10
18) Chrysene-d12	21.28	240	22520	0.40	ng/ul	0.00
22) Perylene-d12	23.38	264	1132252	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	22367	10.36	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	8632	0.33	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	21508	0.01	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.17	88	167	0.06	ng/ul#	1
5) Naphthalene	10.51	128	39547	0.80	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	5264	0.16	ng/ul	98
9) Acenaphthylene	14.04	152	985	0.02	ng/ul#	81
10) Acenaphthene	14.38	153	8793	0.22	ng/ul#	81
11) Fluorene	15.38	166	16825	0.38	ng/ul#	75
13) Pentachlorophenol	16.75	266	319	0.00	ng/ul	93
14) Phenanthrene	17.21	178	10119	0.00	ng/ul	96
15) Anthracene	17.21	178	10089	0.00	ng/ul	96
17) Fluoranthene	19.14	202	67396	0.02	ng/ul	99
19) Pyrene	19.51	202	49776	0.82	ng/ul	99
20) Benzo(a)anthracene	21.26	228	7831	0.14	ng/ul#	94
21) Chrysene	21.26	228	7804	0.12	ng/ul	97
23) Benzo(b)fluoranthene	22.85	252	2920	0.00	ng/ul	64
24) Benzo(k)fluoranthene	22.85	252	4852	0.00	ng/ul#	66
25) Benzo(a)pyrene	23.33	252	1548	0.00	ng/ul#	26
26) Indeno(1,2,3-cd)pyrene	25.54	276	953	0.00	ng/ul#	30
27) Dibenzo(a,h)anthracene	25.68	278	1097	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.31	276	36	0.00	ng/ul#	1

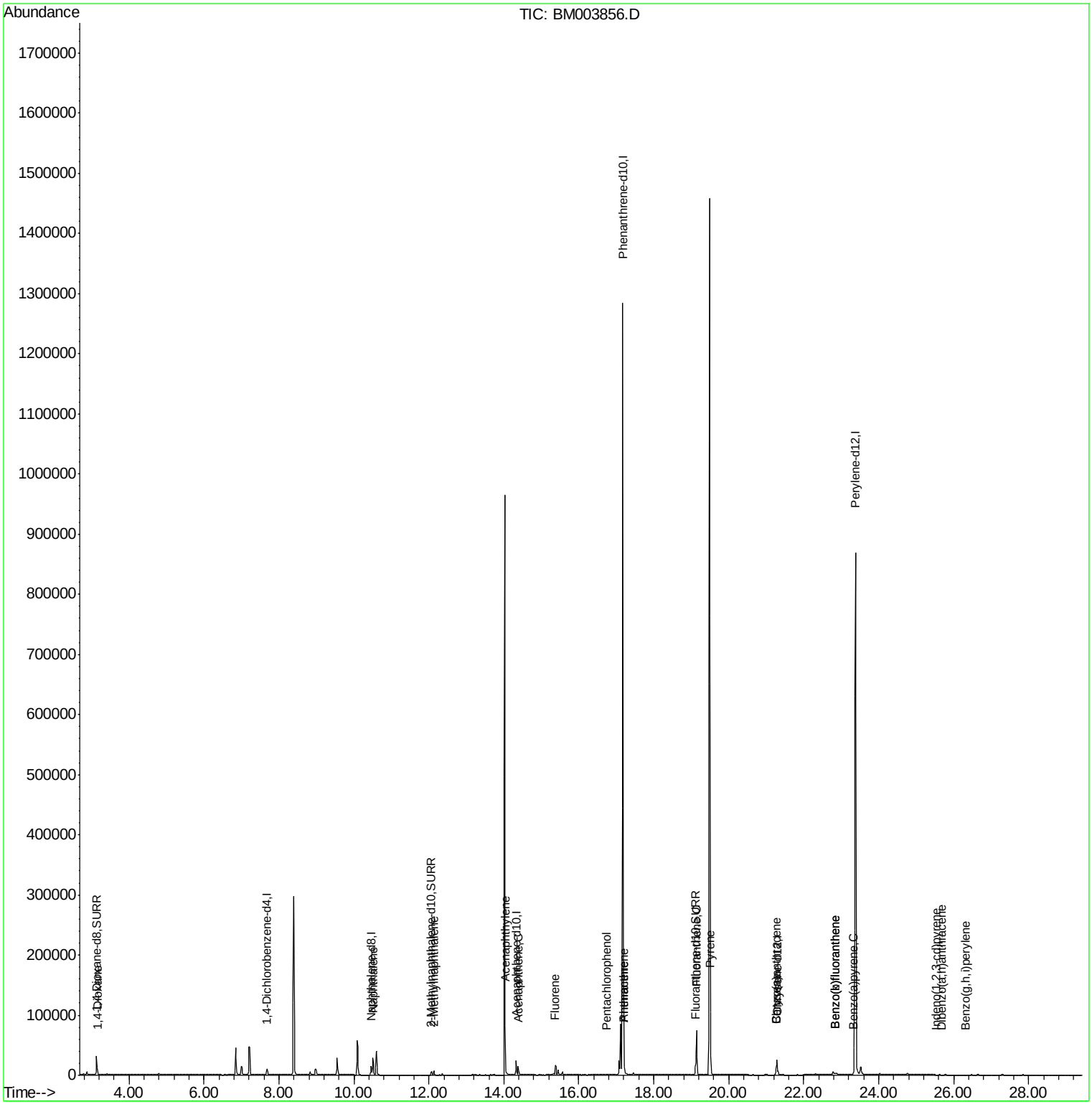
(#) = qualifier out of range (m) = manual integration (+) = signals summed

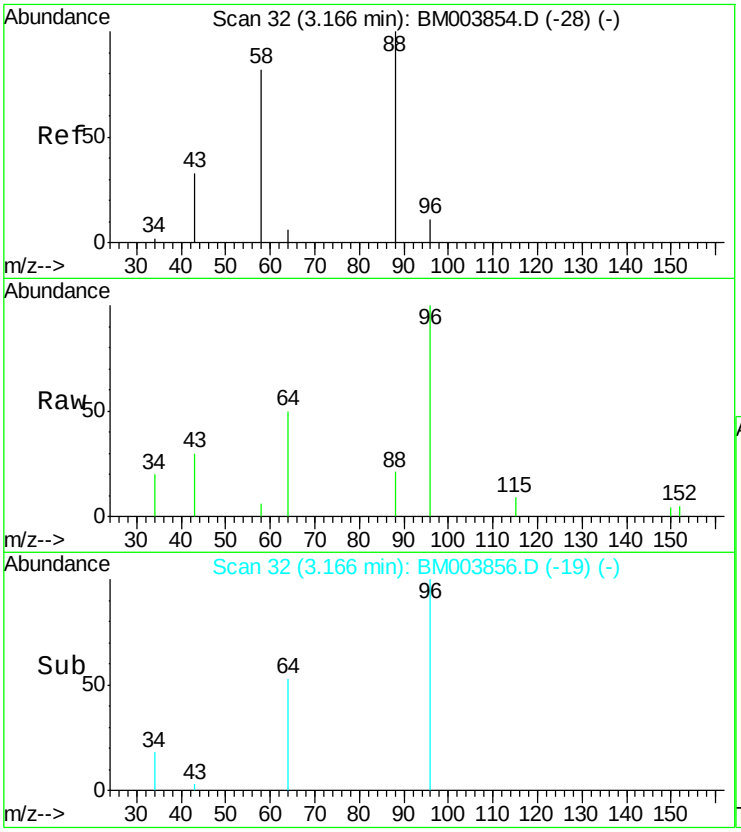
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
Data File : BM003856.D
Acq On : 29 Dec 2015 19:21
Operator : SJ/UM
Sample : G4848-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9N58

