Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
Data File : BM003552.D
Acq On : 15 Dec 2015 17:12
Operator : UM/IZ
Sample : SSTD0.850
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.850

Quant Time: Dec 15 17:55:30 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 : Tue Dec 15 17:40:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	5024	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	18149	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	8671	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	17211	0.40	ng/ul	0.00
18) Chrysene-d12	21.31	240	18599	0.40	ng/ul	0.00
22) Perylene-d12	23.57	264	14592	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	8463	1.58	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	16508	0.67	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	27637	0.66	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.21	88	10381	1.70	ng/ul#	100
5) Naphthalene	10.55	128	32117	0.69	ng/ul	97
7) 2-Methylnaphthalene	12.17	142	21156	0.70	ng/ul	100
9) Acenaphthylene	14.07	152	26232	0.73	ng/ul	96
10) Acenaphthene	14.42	153	20879	0.69	ng/ul	85
11) Fluorene	15.41	166	22904	0.69	ng/ul#	80
13) Pentachlorophenol	16.76	266	1873	0.46	ng/ul	95
14) Phenanthrene	17.24	178	29172	0.58	ng/ul	99
15) Anthracene	17.24	178	30323	0.73	ng/ul	98
17) Fluoranthene	19.18	202	36940	0.67	ng/ul	93
19) Pyrene	19.54	202	37131	0.58	ng/ul	95
20) Benzo(a)anthracene	21.29	228	33921	0.63	ng/ul	94
21) Chrysene	21.35	228	36380	0.60	ng/ul	94
23) Benzo(b)fluoranthene	22.89	252	37627	0.68	ng/ul	95
24) Benzo(k)fluoranthene	22.93	252	32431	0.62	ng/ul	98
25) Benzo(a)pyrene	23.46	252	32542	0.66	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.84	276	39577	0.67	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.85	278	32061	0.67	ng/ul	99
28) Benzo(g,h,i)perylene	26.54	276	34430	0.67	ng/ul	96

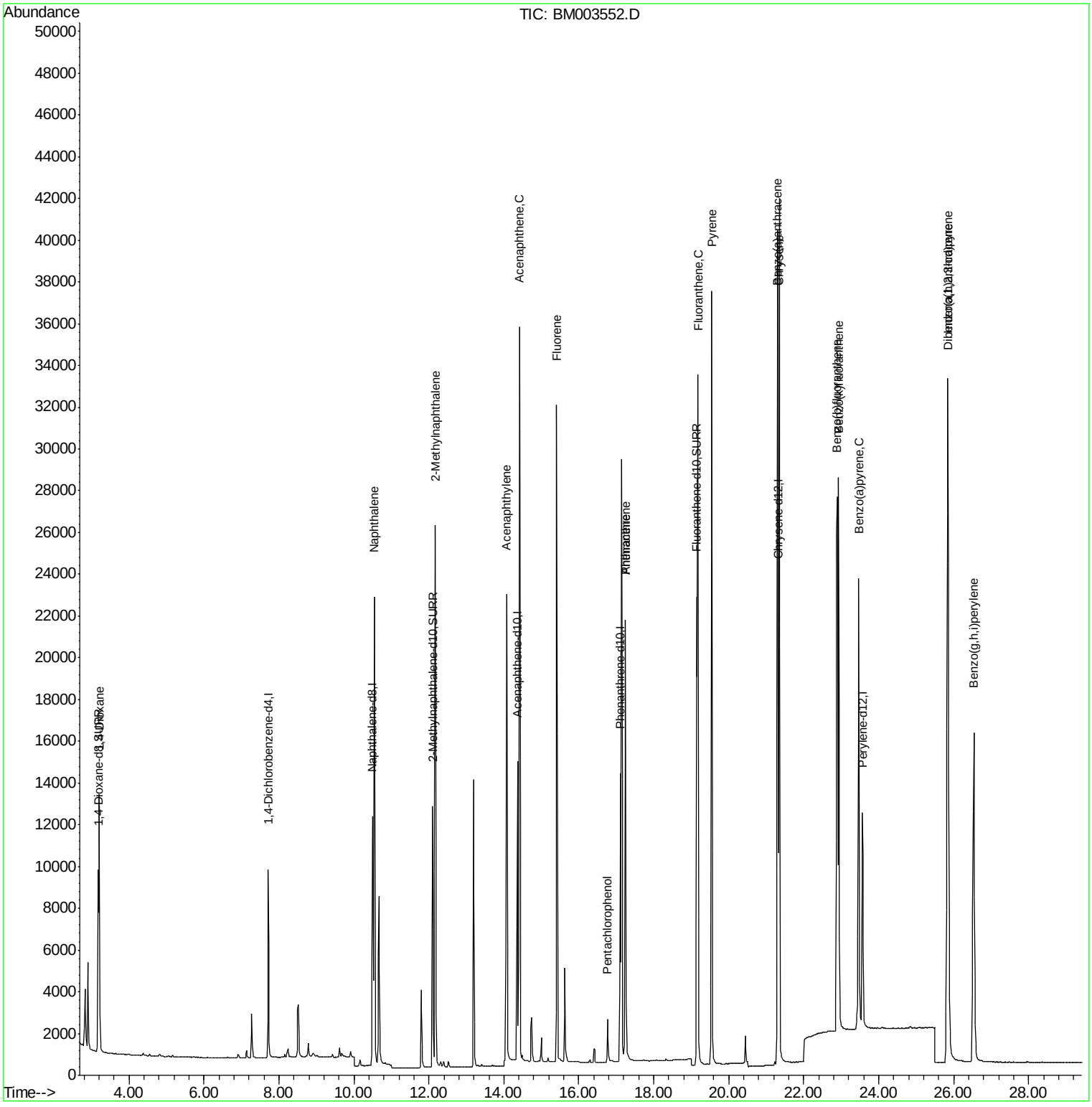
(#) = qualifier out of range (m) = manual integration (+) = signals summed

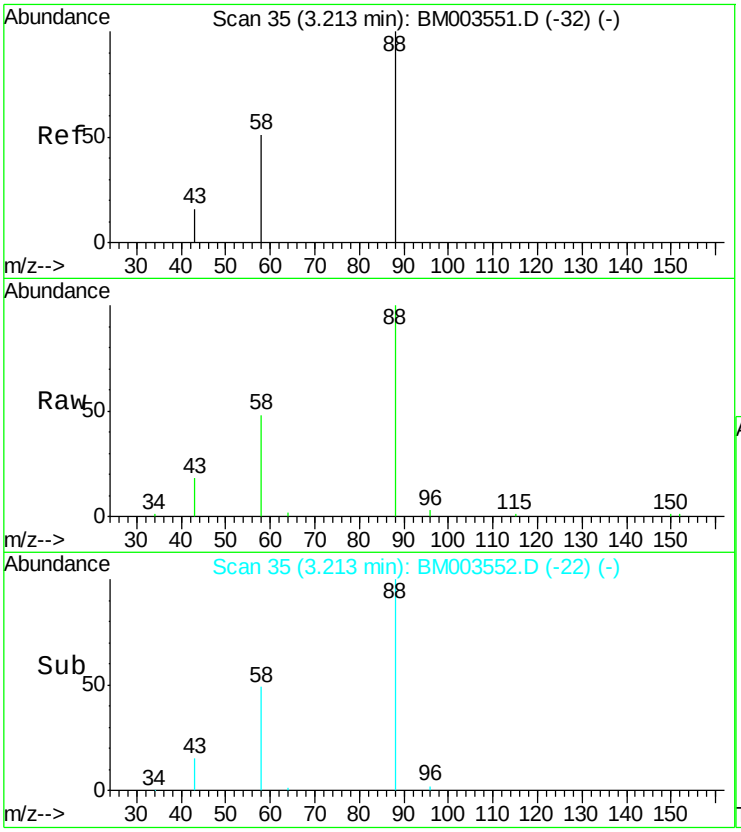
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
Data File : BM003552.D
Acq On : 15 Dec 2015 17:12
Operator : UM/IZ
Sample : SSTD0.850
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.850

