Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003170.D
Acq On : 18 Nov 2015 21:10
Operator : UM/IZ
Sample : SSTD1.6049
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD1.649

Quant Time: Nov 19 03:07:46 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 : Thu Nov 19 03:03:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	14698	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	53373	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	25991	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	54750	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	55289	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	44063	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	62547	3.99	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	117754	1.34	ng/ul	0.00
16) Fluoranthene-d10	19.16	212	221698	1.55	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.23	88	68756	3.87	ng/ul#	100
5) Naphthalene	10.58	128	219569	1.55	ng/ul	100
7) 2-Methylnaphthalene	12.19	142	147571	1.51	ng/ul#	100
9) Acenaphthylene	14.09	152	183033	1.29	ng/ul	100
10) Acenaphthene	14.45	153	147782	1.56	ng/ul	100
11) Fluorene	15.44	166	167647	1.52	ng/ul	98
13) Pentachlorophenol	16.78	266	20537	3.86	ng/ul#	16
14) Phenanthrene	17.26	178	227160	1.33	ng/ul	97
15) Anthracene	17.26	178	232883	1.51	ng/ul	99
17) Fluoranthene	19.20	202	297507	1.49	ng/ul	93
19) Pyrene	19.56	202	307425	1.54	ng/ul	94
20) Benzo(a)anthracene	21.31	228	276777	1.56	ng/ul	94
21) Chrysene	21.36	228	278501	1.49	ng/ul	94
23) Benzo(b)fluoranthene	22.90	252	284433	1.84	ng/ul	97
24) Benzo(k)fluoranthene	22.94	252	257784	1.68	ng/ul	95
25) Benzo(a)pyrene	23.47	252	249663	1.67	ng/ul	95
26) Indeno(1,2,3-cd)pyrene	25.86	276	298912	1.81	ng/ul#	100
27) Dibenzo(a,h)anthracene	25.87	278	243700	1.81	ng/ul	98
28) Benzo(g,h,i)perylene	26.55	276	251086	1.80	ng/ul	99

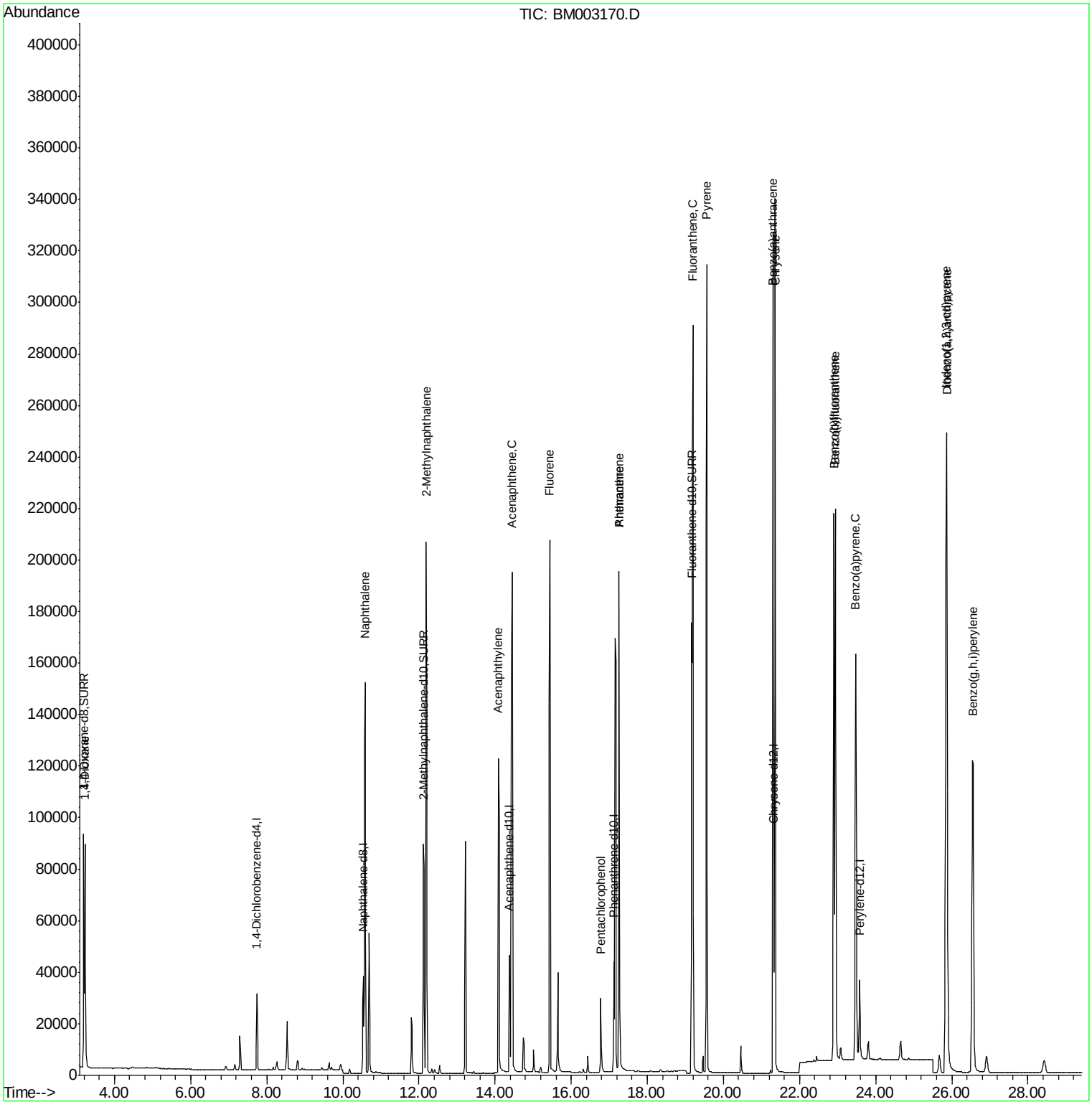
(#) = qualifier out of range (m) = manual integration (+) = signals summed

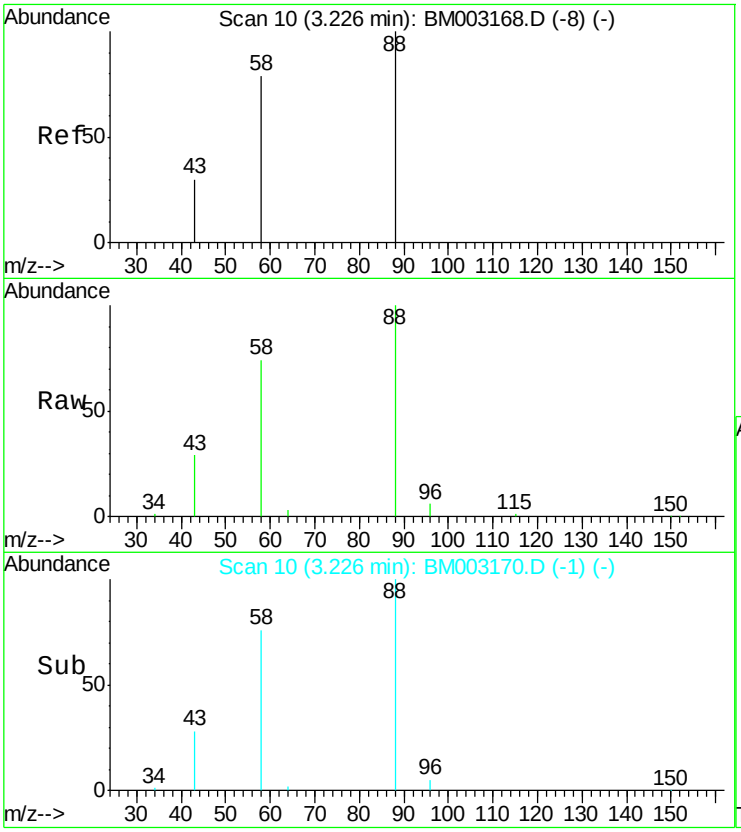
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003170.D
Acq On : 18 Nov 2015 21:10
Operator : UM/IZ
Sample : SSTD1.6049
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD1.649

