Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002573.D
Acq On : 29 Aug 2015 20:20
Operator : UM/IZ
Sample : G3455-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9E77

Quant Time: Aug 31 01:13:14 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	152761	20.00	ng/ul	0.00
2) Naphthalene-d8	11.64	136	653599	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.36	164	297734	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	518774	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	495724	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	508130	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	508453	16.70	ng/ul	0.00
10) Fluorene-d10	16.34	176	318313	14.89	ng/ul	0.00
14) Anthracene-d10	18.17	188	406903	16.26	ng/ul	0.00
18) Pyrene-d10	20.40	212	374195	17.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	313824	11.76	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	11.69	128	65623	1.97	ng/ul	99
4) 2-Methylnaphthalene	13.24	142	35816	1.43	ng/ul	94
5) 1-Methylnaphthalene	13.46	142	29831	1.21	ng/ul	98
8) Acenaphthylene	15.10	152	178878	5.61	ng/ul	99
11) Fluorene	16.39	166	63377	2.64	ng/ul#	97
13) Phenanthrene	18.12	178	998739	33.34	ng/ul	100
15) Anthracene	18.20	178	256499	8.45	ng/ul	100
16) Fluoranthene	20.07	202	1545243	45.56	ng/ul	95
19) Pyrene	20.43	202	1276103	43.94	ng/ul	97
20) Benzo(a)anthracene	22.14	228	787493	26.56	ng/ul	99
21) Chrysene	22.20	228	716443	25.84	ng/ul	96
23) Benzo(b)fluoranthene	23.98	252	996816	32.45	ng/ul	96
24) Benzo(k)fluoranthene	24.18	252	169444	5.82	ng/ul#	85
26) Benzo(a)pyrene	24.67	252	722597	24.63	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.56	276	547856	16.24	ng/ul	96
28) Dibenzo(a,h)anthracene	27.55	278	153551	5.44	ng/ul#	72
29) Benzo(g,h,i)perylene	28.43	276	522201	18.59	ng/ul	97