Quant Time: Dec 15 17:55:30 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 : Tue Dec 15 17:40:54 2015
Response via : Initial Calibration



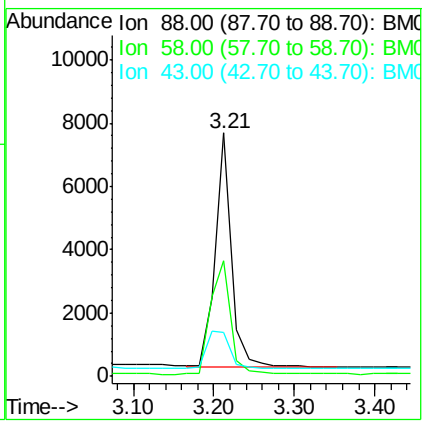


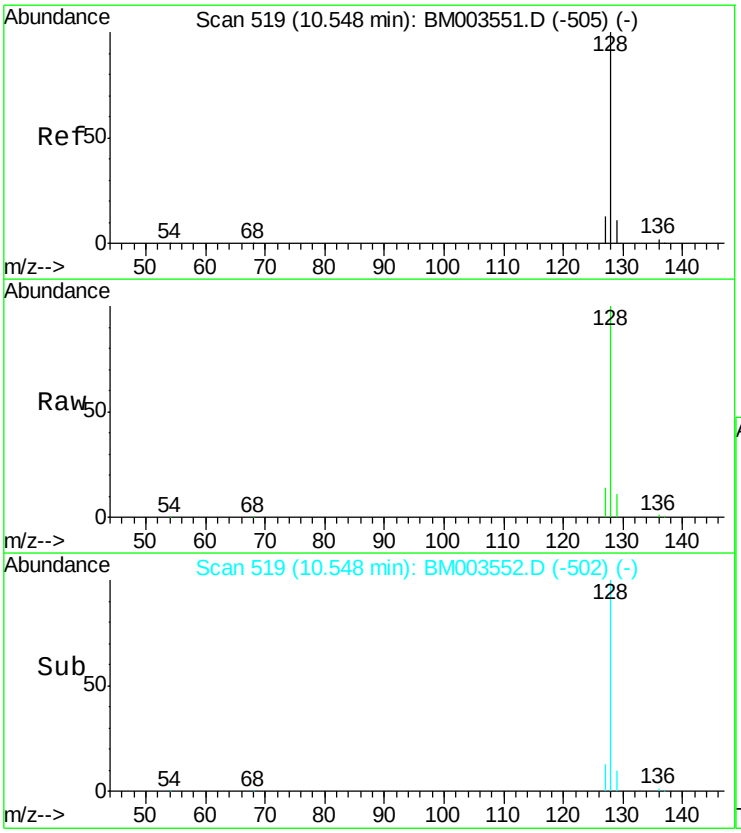
#3
1,4-Dioxane
Concen: 1.70 ng/ul
RT: 3.21 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.850

Tgt Ion: 88 Resp: 10381

Ion	Ratio	Lower	Upper
88	100		
58	59.8	0.0	0.0#
43	22.7	0.0	0.0#

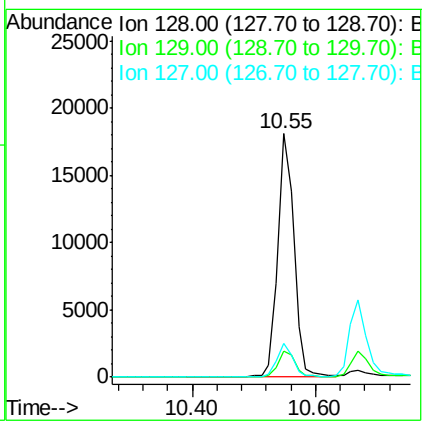


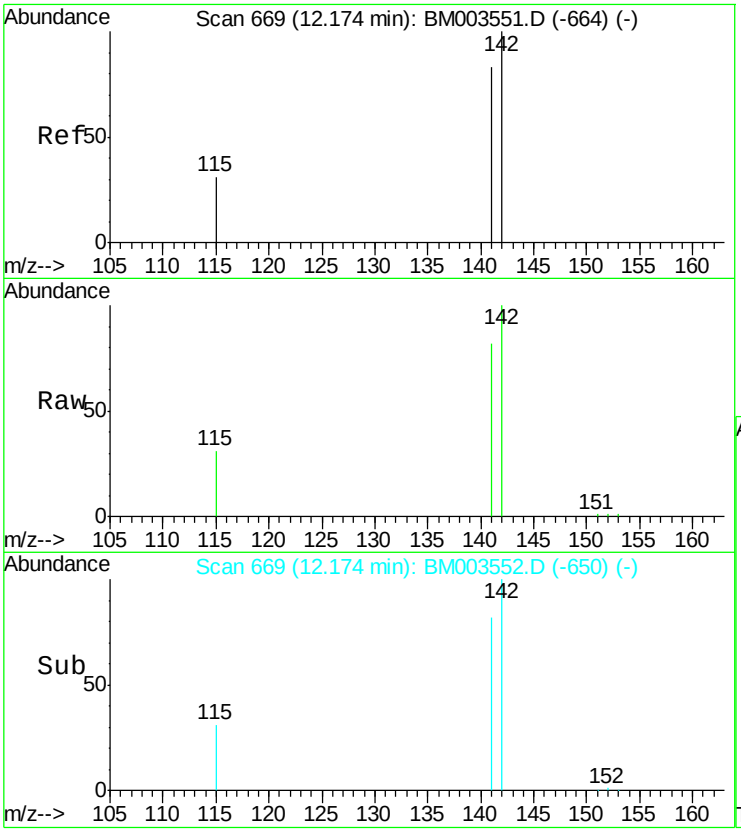


#5
Naphthalene
Concen: 0.69 ng/ul
RT: 10.55 min Scan# 519
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Tgt Ion:128 Resp: 32117