Quant Time: Dec 30 03:33:39 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 30 03:30:26 2015
Response via : Initial Calibration



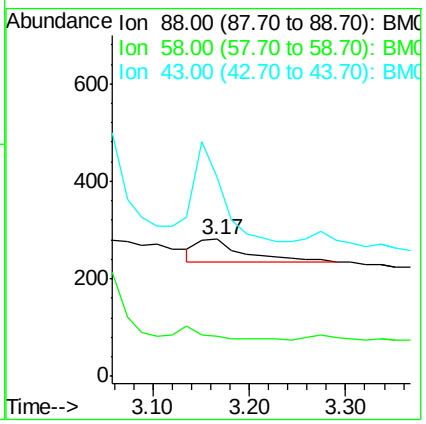


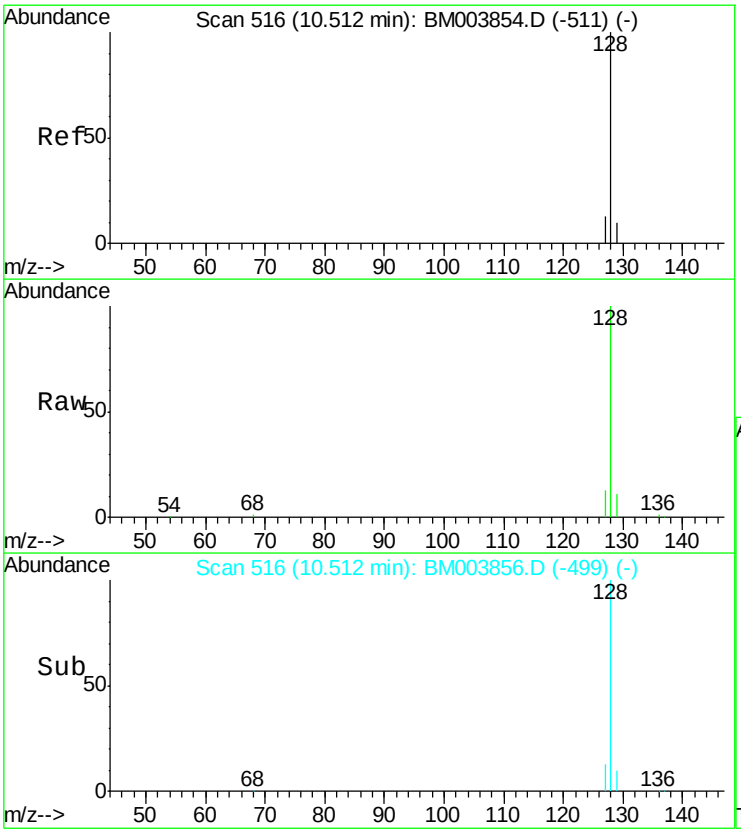
#3
1,4-Dioxane
Concen: 0.06 ng/ul
RT: 3.17 min Scan# 32
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Instrument :
BNA_M
ClientSampleId :
D9N58

Tgt Ion: 88 Resp: 167

Ion	Ratio	Lower	Upper
88	100		
58	0.0	8.0	12.0#
43	272.5	8.0	12.0#

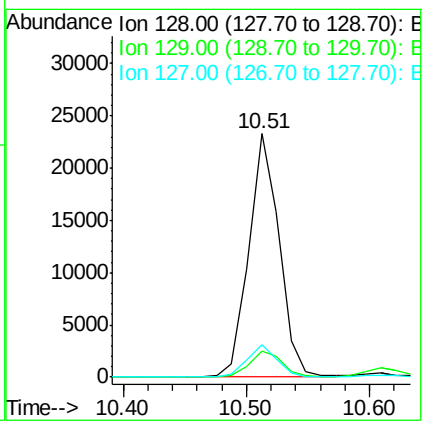


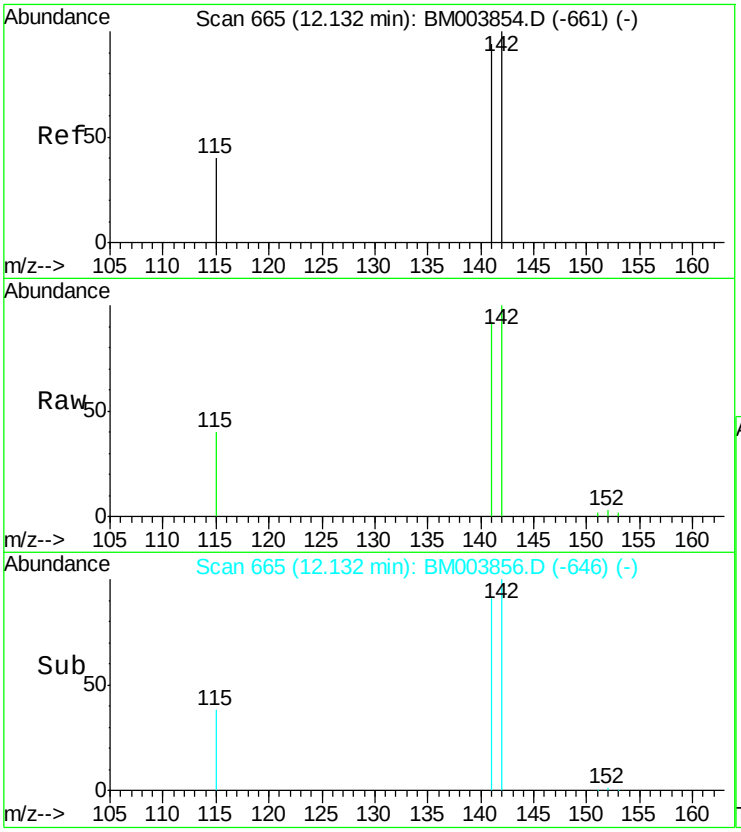


#5
Naphthalene
Concen: 0.80 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:128 Resp: 39547