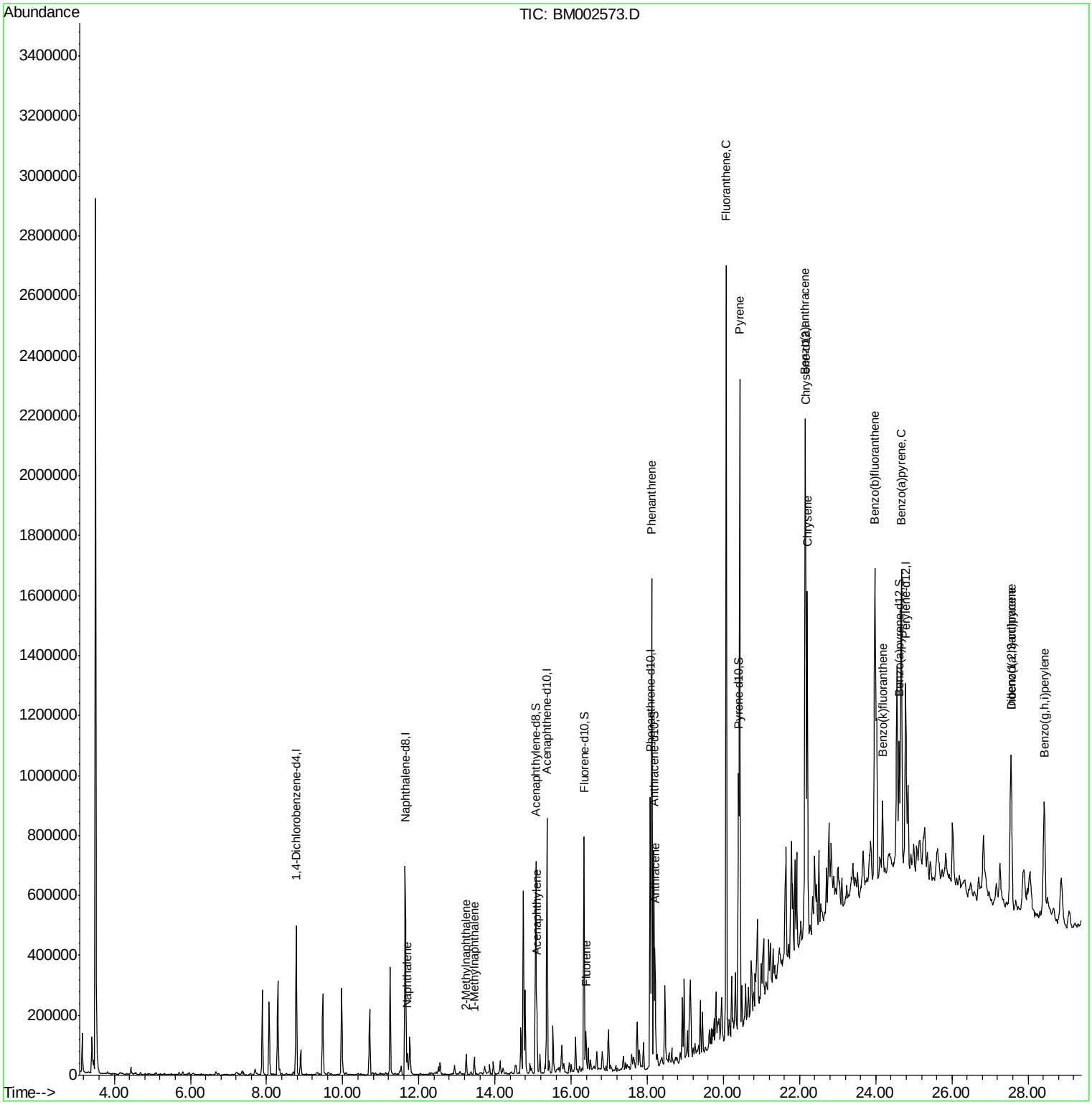
(#) = qualifier out of range (m) = manual integration (+) = signals summed

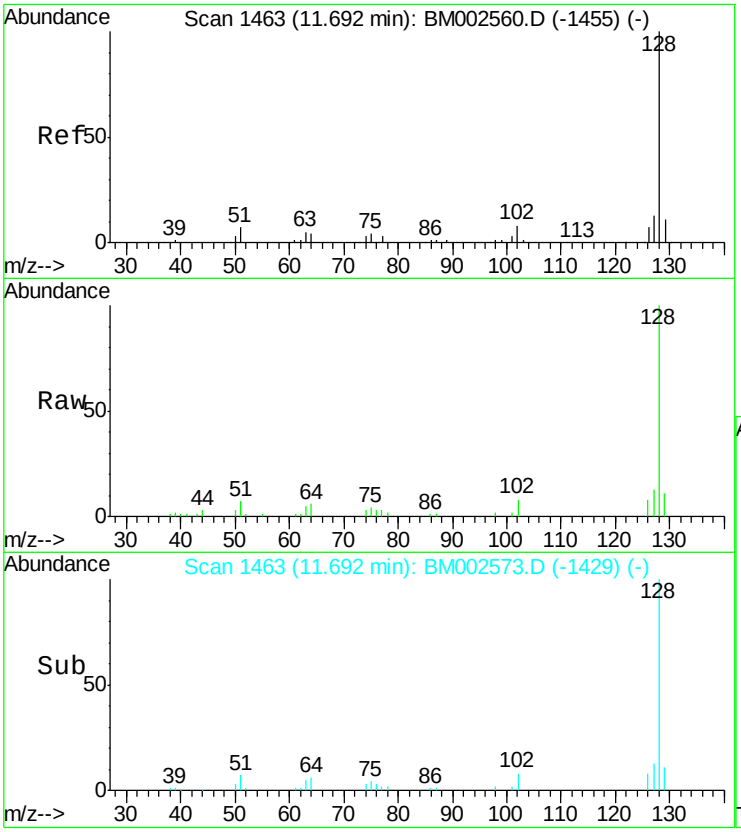
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002573.D
Acq On : 29 Aug 2015 20:20
Operator : UM/IZ
Sample : G3455-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9E77