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	13.6	9.6	14.4



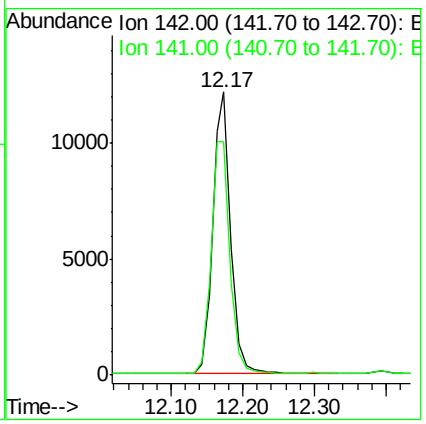


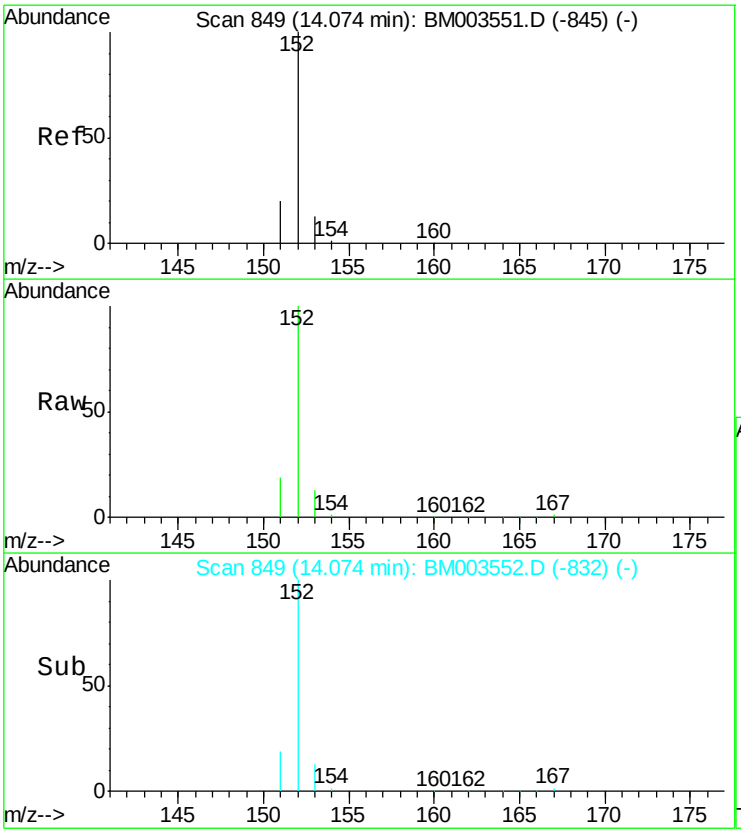
#7
2-Methylnaphthalene
Concen: 0.70 ng/ul
RT: 12.17 min Scan# 669
Delta R.T. 0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.850

Tgt Ion:142 Resp: 21156

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.3	105.5

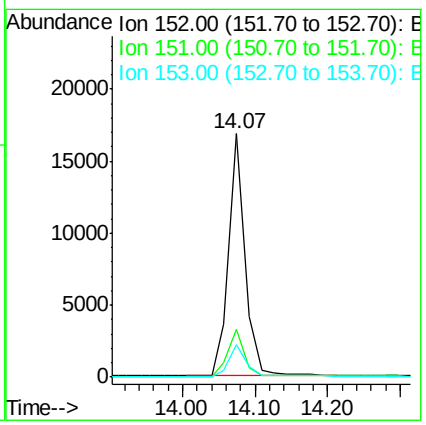


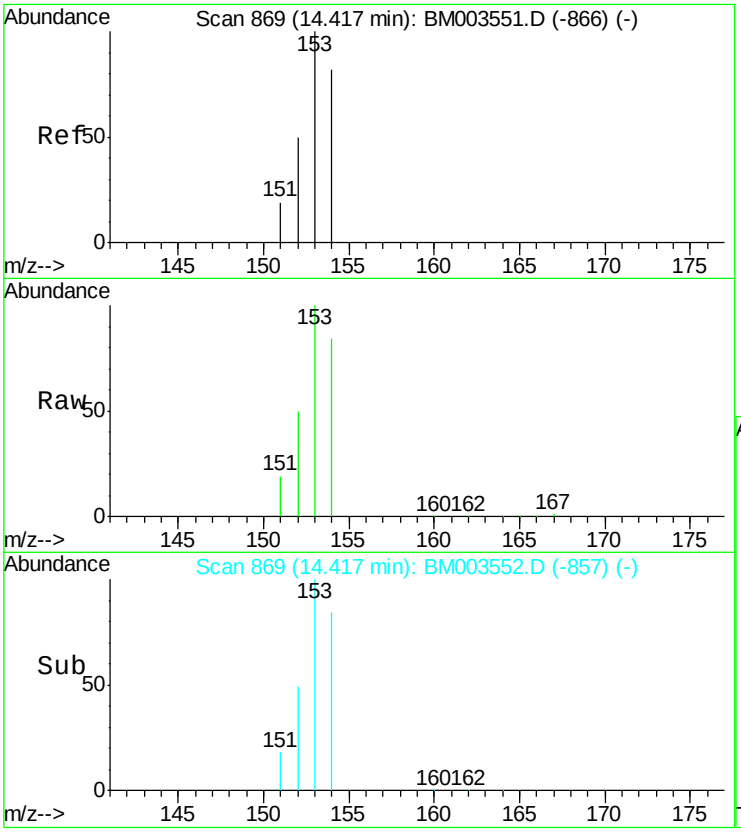


#9
Acenaphthylene
Concen: 0.73 ng/ul
RT: 14.07 min Scan# 849
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Tgt Ion:152 Resp: 26232

Ion	Ratio	Lower	Upper
152	100		
151	19.5	17.6	26.4
153	13.2	9.7	14.5



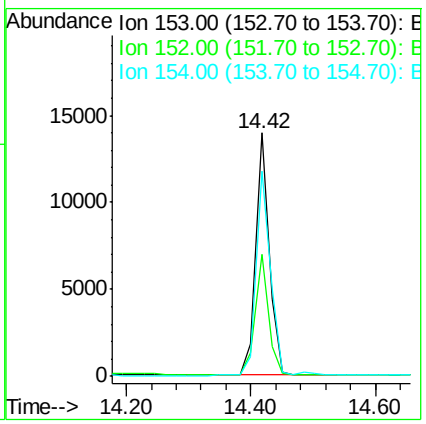


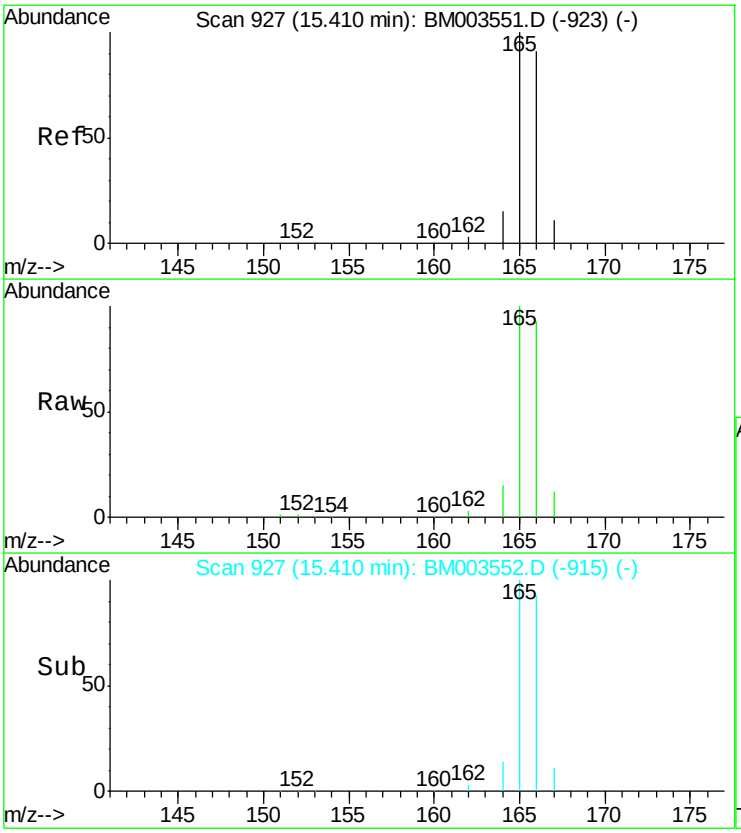
#10
Acenaphthene
Concen: 0.69 ng/ul
RT: 14.42 min Scan# 869
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.850