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.3	9.6	14.4



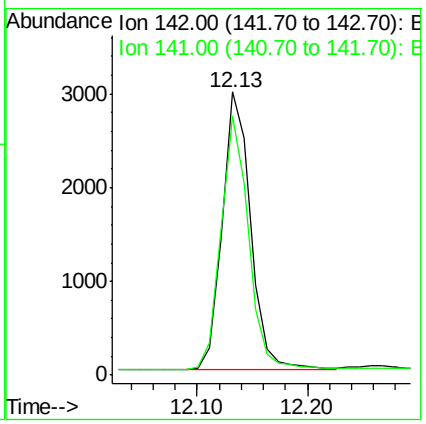


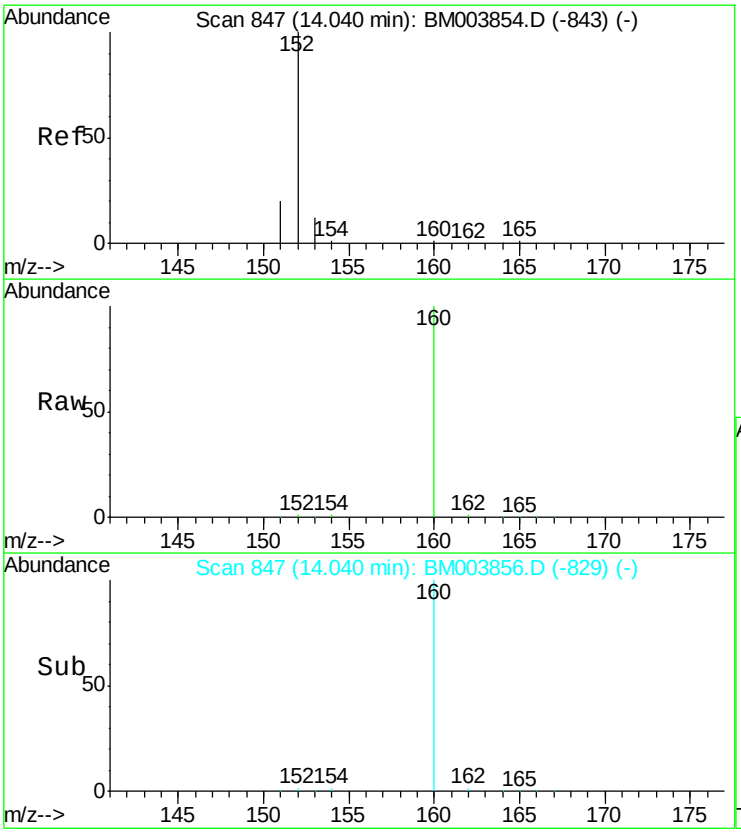
#7
2-Methylnaphthalene
Concen: 0.16 ng/ul
RT: 12.13 min Scan# 665
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Instrument :
BNA_M
ClientSampleId :
D9N58

Tgt Ion:142 Resp: 5264

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.3	105.5

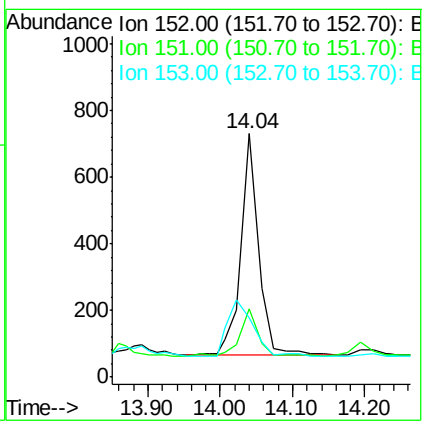


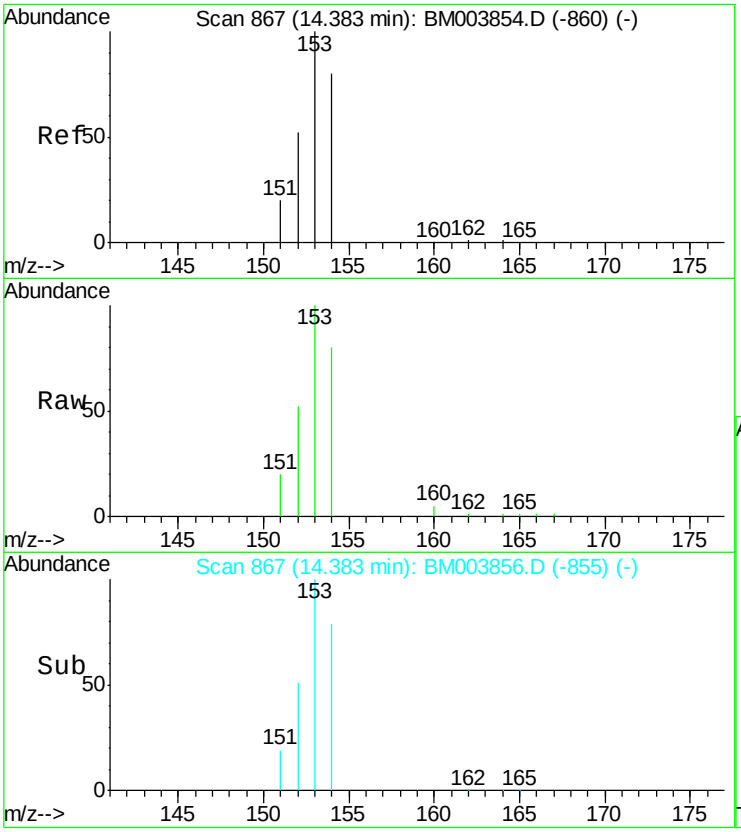


#9
Acenaphthylene
Concen: 0.02 ng/ul
RT: 14.04 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:152 Resp: 985

Ion	Ratio	Lower	Upper
152	100		
151	27.9	17.6	26.4#
153	24.1	9.7	14.5#



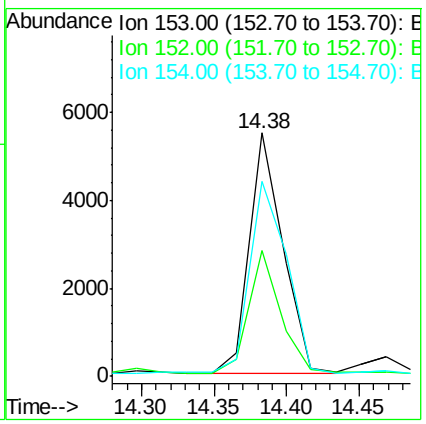


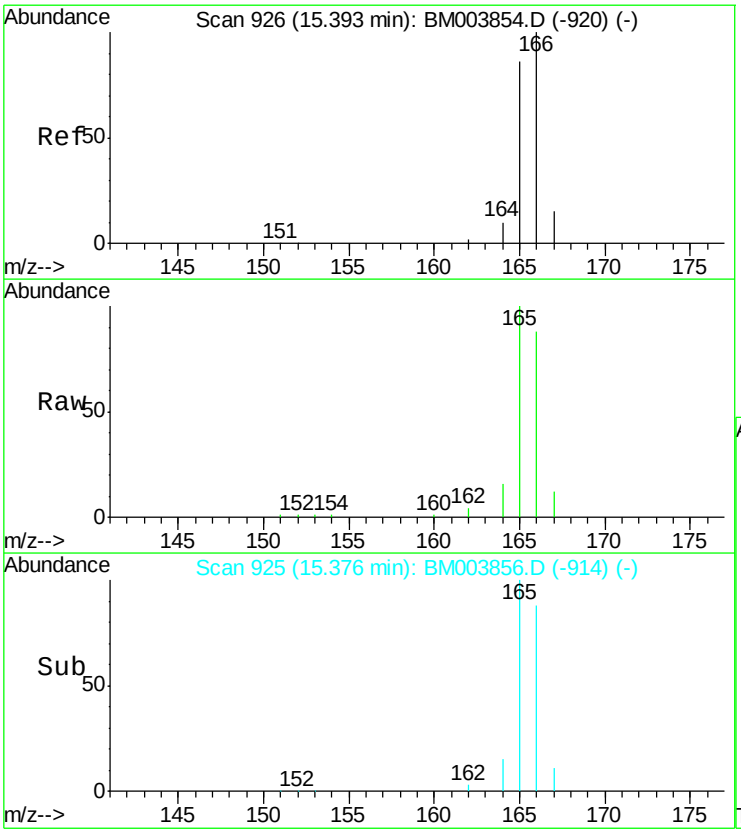
#10
Acenaphthene
Concen: 0.22 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Instrument :
BNA_M
ClientSampleId :
D9N58