Quant Time: Nov 19 03:07:46 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 : Thu Nov 19 03:03:27 2015
Response via : Initial Calibration



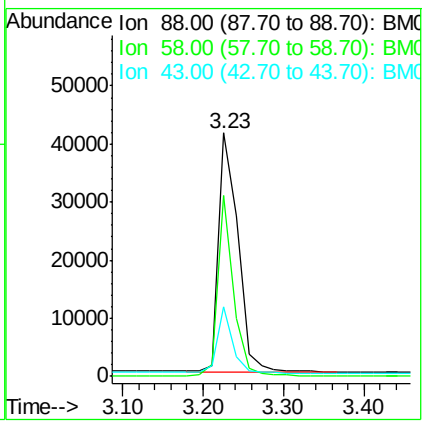


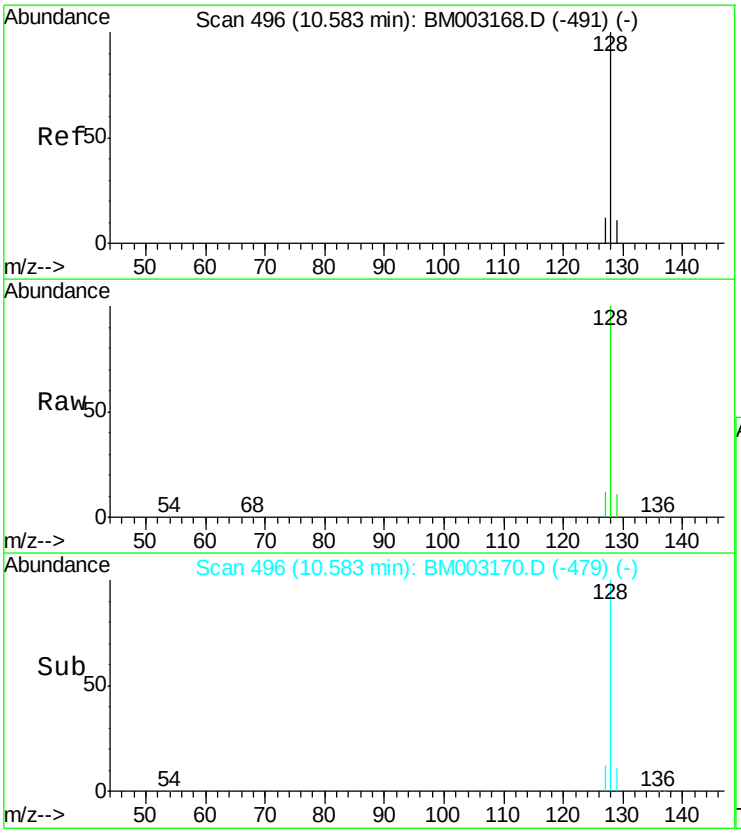
#3
1,4-Dioxane
Concen: 3.87 ng/ul
RT: 3.23 min Scan# 10
Delta R.T. -0.00 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Instrument :
BNA_M
ClientSampleId :
SSTD1.649

Tgt Ion: 88 Resp: 68756

Ion	Ratio	Lower	Upper
88	100		
58	60.8	0.0	0.0#
43	22.1	0.0	0.0#

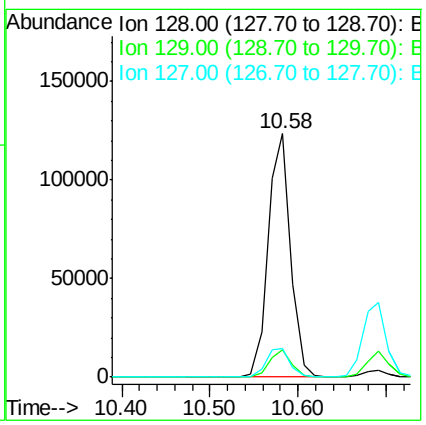


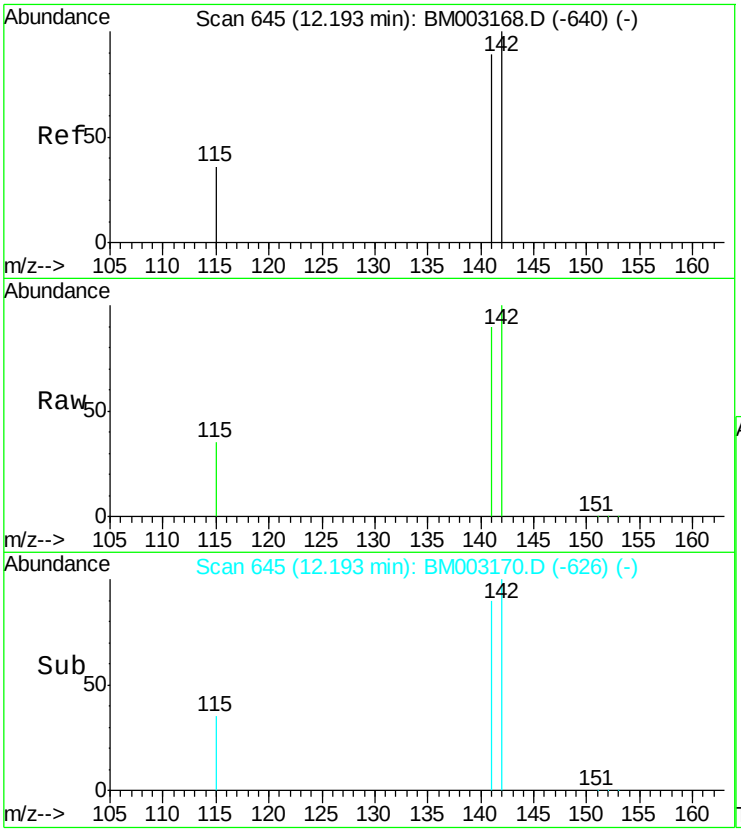


#5
Naphthalene
Concen: 1.55 ng/ul
RT: 10.58 min Scan# 496
Delta R.T. -0.00 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Tgt Ion:128 Resp: 219569