Tgt Ion:153 Resp: 20879

Ion	Ratio	Lower	Upper
153	100		
152	50.3	33.9	50.9
154	84.2	80.6	121.0

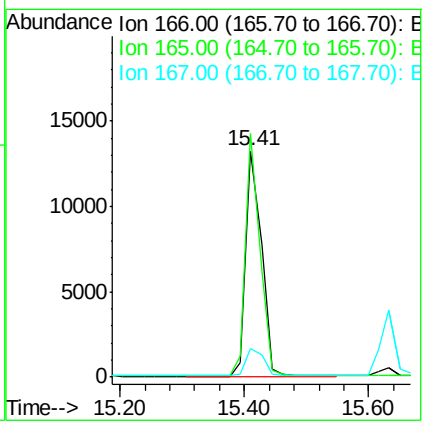


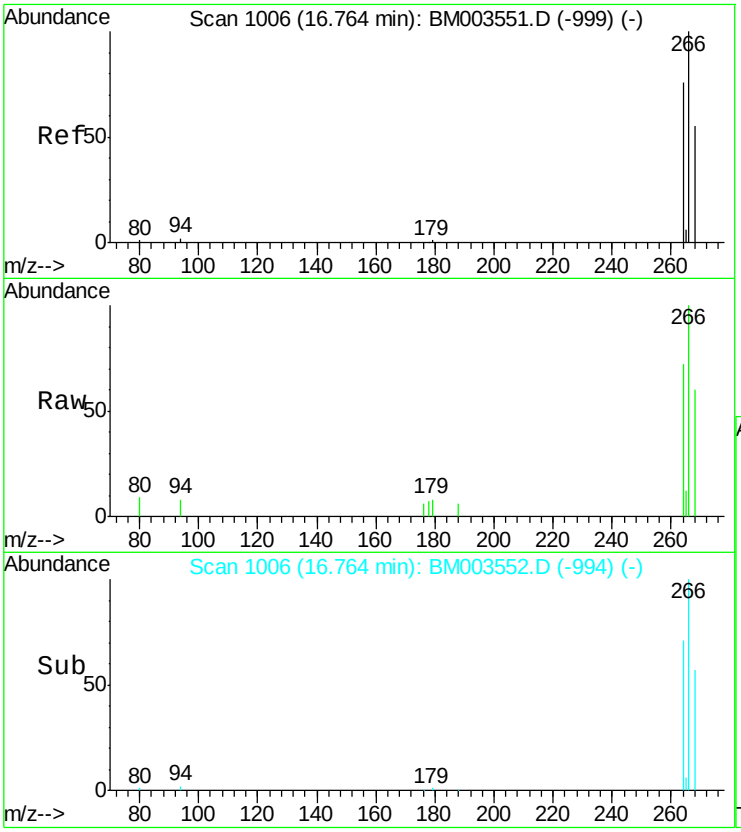


#11
Fluorene
Concen: 0.69 ng/ul
RT: 15.41 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Tgt Ion:166 Resp: 22904

Ion	Ratio	Lower	Upper
166	100		
165	107.8	69.6	104.4#
167	12.8	11.9	17.9



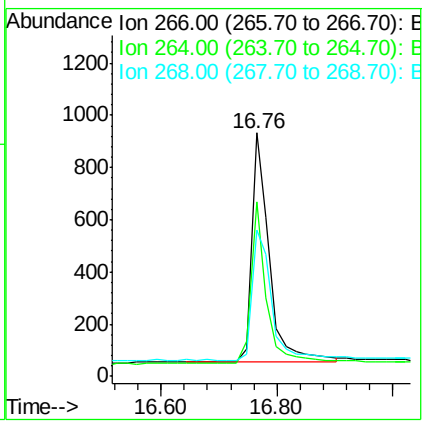


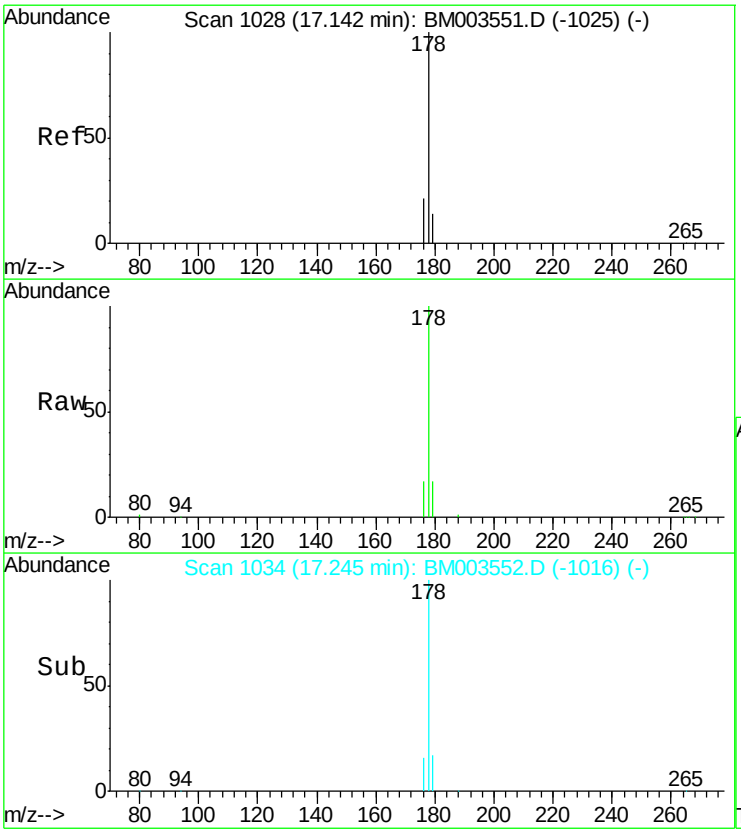
#13
Pentachlorophenol
Concen: 0.46 ng/ul
RT: 16.76 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.850

Tgt Ion:266 Resp: 1873

Ion	Ratio	Lower	Upper
266	100		
264	62.6	51.8	77.8
268	63.5	46.8	70.2

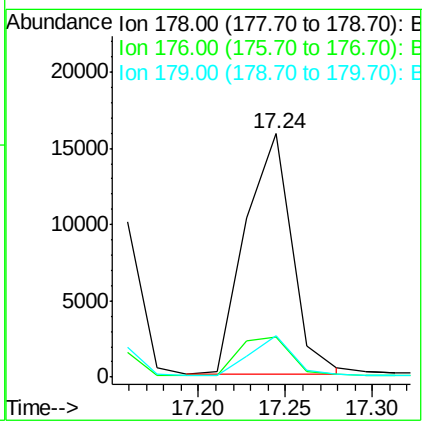


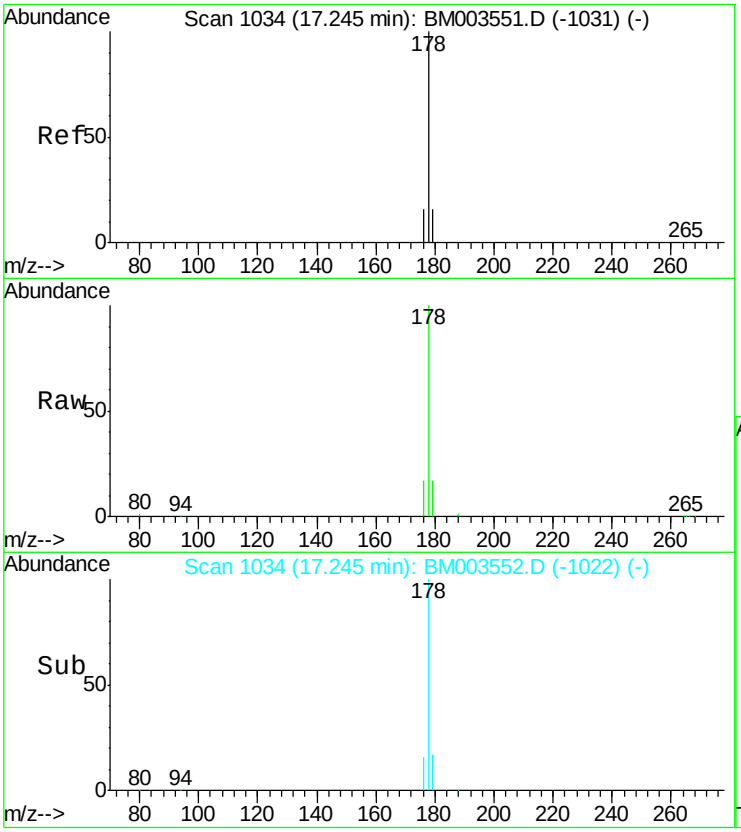


#14
Phenanthrene
Concen: 0.58 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. 0.10 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Tgt Ion:178 Resp: 29172