Tgt Ion:153 Resp: 8793

Ion	Ratio	Lower	Upper
153	100		
152	51.9	33.9	50.9#
154	79.8	80.6	121.0#

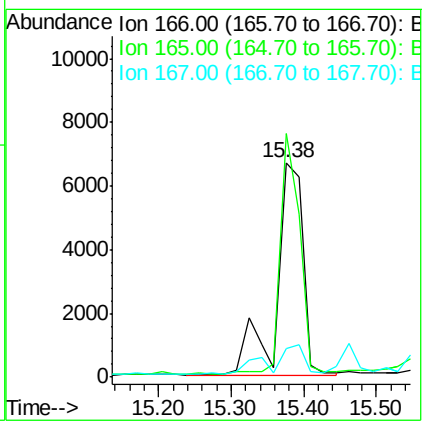


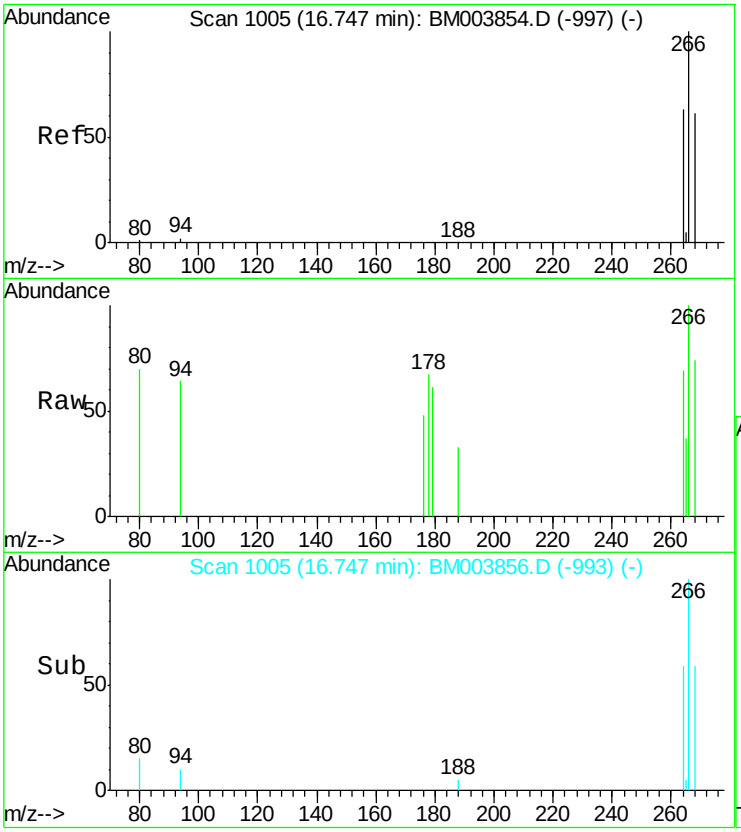


#11
Fluorene
Concen: 0.38 ng/ul
RT: 15.38 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:166 Resp: 16825

Ion	Ratio	Lower	Upper
166	100		
165	113.6	69.6	104.4#
167	13.6	11.9	17.9



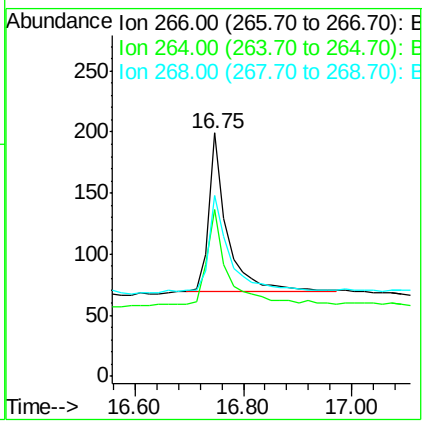


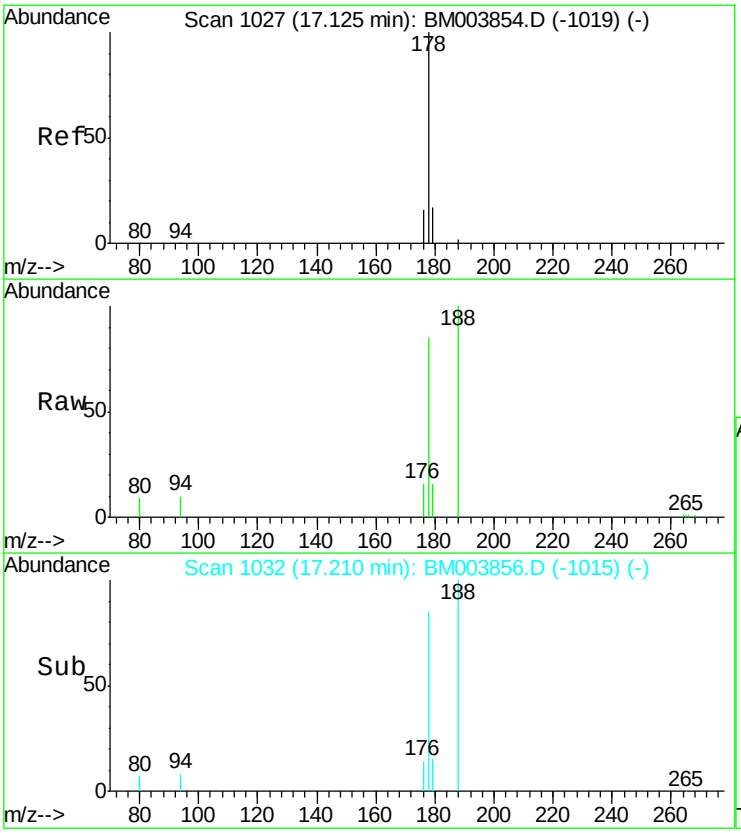
#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.75 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Instrument :
BNA_M
ClientSampleId :
D9N58

Tgt Ion:266 Resp: 319

Ion	Ratio	Lower	Upper
266	100		
264	64.3	51.8	77.8
268	69.3	46.8	70.2

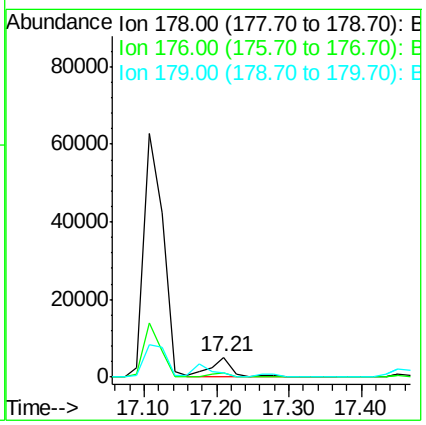


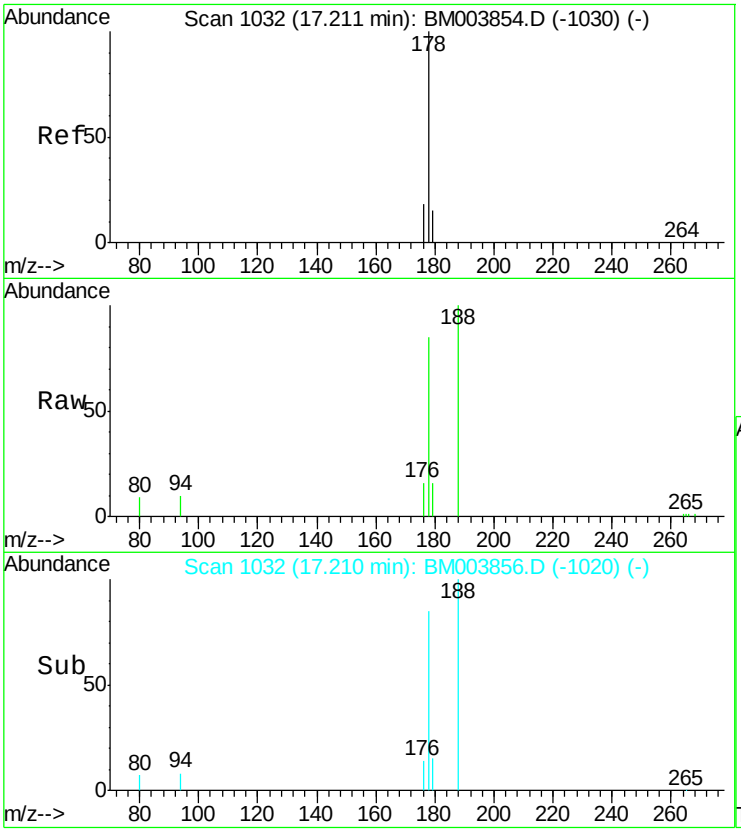


#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. 0.09 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:178 Resp: 10119