Quant Time: Aug 31 01:13:14 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration



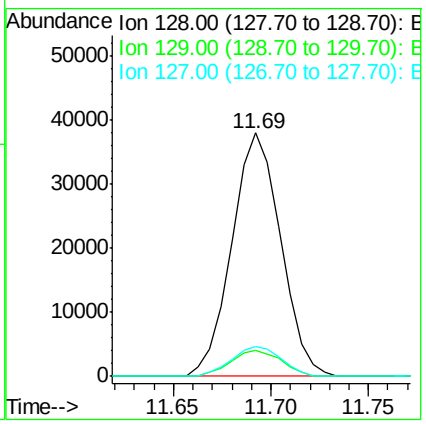


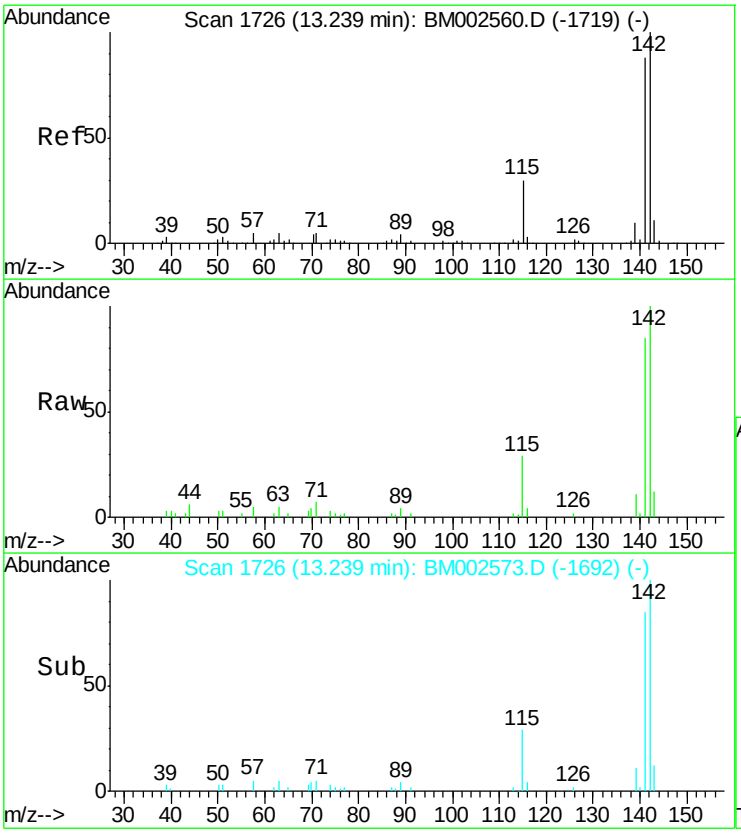
#3
Naphthalene
Concen: 1.97 ng/ul
RT: 11.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Instrument :
BNA_M
ClientSampleId :
D9E77