Ion	Ratio	Lower	Upper
178	100		
176	16.7	13.0	19.4
179	17.0	14.2	21.2



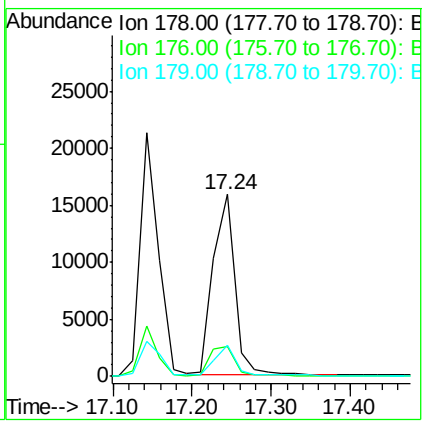


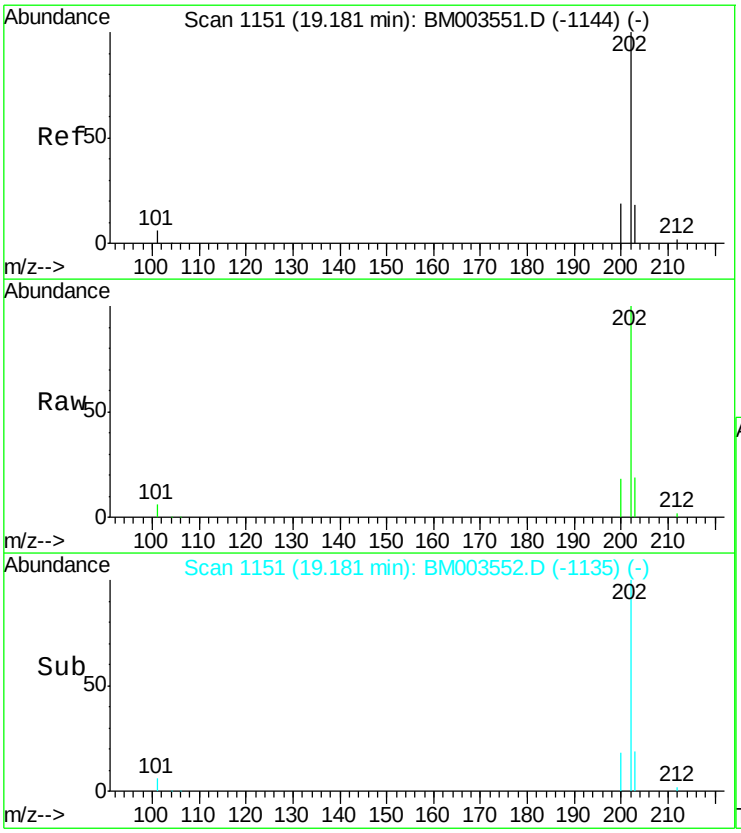
#15
Anthracene
Concen: 0.73 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.850

Tgt Ion:178 Resp: 30323

Ion	Ratio	Lower	Upper
178	100		
176	16.7	14.0	21.0
179	17.0	12.9	19.3

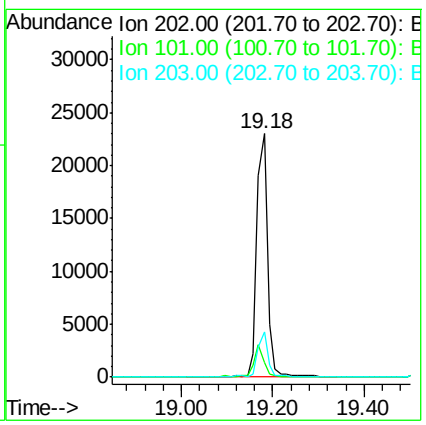


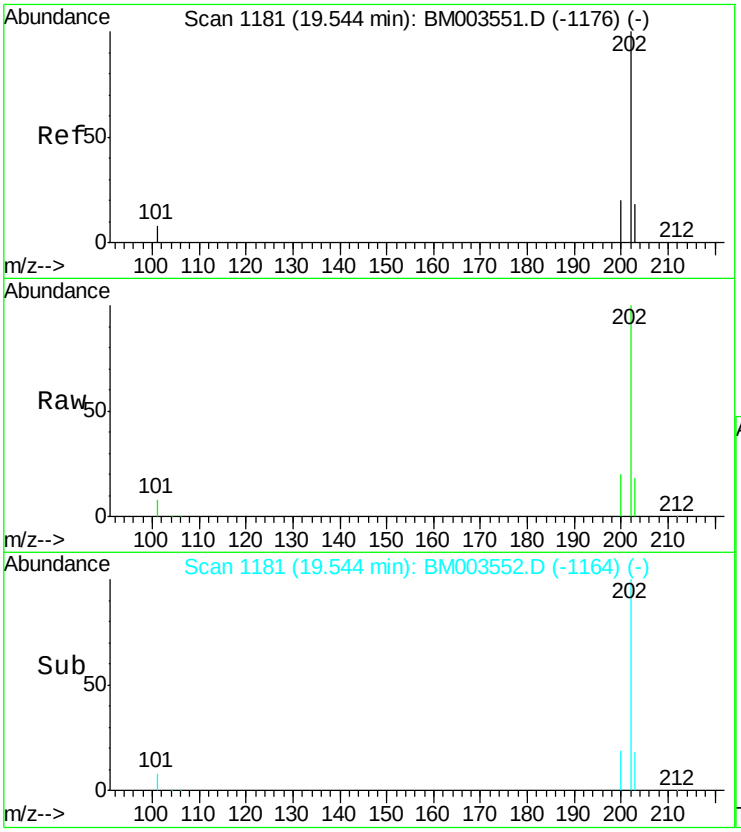


#17
Fluoranthene
Concen: 0.67 ng/ul
RT: 19.18 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Tgt Ion:202 Resp: 36940

Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	29.6
203	18.7	0.0	36.3



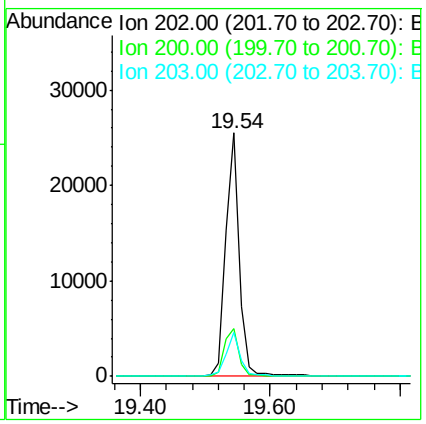


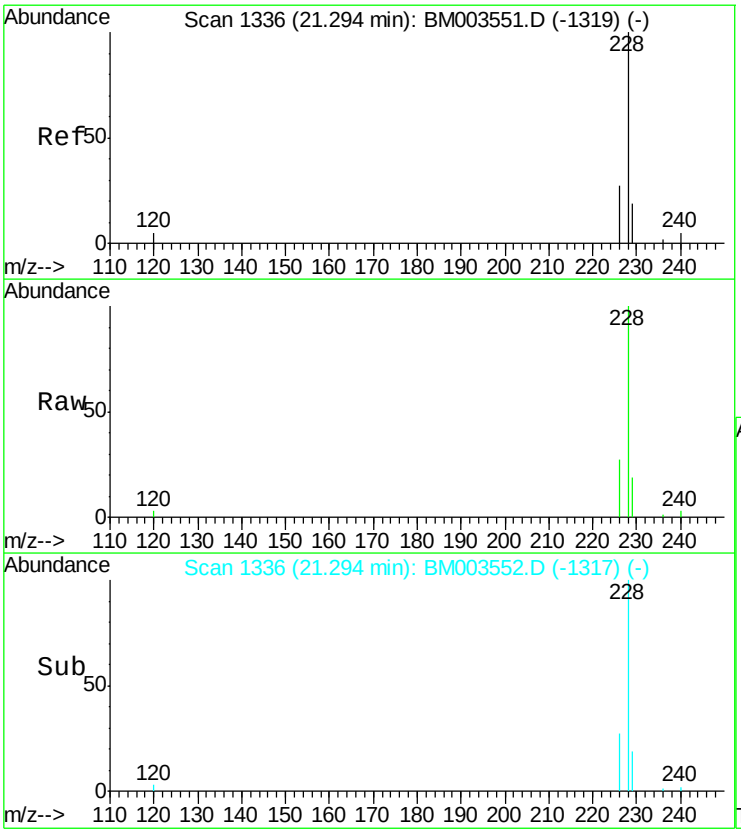
#19
Pyrene
Concen: 0.58 ng/ul
RT: 19.54 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.850

Tgt Ion:202 Resp: 37131

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.8	26.8
203	18.0	12.8	19.2

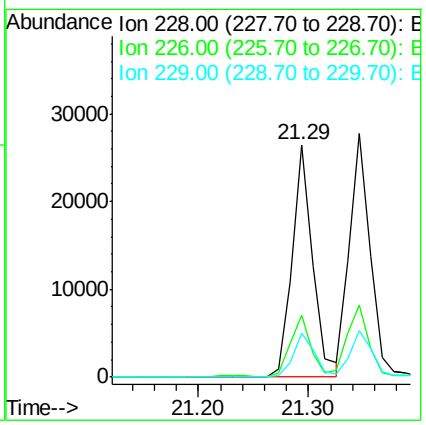


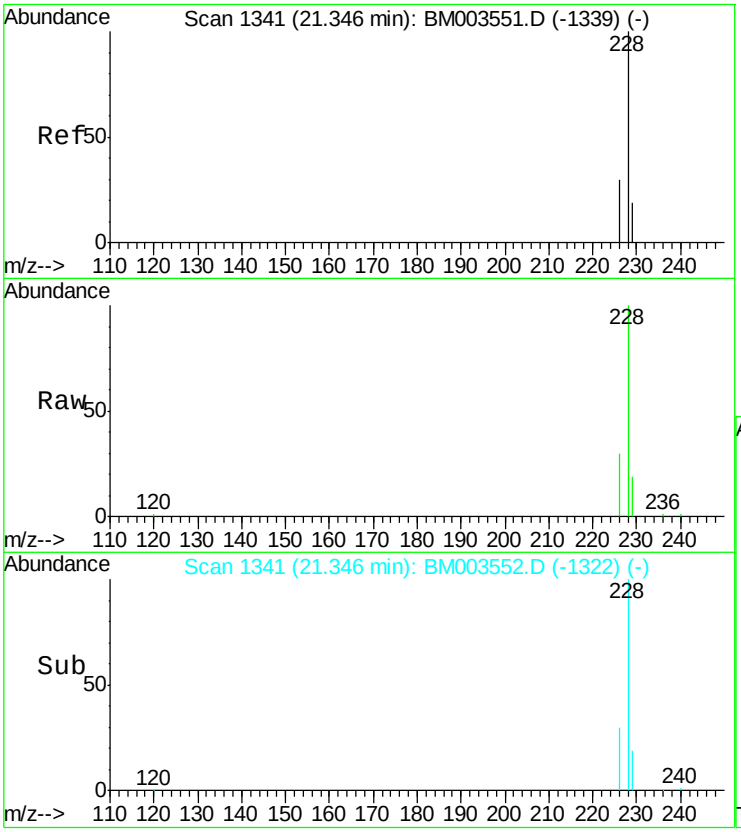


#20
Benzo(a)anthracene
Concen: 0.63 ng/ul
RT: 21.29 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Tgt Ion:228 Resp: 33921

Ion	Ratio	Lower	Upper
228	100		
226	26.8	18.8	28.2
229	19.1	17.1	25.7



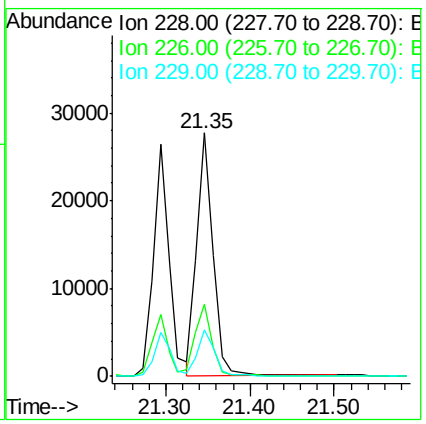


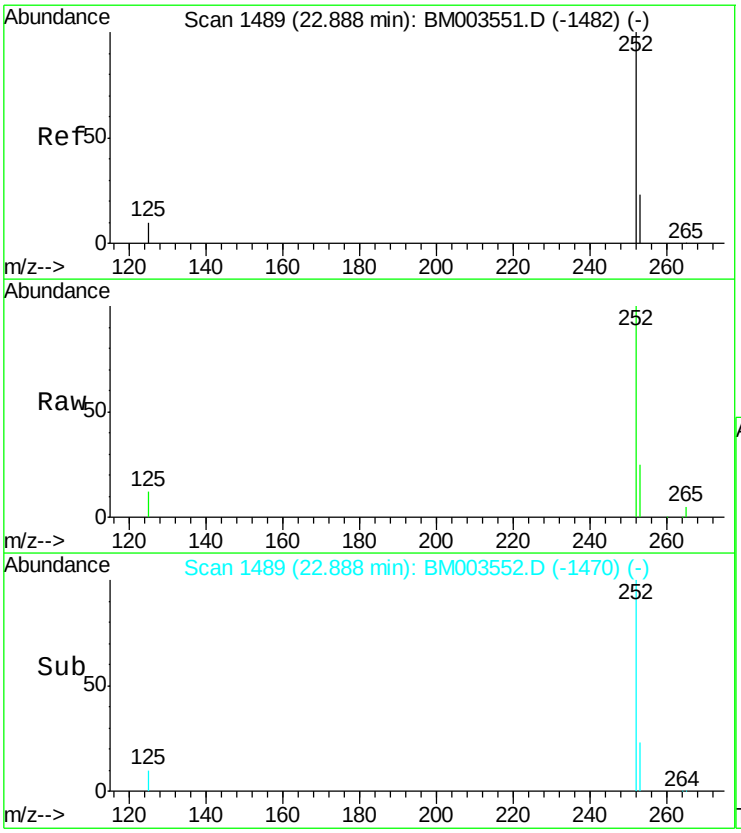
#21
Chrysene
Concen: 0.60 ng/ul
RT: 21.35 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.850