Ion	Ratio	Lower	Upper
178	100		
176	18.2	13.0	19.4
179	19.1	14.2	21.2



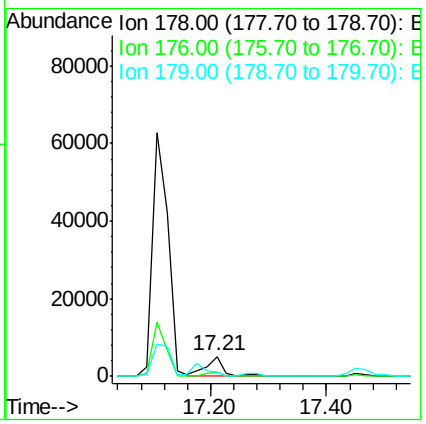


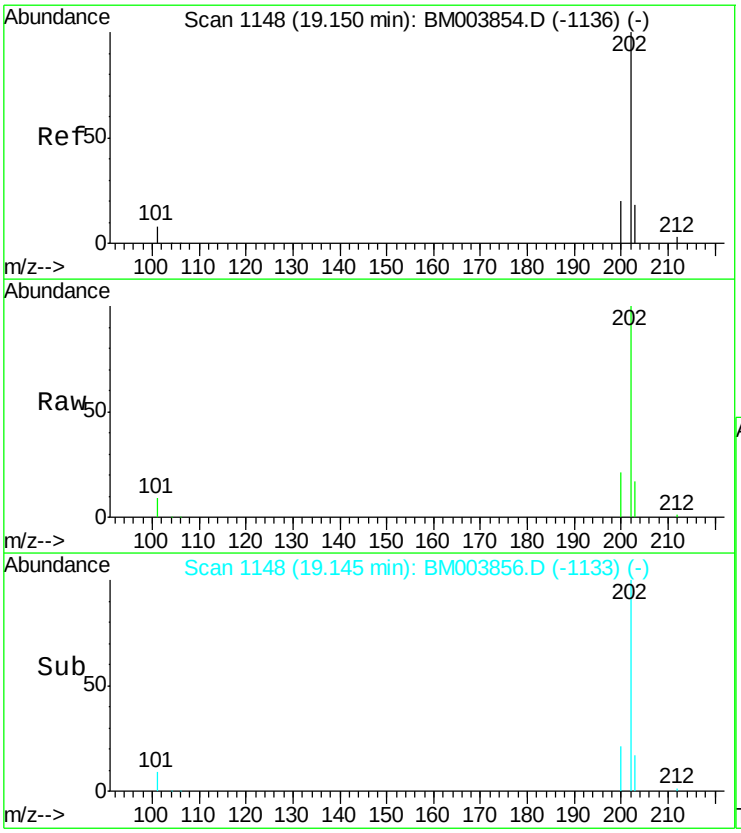
#15
Anthracene
Concen: 0.00 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Instrument :
BNA_M
ClientSampleId :
D9N58

Tgt Ion:178 Resp: 10089

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.0	21.0
179	19.1	12.9	19.3

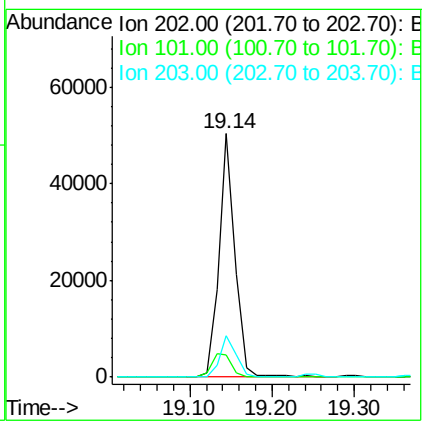


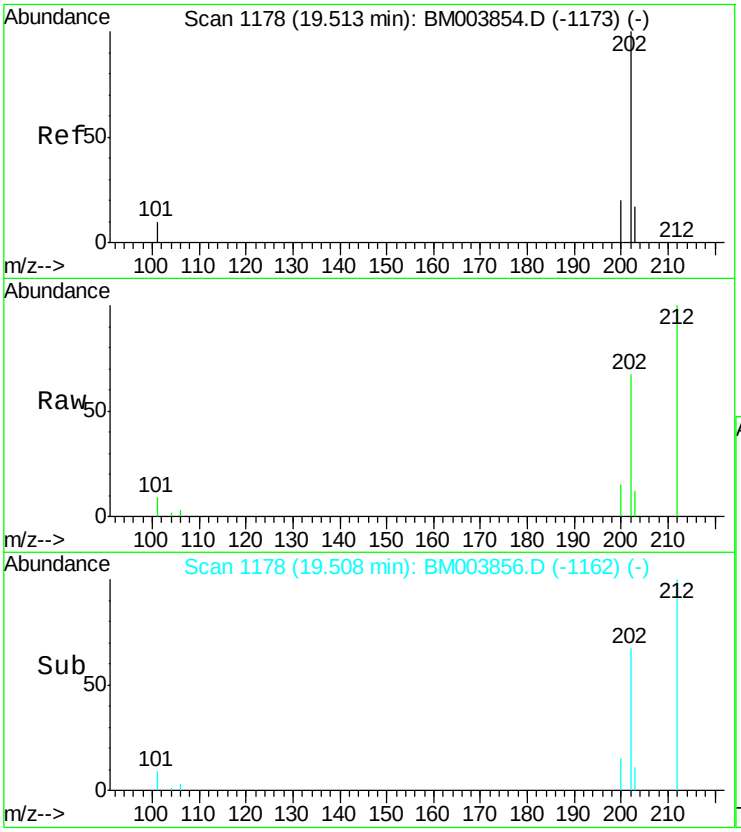


#17
Fluoranthene
Concen: 0.02 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:202 Resp: 67396