Tgt Ion:128 Resp: 65623

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.5	10.4	15.6

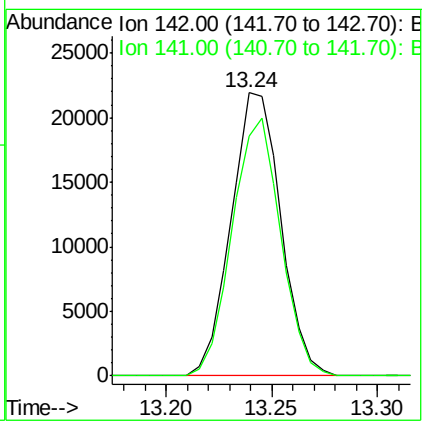


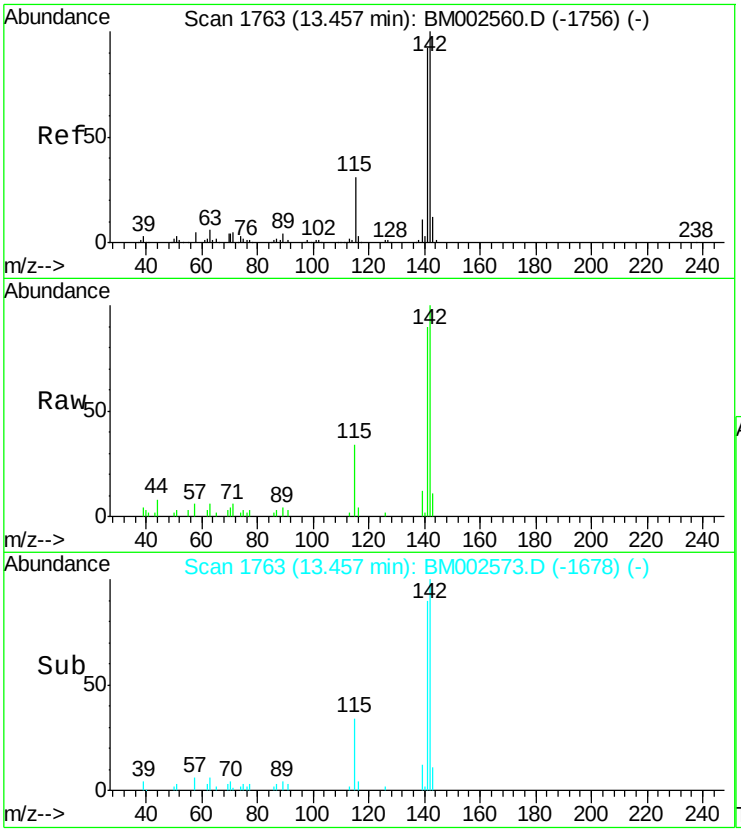


#4
2-Methylnaphthalene
Concen: 1.43 ng/ul
RT: 13.24 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Tgt Ion:142 Resp: 35816