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	11.9	9.6	14.4



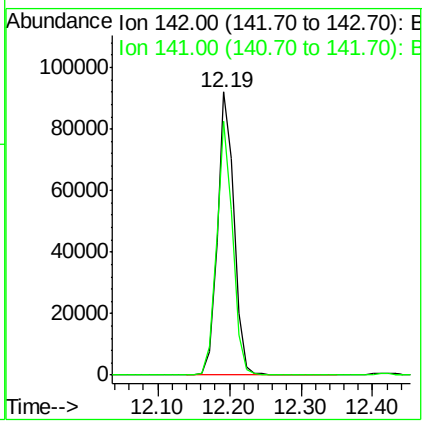


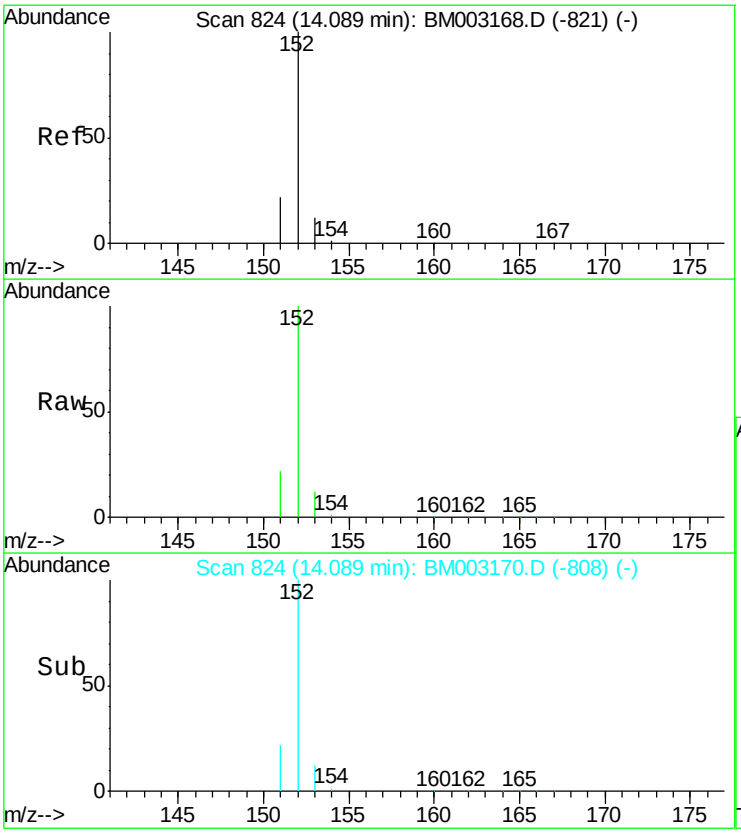
#7
2-Methylnaphthalene
Concen: 1.51 ng/ul
RT: 12.19 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Instrument :
BNA_M
ClientSampleId :
SSTD1.649

Tgt Ion:142 Resp: 147571

Ion	Ratio	Lower	Upper
142	100		
141	87.8	0.0	0.0#

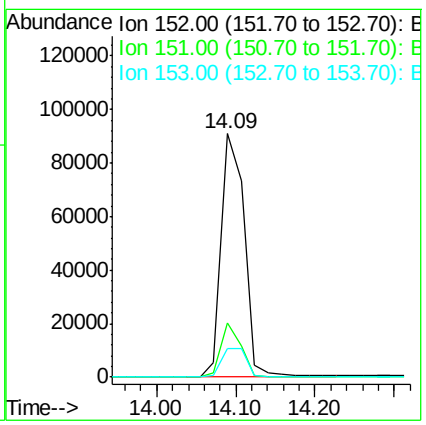


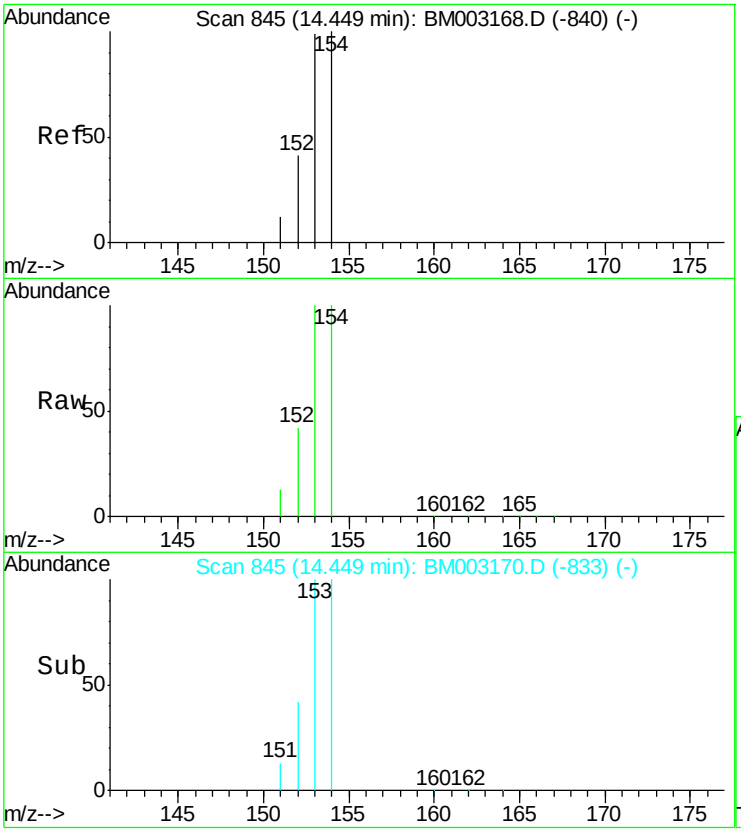


#9
Acenaphthylene
Concen: 1.29 ng/ul
RT: 14.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Tgt Ion:152 Resp: 183033

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.6	26.4
153	11.7	9.7	14.5



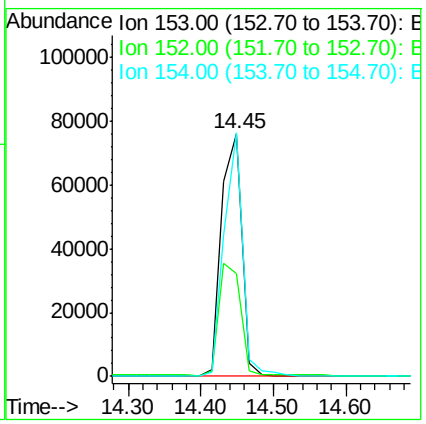


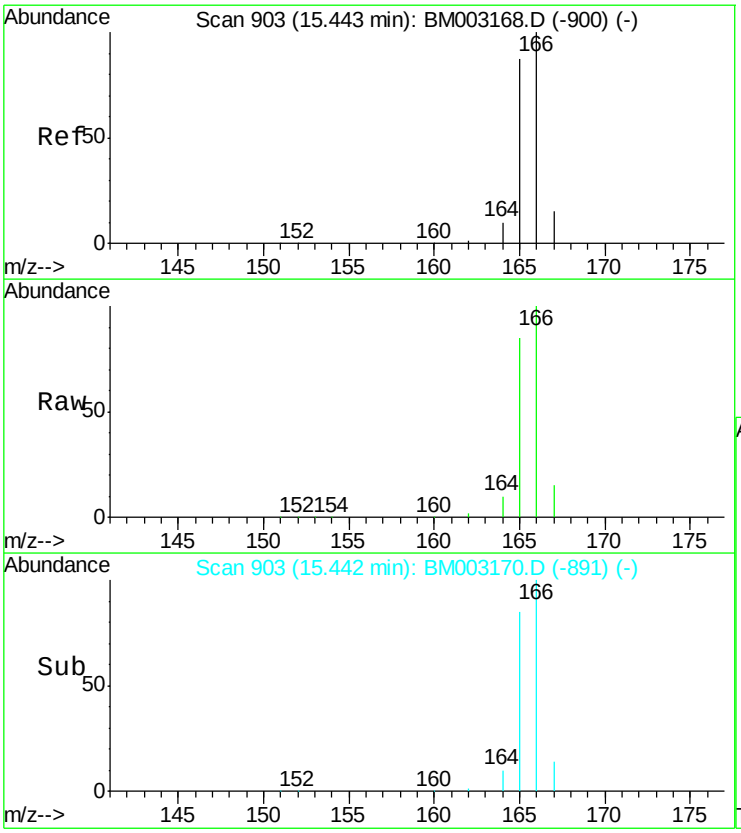
#10
Acenaphthene
Concen: 1.56 ng/ul
RT: 14.45 min Scan# 845
Delta R.T. -0.00 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Instrument :
BNA_M
ClientSampleId :
SSTD1.649