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.6
203	17.1	0.0	36.3



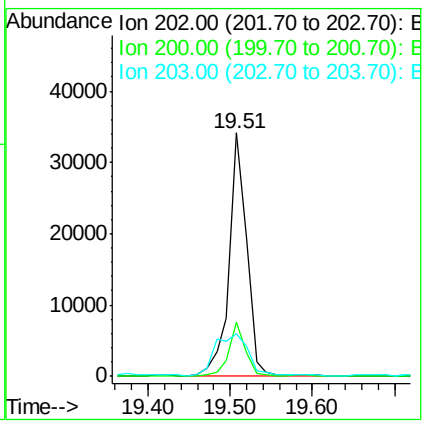


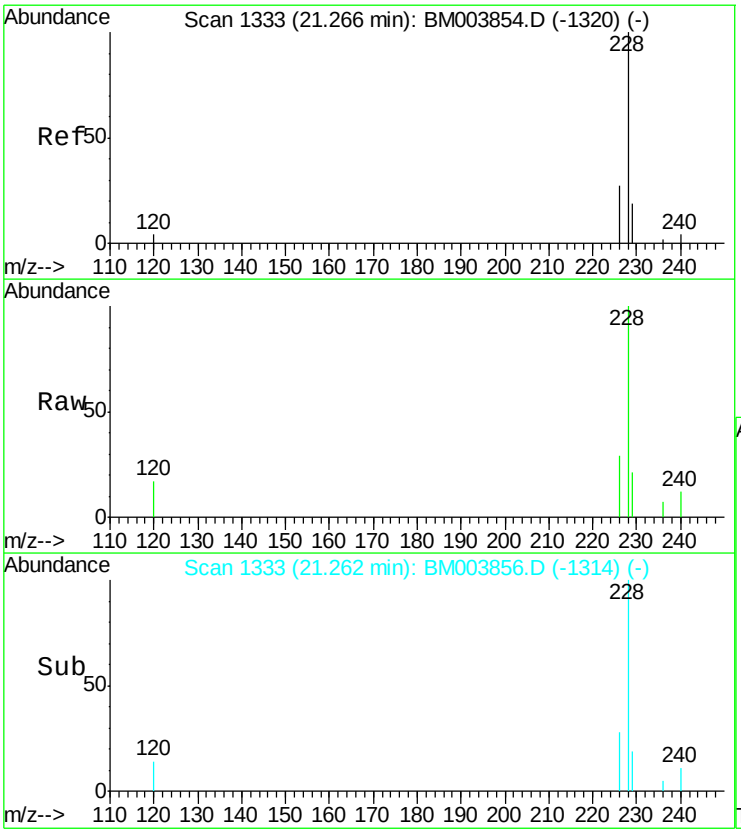
#19
Pyrene
Concen: 0.82 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Instrument :
BNA_M
ClientSampleId :
D9N58

Tgt Ion:202 Resp: 49776

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.8
203	17.3	12.8	19.2

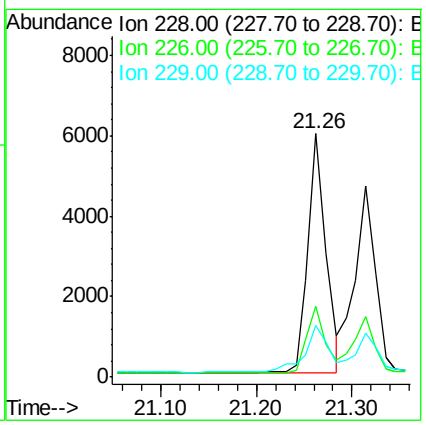


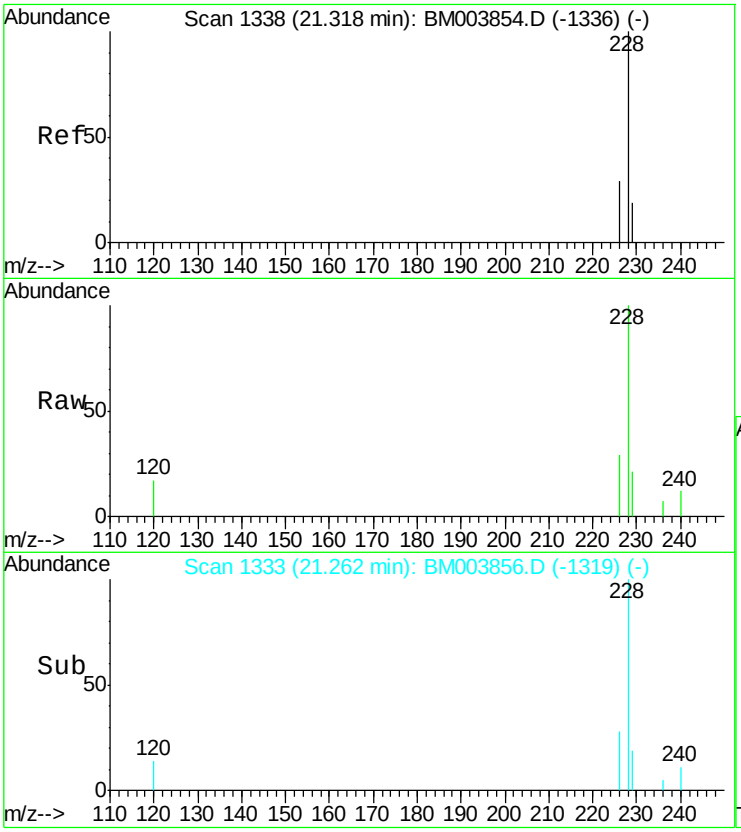


#20
Benzo(a)anthracene
Concen: 0.14 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:228 Resp: 7831

Ion	Ratio	Lower	Upper
228	100		
226	29.0	18.8	28.2#
229	21.3	17.1	25.7



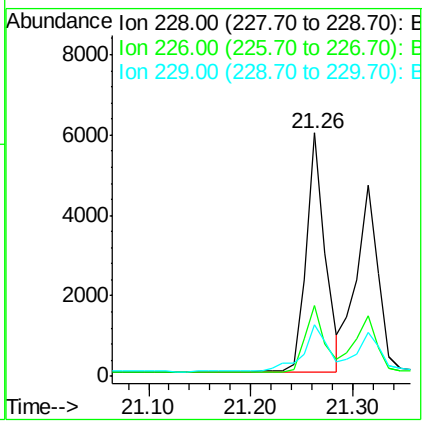


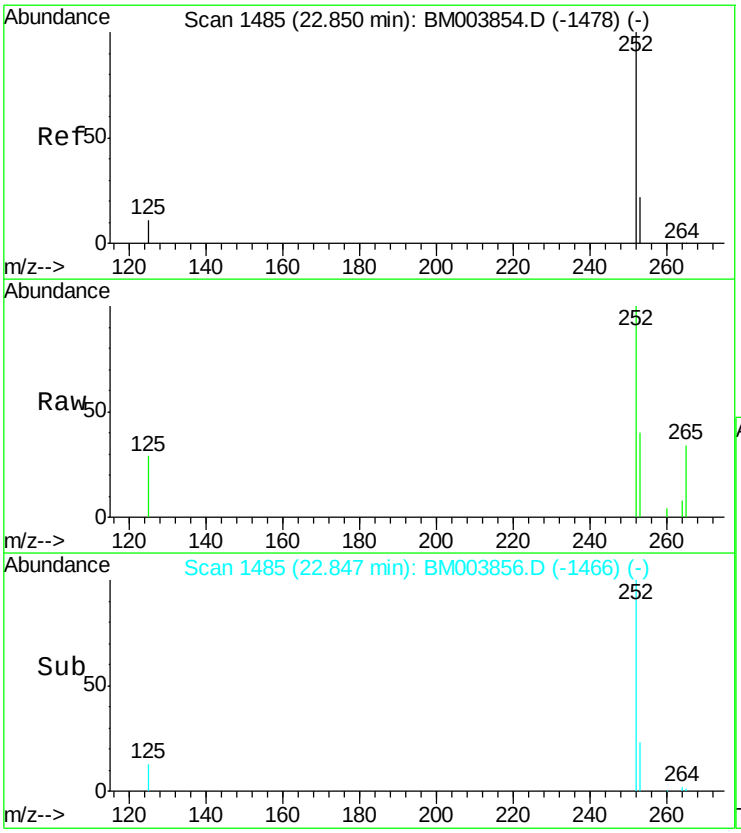
#21
Chrysene
Concen: 0.12 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.06 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Instrument :
BNA_M
ClientSampleId :
D9N58