Ion	Ratio	Lower	Upper
142	100		
141	84.8	72.2	108.2



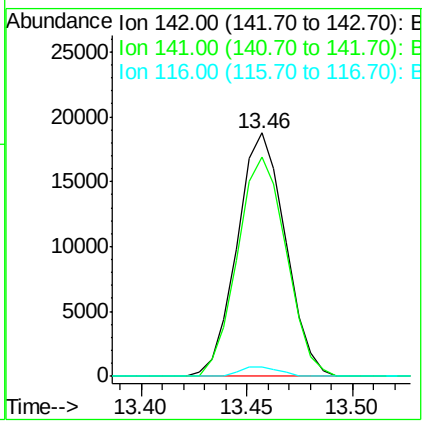


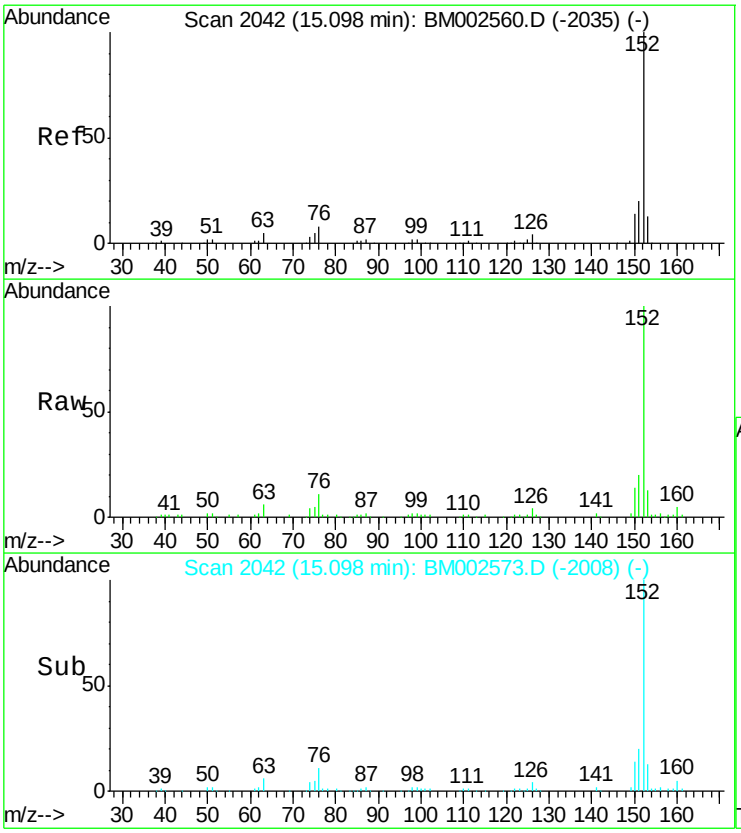
#5
1-Methylnaphthalene
Concen: 1.21 ng/ul
RT: 13.46 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Instrument :
BNA_M
ClientSampleId :
D9E77

Tgt Ion:142 Resp: 29831

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.9	110.9
116	3.6	3.0	4.4

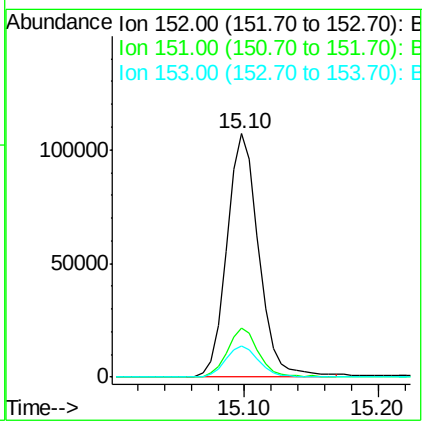


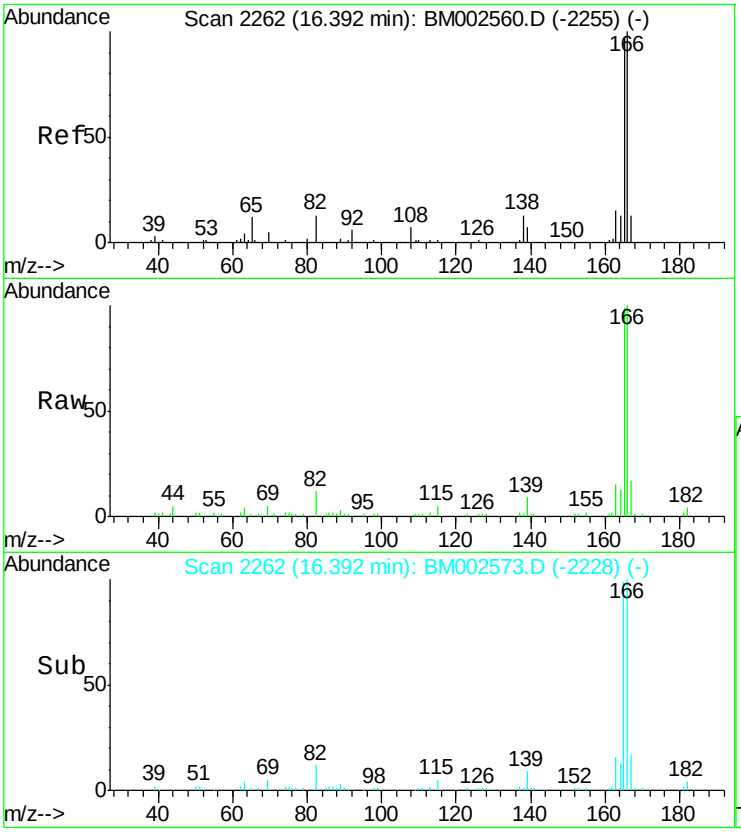


#8
Acenaphthylene
Concen: 5.61 ng/ul
RT: 15.10 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Tgt Ion:152 Resp: 178878