Tgt Ion:153 Resp: 147782

Ion	Ratio	Lower	Upper
153	100		
152	42.3	33.9	50.9
154	100.2	80.6	121.0

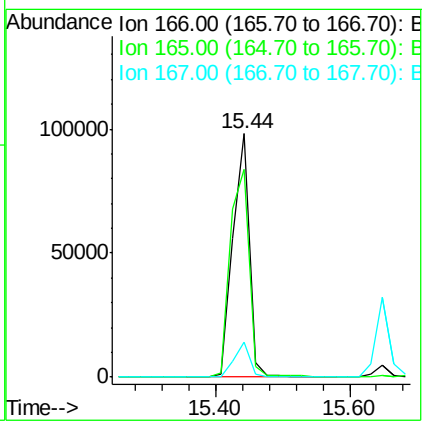


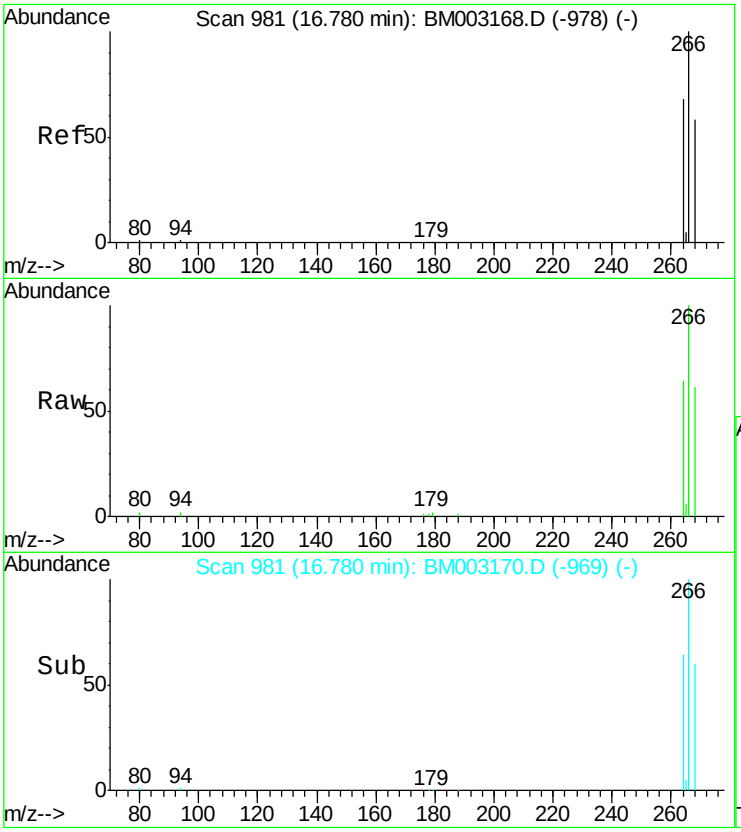


#11
Fluorene
Concen: 1.52 ng/ul
RT: 15.44 min Scan# 903
Delta R.T. -0.00 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Tgt Ion:166 Resp: 167647

Ion	Ratio	Lower	Upper
166	100		
165	85.3	69.6	104.4
167	14.6	11.9	17.9



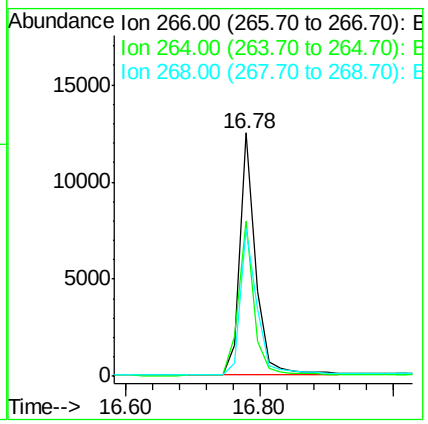


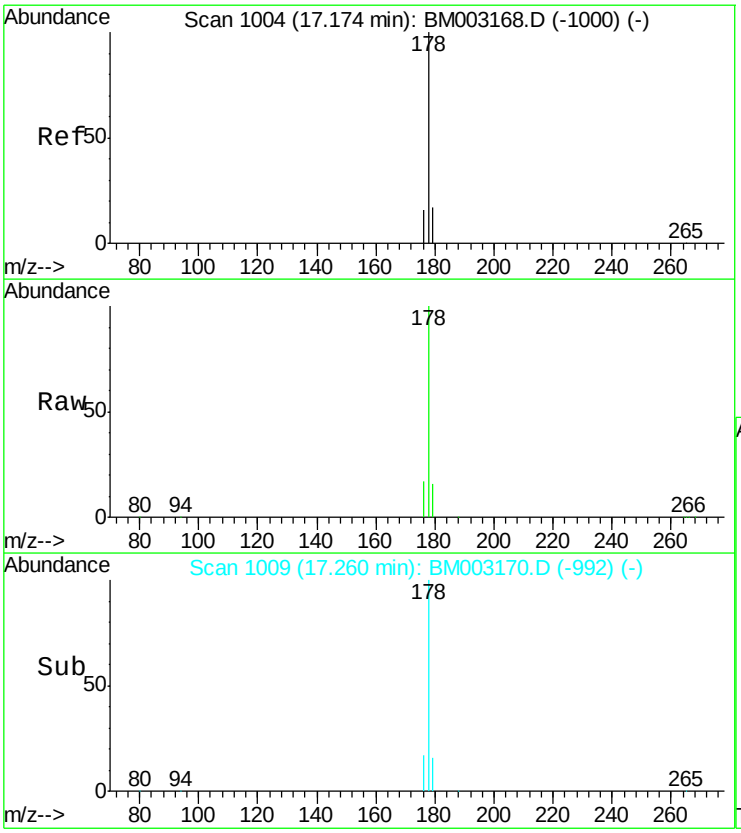
#13
Pentachlorophenol
Concen: 3.86 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Instrument :
BNA_M
ClientSampleId :
SSTD1.649

Tgt Ion:266 Resp: 20537

Ion	Ratio	Lower	Upper
266	100		
264	63.6	0.3	0.5#
268	63.7	0.0	0.0#

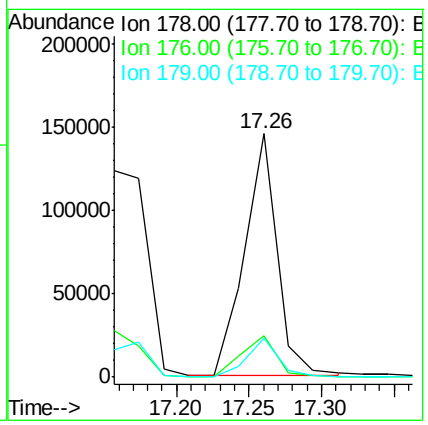


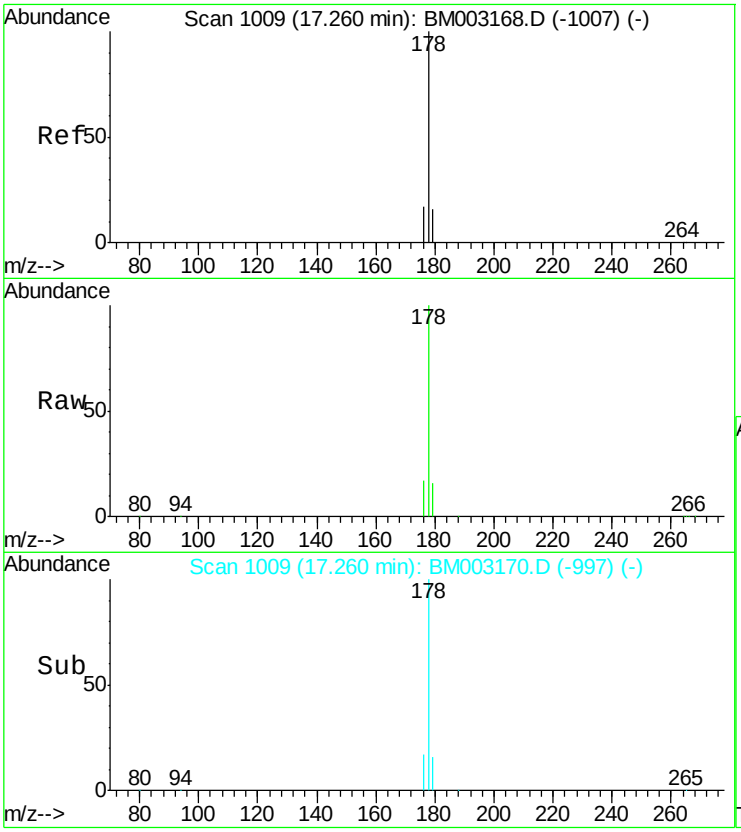


#14
Phenanthrene
Concen: 1.33 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. 0.09 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Tgt Ion:178 Resp: 227160