Tgt Ion:228 Resp: 7804

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.2	31.8
229	21.3	17.0	25.6

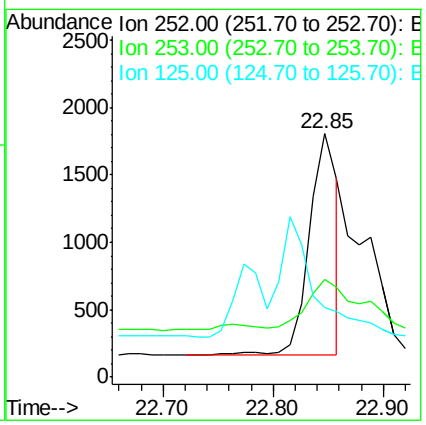


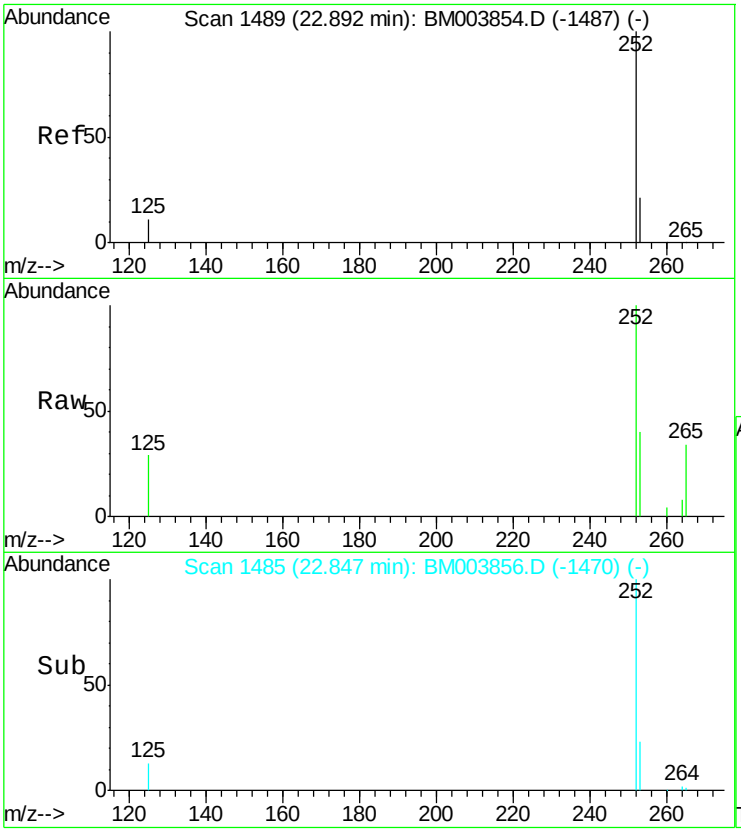


#23
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 22.85 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:252 Resp: 2920

Ion	Ratio	Lower	Upper
252	100		
253	40.2	0.0	45.4
125	28.7	0.0	28.8



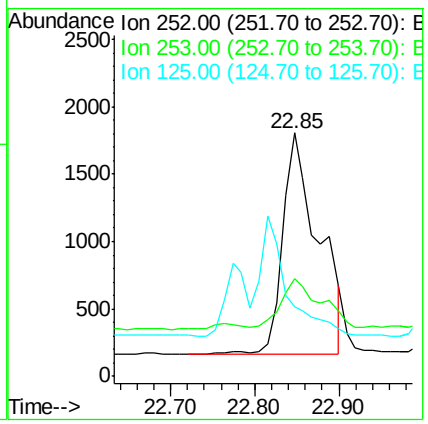


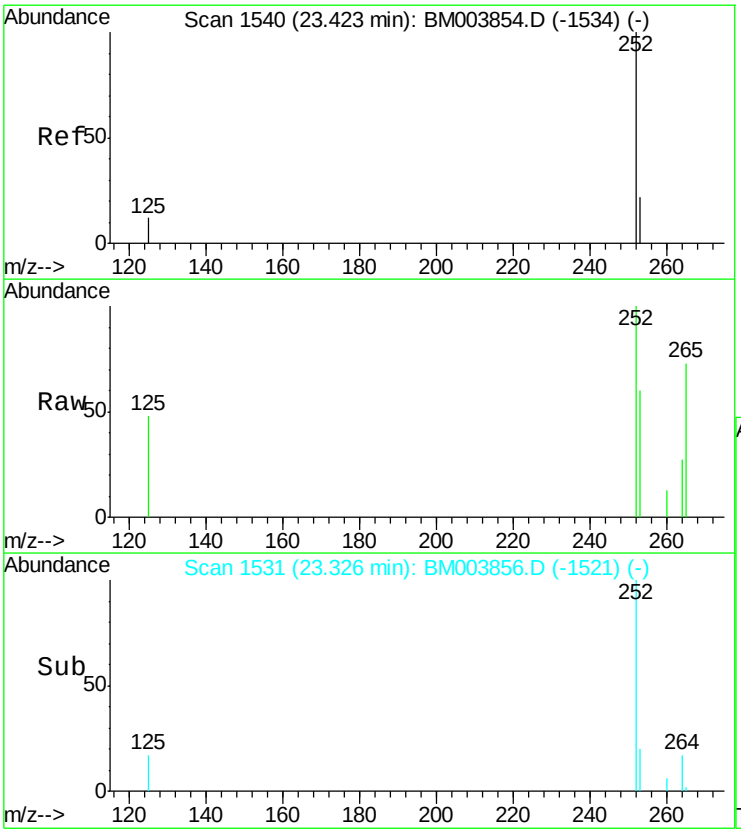
#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.85 min Scan# 1485
Delta R.T. -0.05 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Instrument :
BNA_M
ClientSampleId :
D9N58