Tgt Ion:228 Resp: 36380

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.2	31.8
229	19.2	17.0	25.6

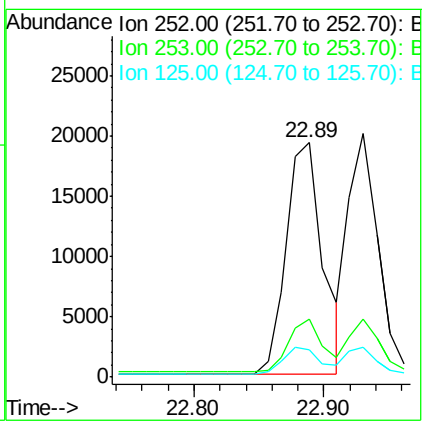


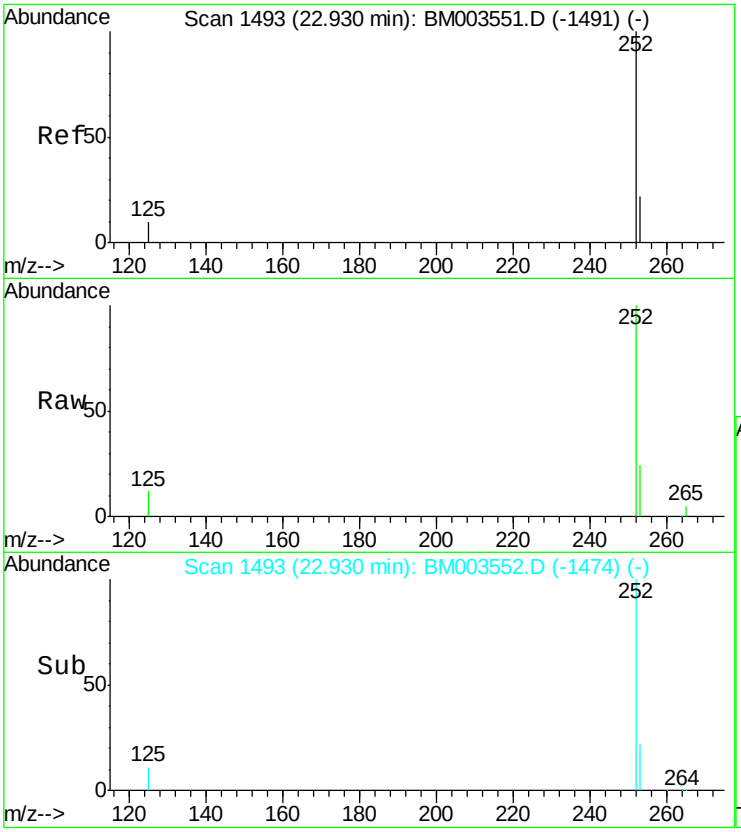


#23
Benzo(b)fluoranthene
Concen: 0.68 ng/ul
RT: 22.89 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Tgt Ion:252 Resp: 37627

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	45.4
125	11.6	0.0	28.8



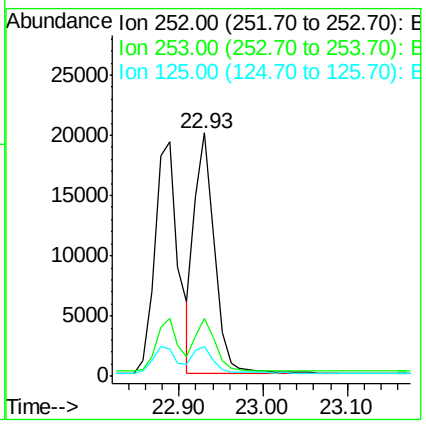


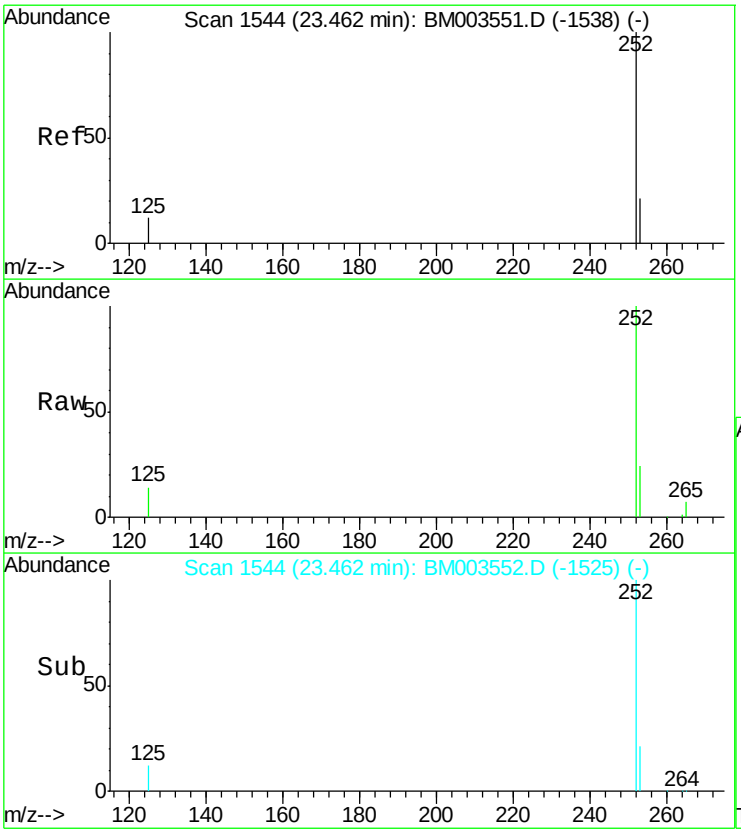
#24
Benzo(k)fluoranthene
Concen: 0.62 ng/ul
RT: 22.93 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.850