Ion	Ratio	Lower	Upper
178	100		
176	17.0	13.0	19.4
179	16.1	14.2	21.2



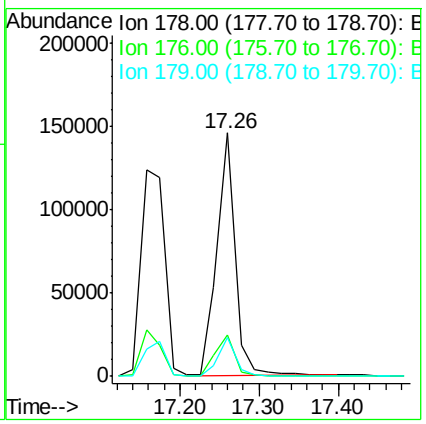


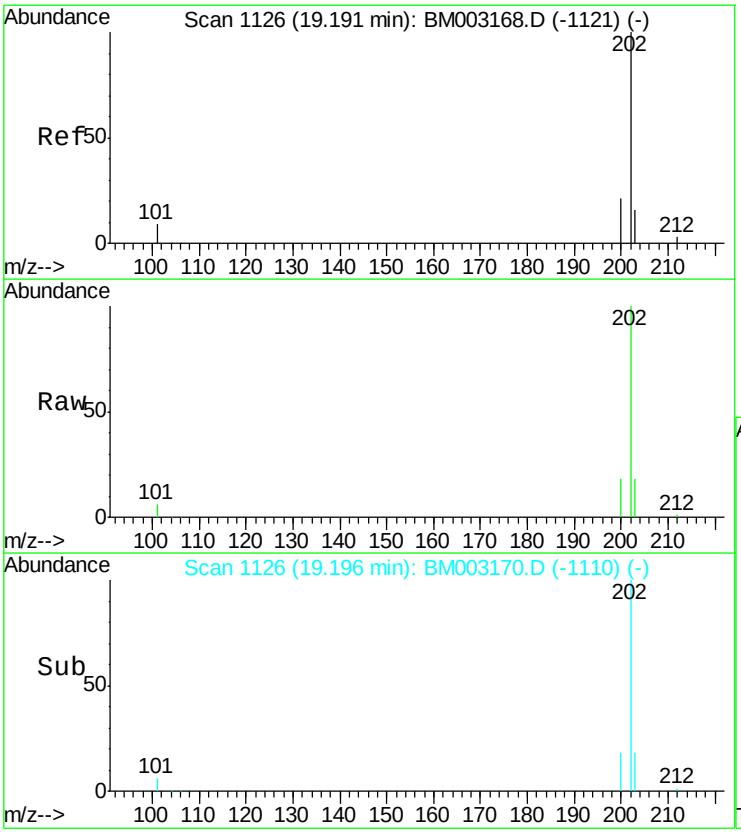
#15
Anthracene
Concen: 1.51 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Instrument :
BNA_M
ClientSampleId :
SSTD1.649

Tgt Ion:178 Resp: 232883

Ion	Ratio	Lower	Upper
178	100		
176	17.0	14.0	21.0
179	16.1	12.9	19.3

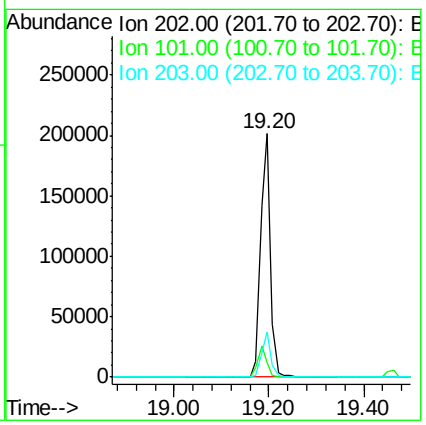


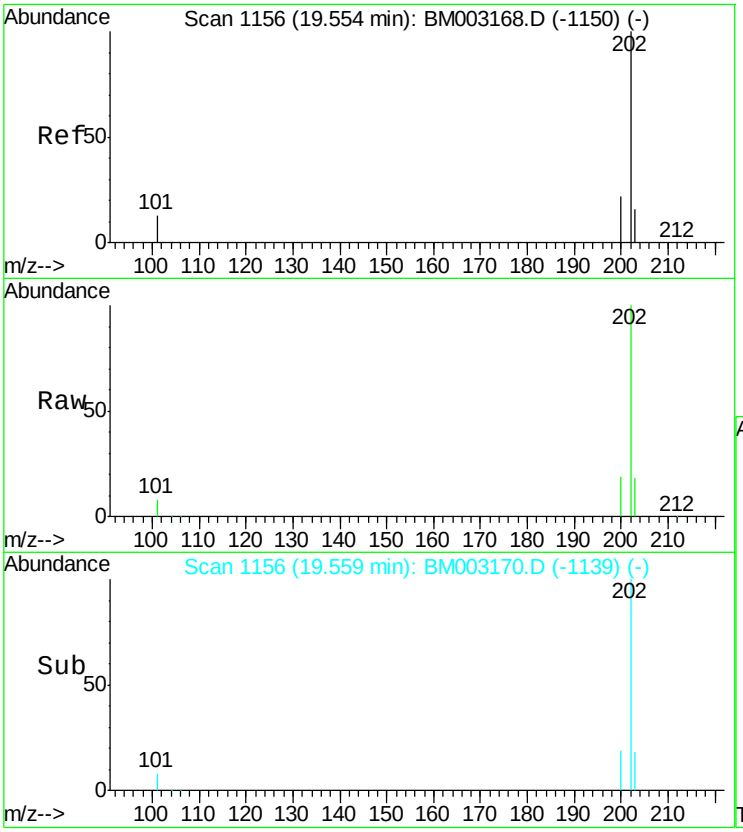


#17
Fluoranthene
Concen: 1.49 ng/ul
RT: 19.20 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Tgt Ion:202 Resp: 297507

Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	29.6
203	18.5	0.0	36.3



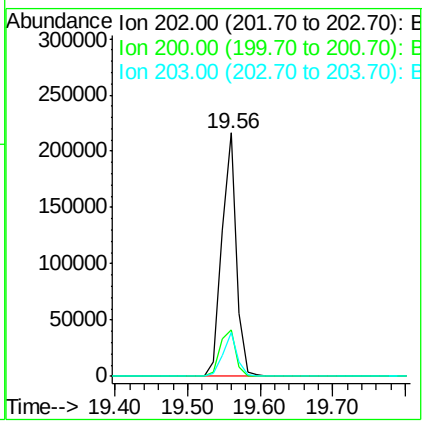


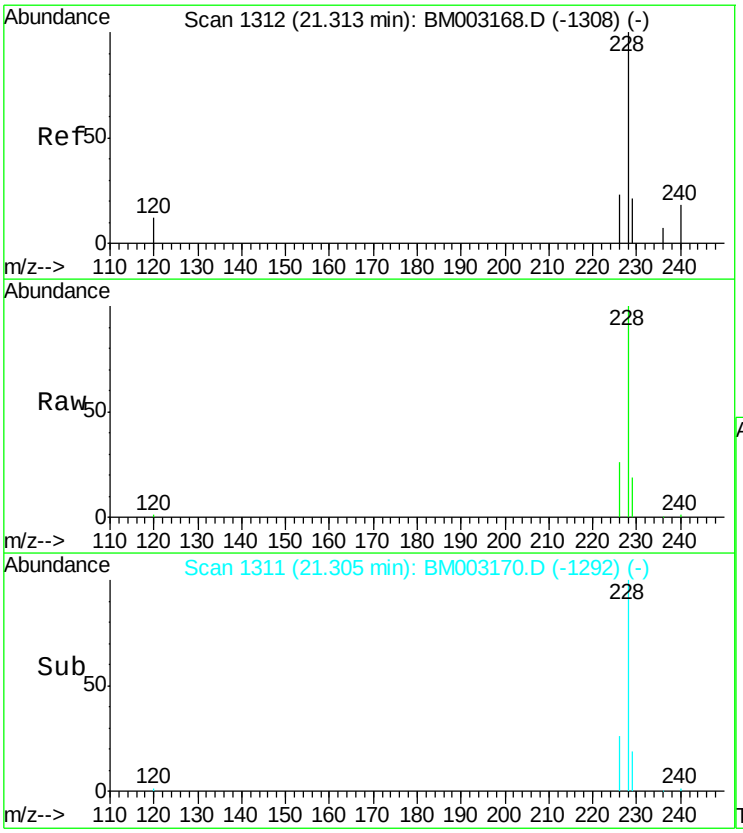
#19
Pyrene
Concen: 1.54 ng/ul
RT: 19.56 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Instrument :
BNA_M
ClientSampleId :
SSTD1.649

Tgt Ion:202 Resp: 307425

Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.8	26.8
203	18.1	12.8	19.2

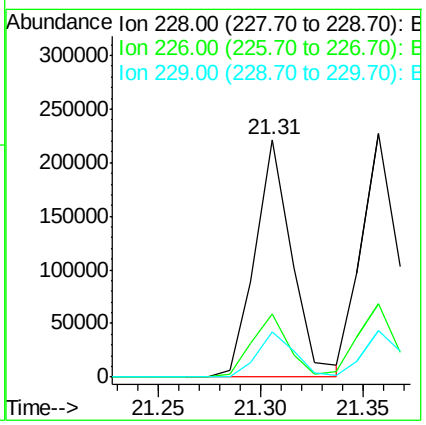


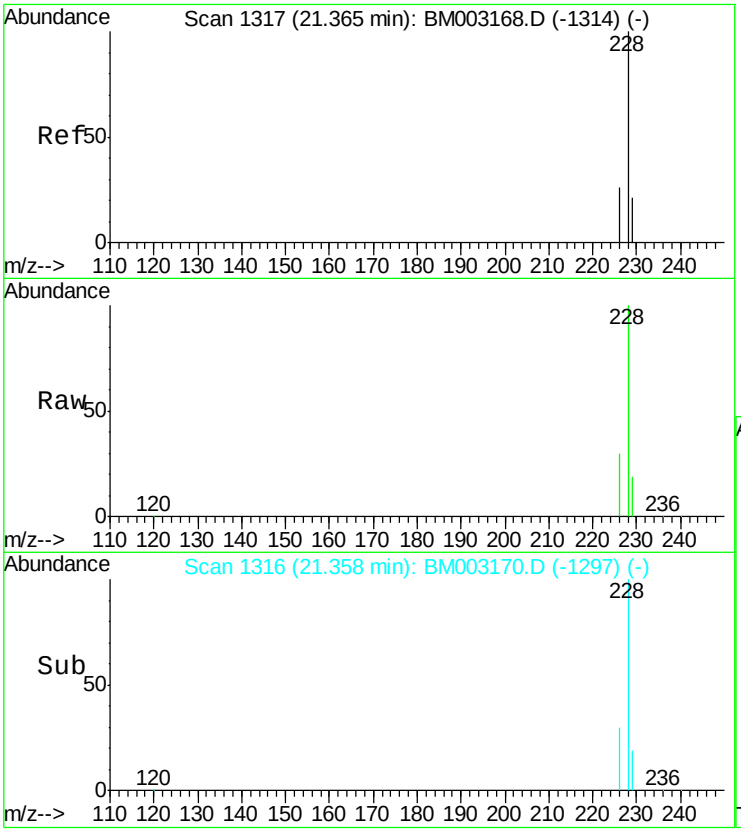


#20
Benzo(a)anthracene
Concen: 1.56 ng/ul
RT: 21.31 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Tgt Ion:228 Resp: 276777

Ion	Ratio	Lower	Upper
228	100		
226	26.4	18.8	28.2
229	18.9	17.1	25.7



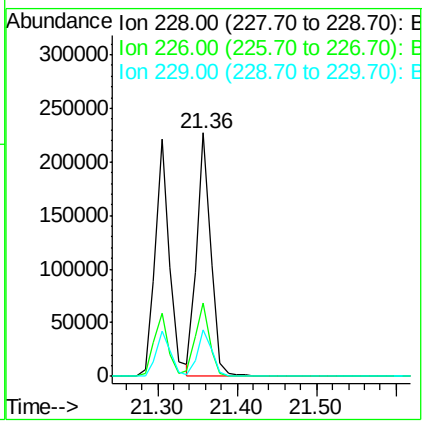


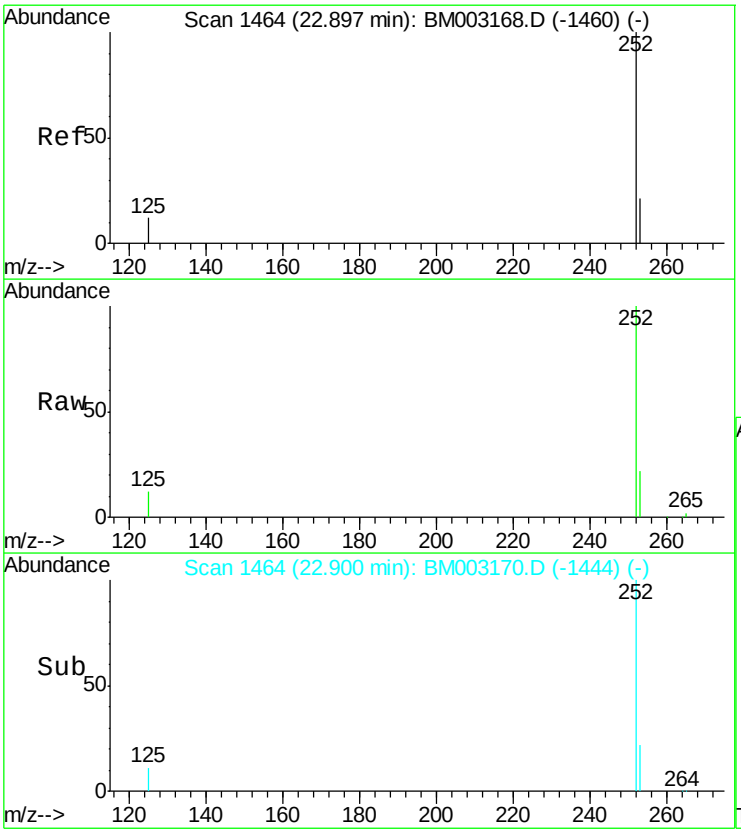
#21
Chrysene
Concen: 1.49 ng/ul
RT: 21.36 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Instrument :
BNA_M
ClientSampleId :
SSTD1.649