Tgt Ion:252 Resp: 4852

Ion	Ratio	Lower	Upper
252	100		
253	40.2	19.8	29.8#
125	28.7	10.4	15.6#

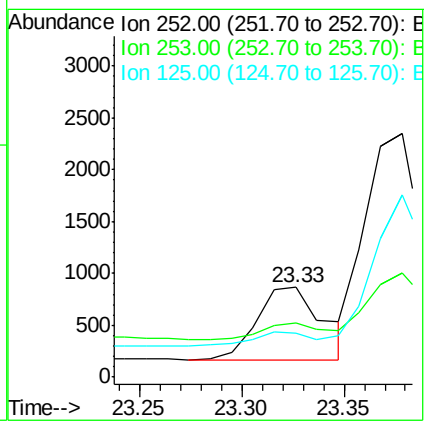


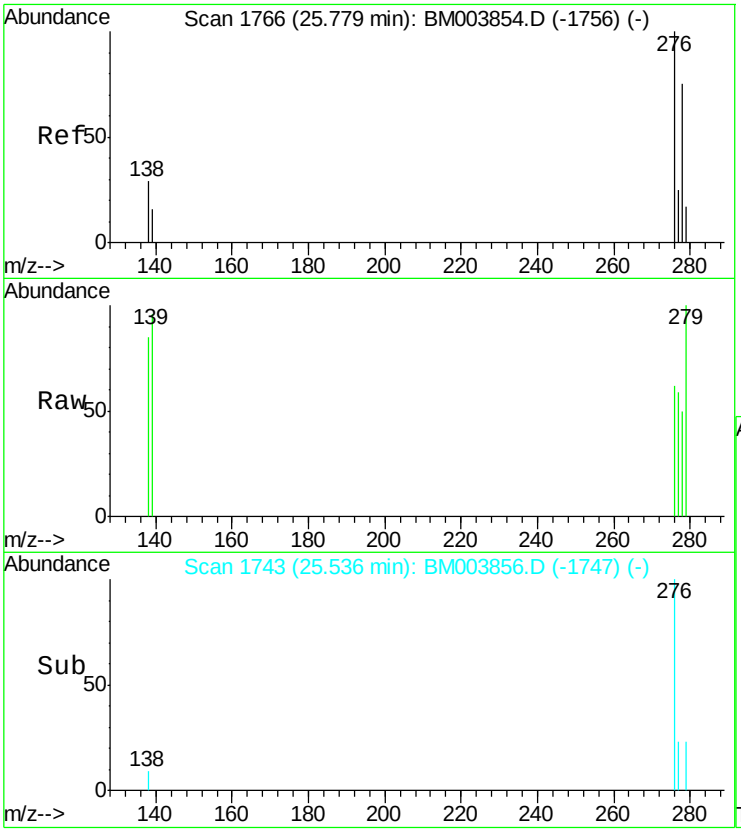


#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.33 min Scan# 1531
Delta R.T. -0.10 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:252 Resp: 1548

Ion	Ratio	Lower	Upper
252	100		
253	60.3	19.4	29.2#
125	48.4	12.7	19.1#



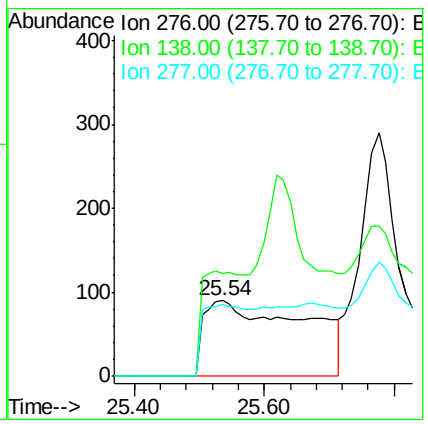


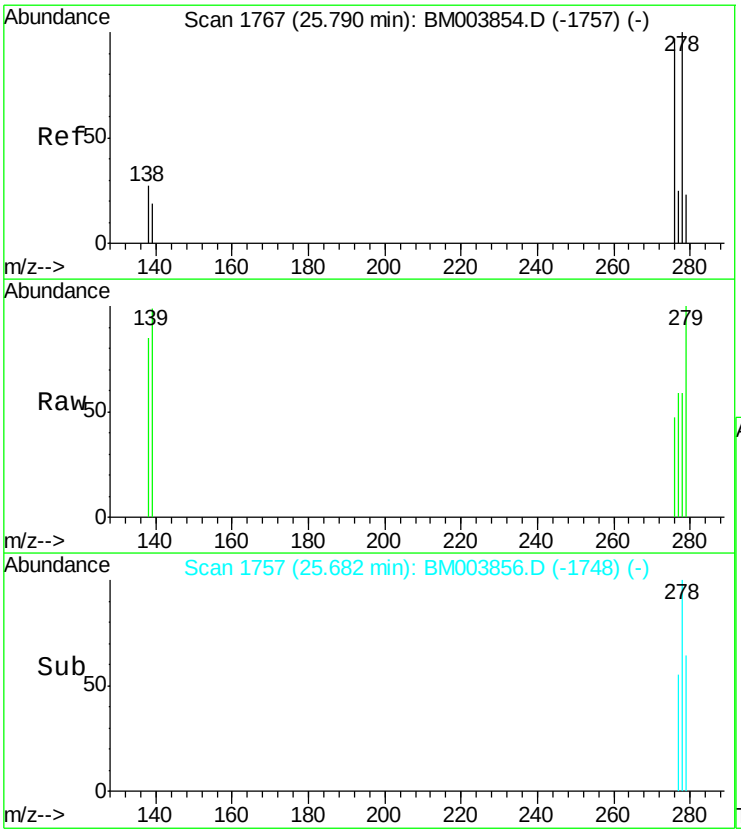
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.54 min Scan# 1743
Delta R.T. -0.24 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Instrument :
BNA_M
ClientSampleId :
D9N58

Tgt Ion:276 Resp: 953

Ion	Ratio	Lower	Upper
276	100		
138	63.9	16.3	24.5#
277	0.0	19.8	29.8#

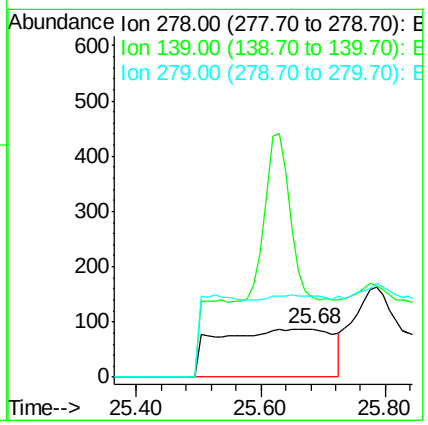


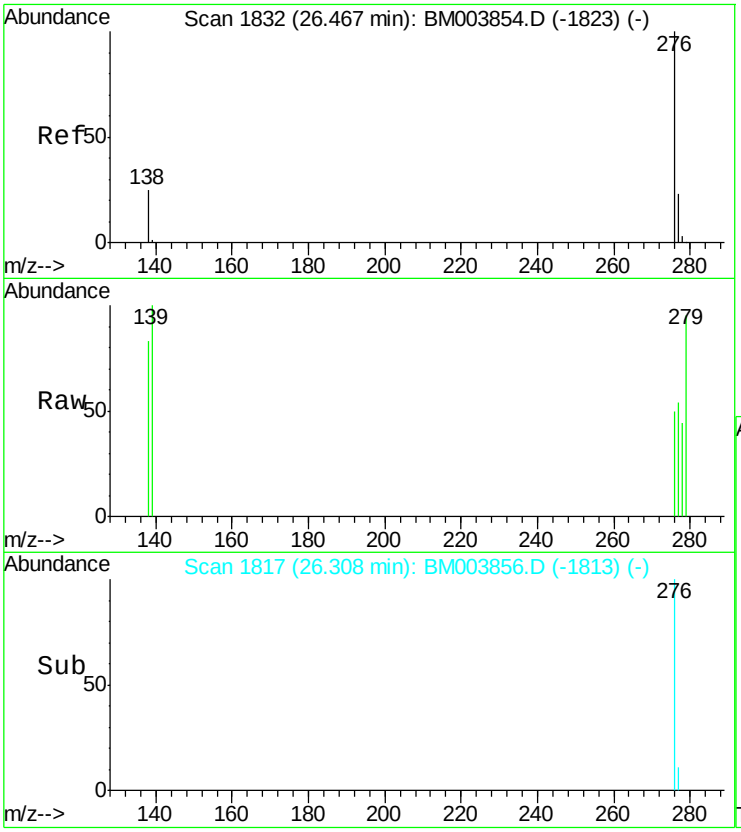


#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.68 min Scan# 1757
Delta R.T. -0.11 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:278 Resp: 1097

Ion	Ratio	Lower	Upper
278	100		
139	166.7	16.4	24.6#
279	169.0	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.31 min Scan# 1817
Delta R.T. -0.16 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Instrument :
BNA_M
ClientSampleId :
D9N58

Tgt Ion:276 Resp: 36

Ion	Ratio	Lower	Upper
276	100		
277	106.7	18.9	28.3#
138	164.0	22.5	33.7#