Tgt Ion:252 Resp: 32431

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.8	29.8
125	12.1	10.4	15.6

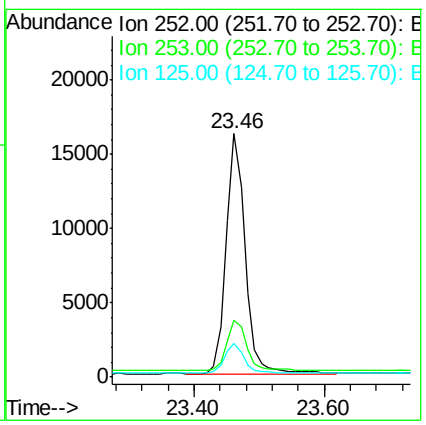


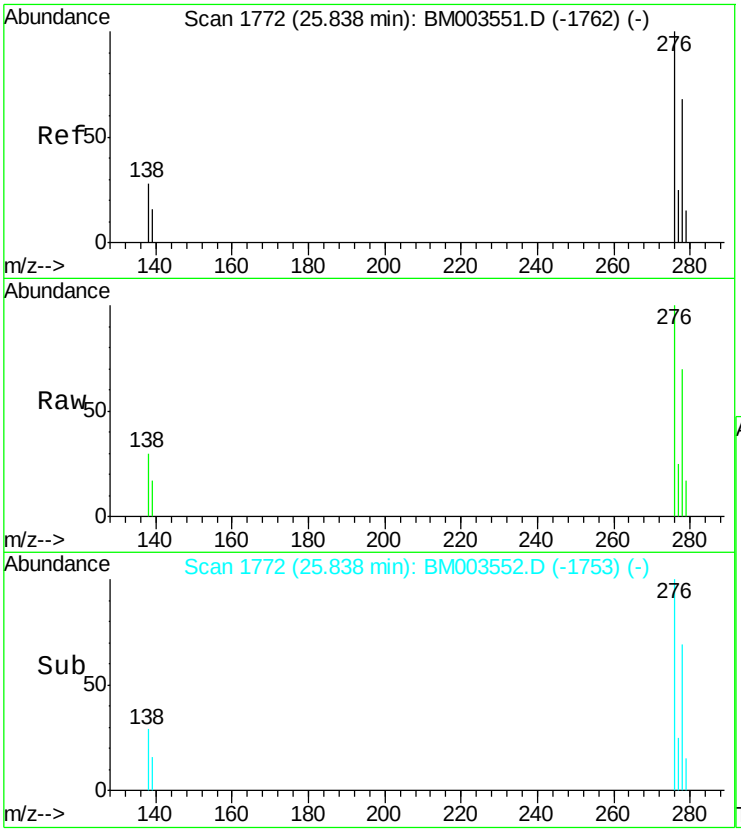


#25
Benzo(a)pyrene
Concen: 0.66 ng/ul
RT: 23.46 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Tgt Ion:252 Resp: 32542

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.4	29.2
125	14.0	12.7	19.1



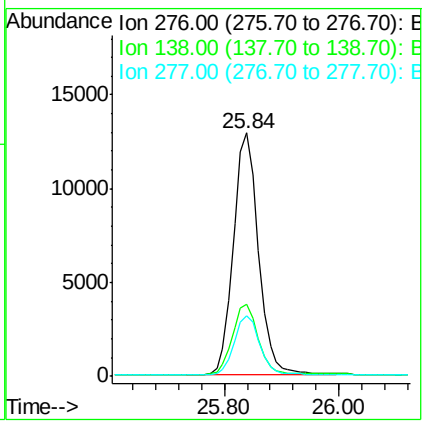


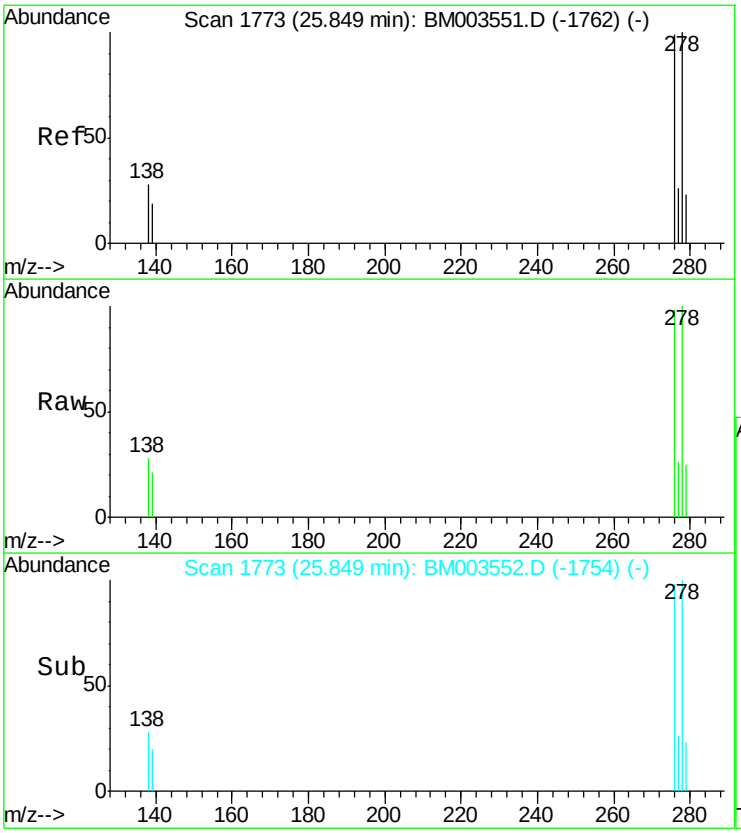
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.67 ng/ul
RT: 25.84 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.850

Tgt Ion:276 Resp: 39577

Ion	Ratio	Lower	Upper
276	100		
138	29.6	16.3	24.5#
277	24.8	19.8	29.8

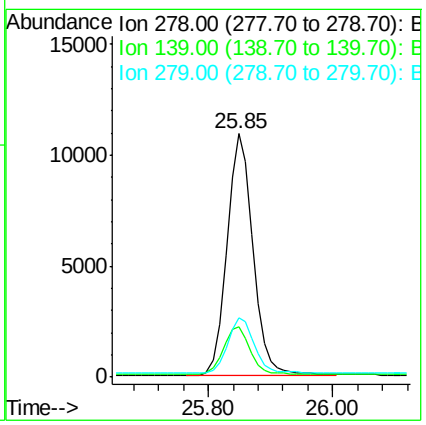


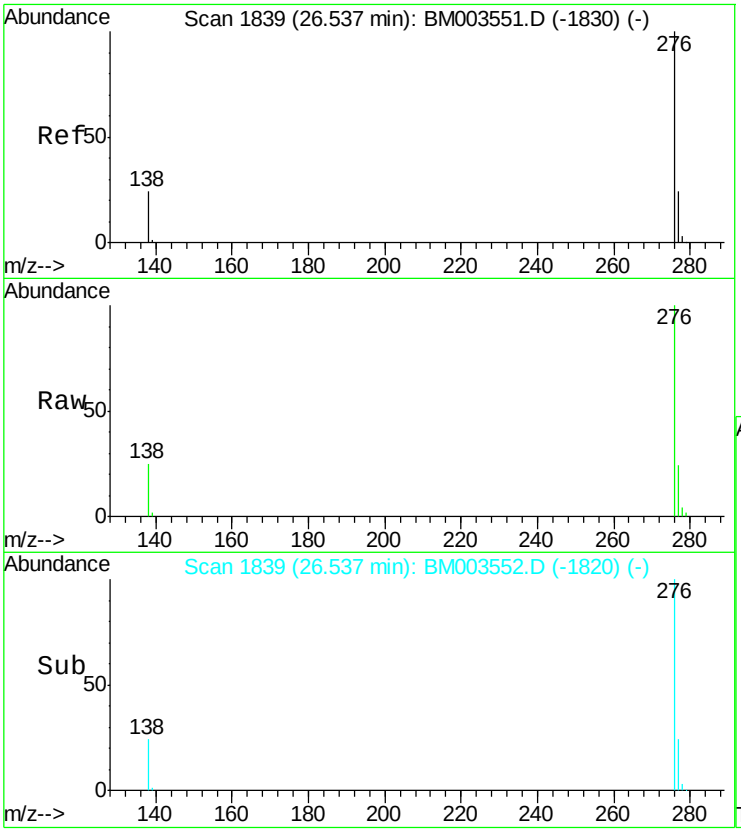


#27
Dibenzo(a,h)anthracene
Concen: 0.67 ng/ul
RT: 25.85 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Tgt Ion:278 Resp: 32061

Ion	Ratio	Lower	Upper
278	100		
139	20.5	16.4	24.6
279	24.5	20.2	30.2





#28
Benzo(g,h,i)perylene
Concen: 0.67 ng/ul
RT: 26.54 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.850

Tgt Ion:276 Resp: 34430

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	25.2	22.5	33.7