Tgt Ion:228 Resp: 278501

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.2	31.8
229	19.1	17.0	25.6

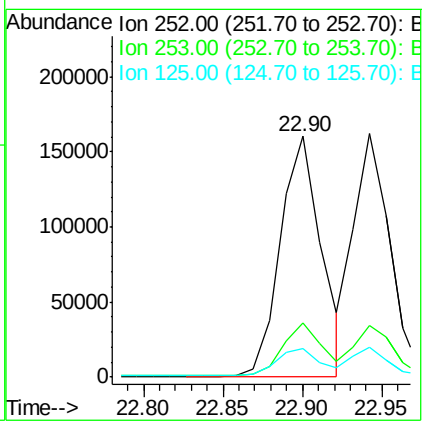


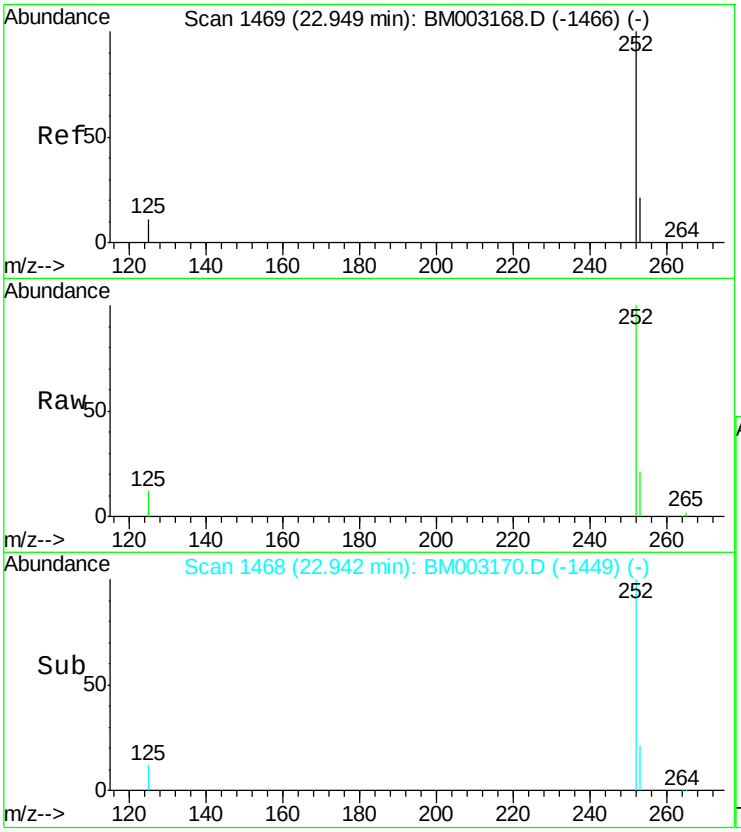


#23
Benzo(b)fluoranthene
Concen: 1.84 ng/ul
RT: 22.90 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Tgt Ion:252 Resp: 284433

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	45.4
125	11.7	0.0	28.8



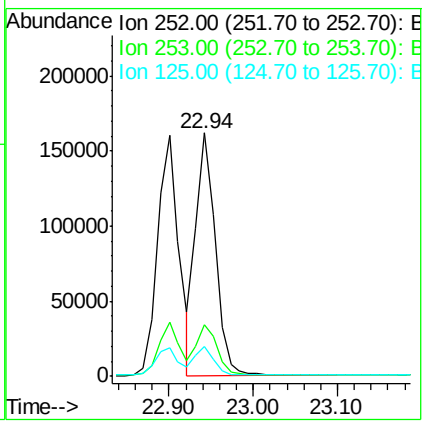


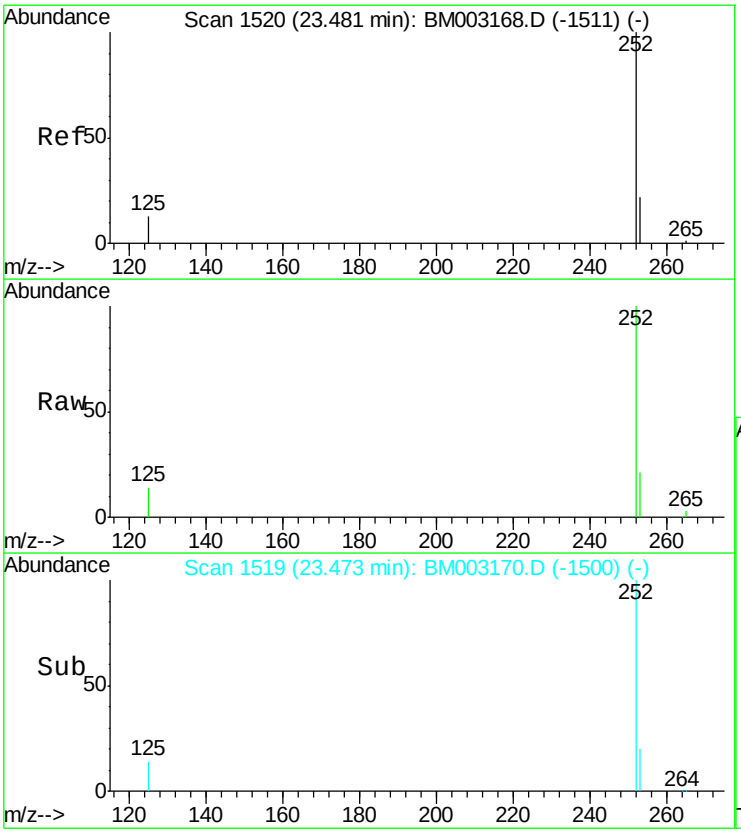
#24
Benzo(k)fluoranthene
Concen: 1.68 ng/ul
RT: 22.94 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Instrument :
BNA_M
ClientSampleId :
SSTD1.649

Tgt Ion:252 Resp: 257784

Ion	Ratio	Lower	Upper
252	100		
253	21.4	19.8	29.8
125	12.0	10.4	15.6

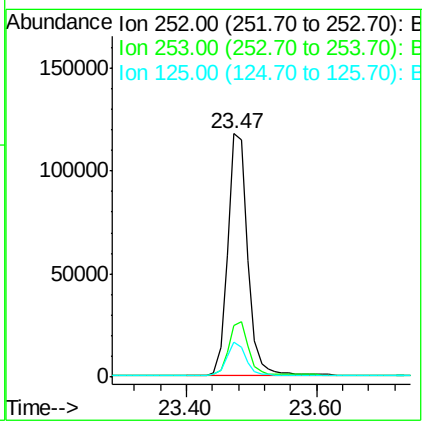


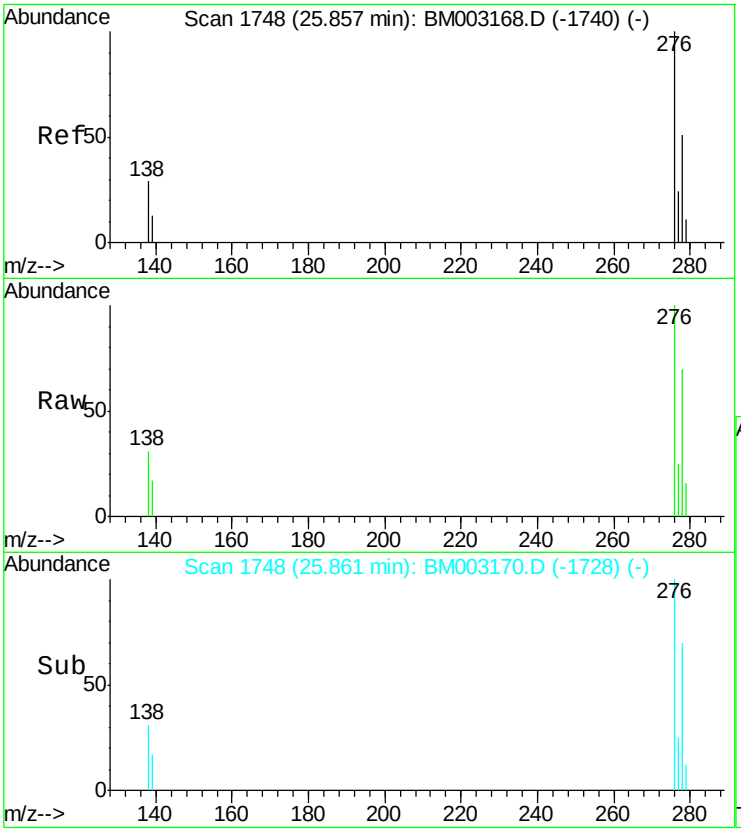


#25
Benzo(a)pyrene
Concen: 1.67 ng/ul
RT: 23.47 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Tgt Ion:252 Resp: 249663

Ion	Ratio	Lower	Upper
252	100		
253	21.2	19.4	29.2
125	14.3	12.7	19.1



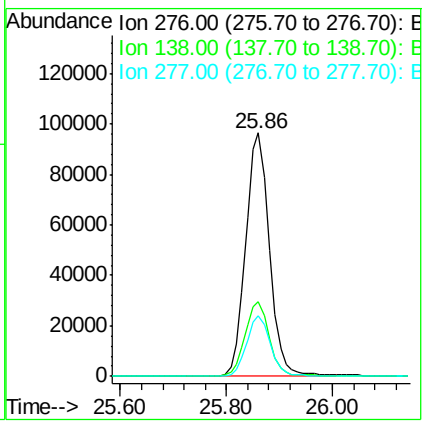


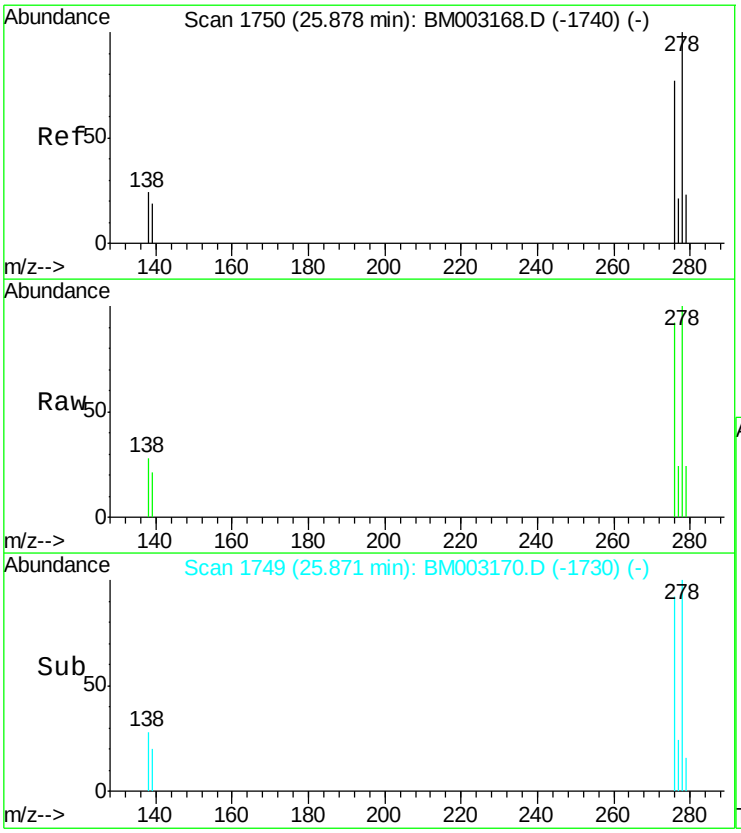
#26
Indeno(1,2,3-cd)pyrene
Concen: 1.81 ng/ul
RT: 25.86 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Instrument :
BNA_M
ClientSampleId :
SSTD1.649

Tgt Ion:276 Resp: 298912

Ion	Ratio	Lower	Upper
276	100		
138	30.9	0.0	0.0#
277	24.8	0.0	0.0#

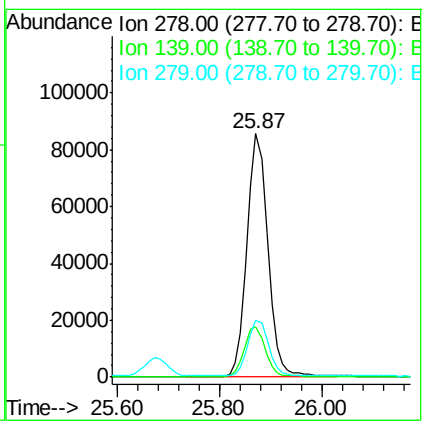


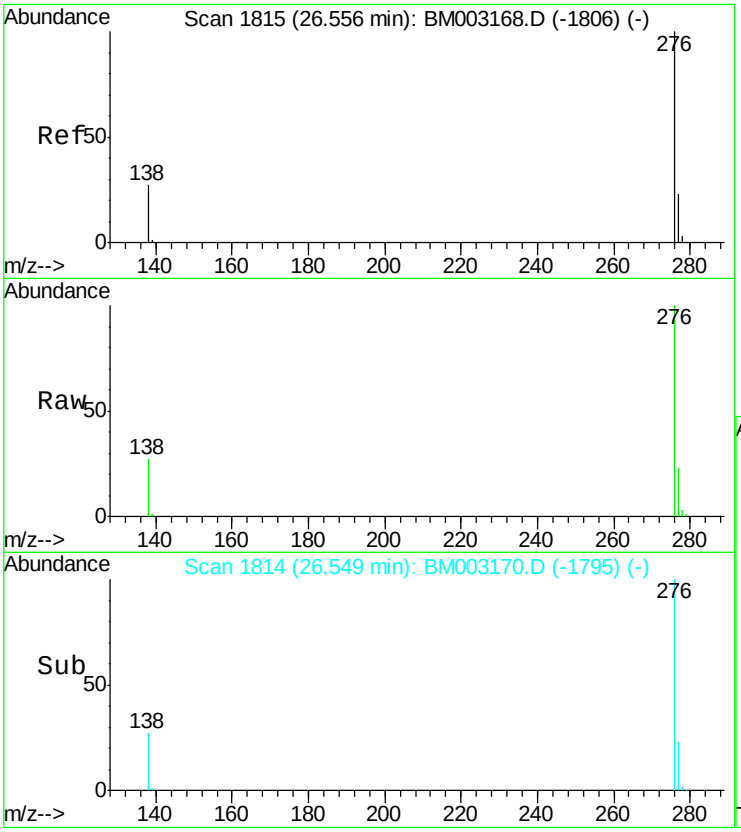


#27
Dibenzo(a,h)anthracene
Concen: 1.81 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Tgt Ion:278 Resp: 243700

Ion	Ratio	Lower	Upper
278	100		
139	20.6	16.4	24.6
279	23.5	20.2	30.2





#28
Benzo(g,h,i)perylene
Concen: 1.80 ng/ul
RT: 26.55 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BM003170.D
Acq: 18 Nov 2015 21:10

Instrument :
BNA_M
ClientSampleId :
SSTD1.649

Tgt Ion:276 Resp: 251086

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.9	28.3
138	27.4	22.5	33.7