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.0	10.2	15.4



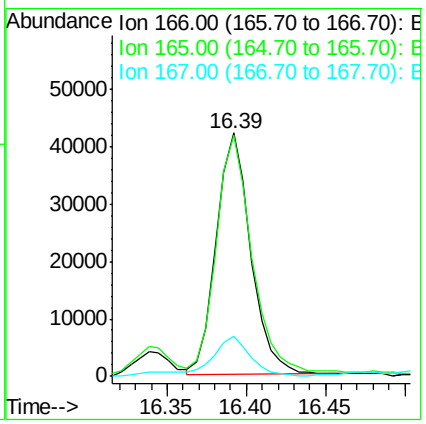


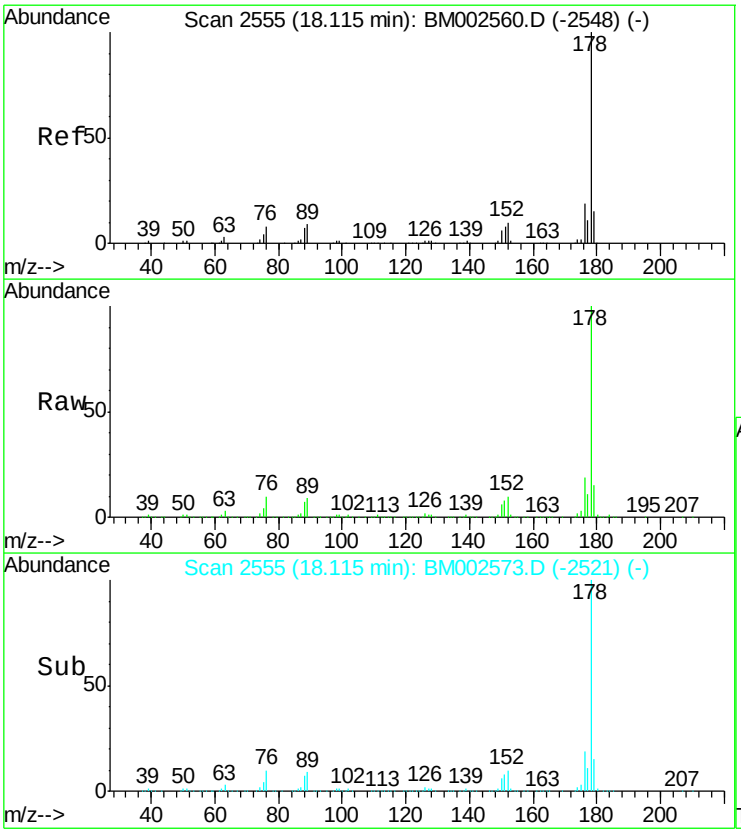
#11
Fluorene
Concen: 2.64 ng/ul
RT: 16.39 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Instrument :
BNA_M
ClientSampleId :
D9E77

Tgt Ion:166 Resp: 63377

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.6	116.4
167	16.6	10.7	16.1#

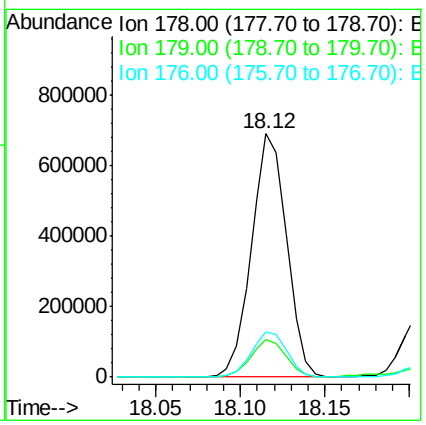


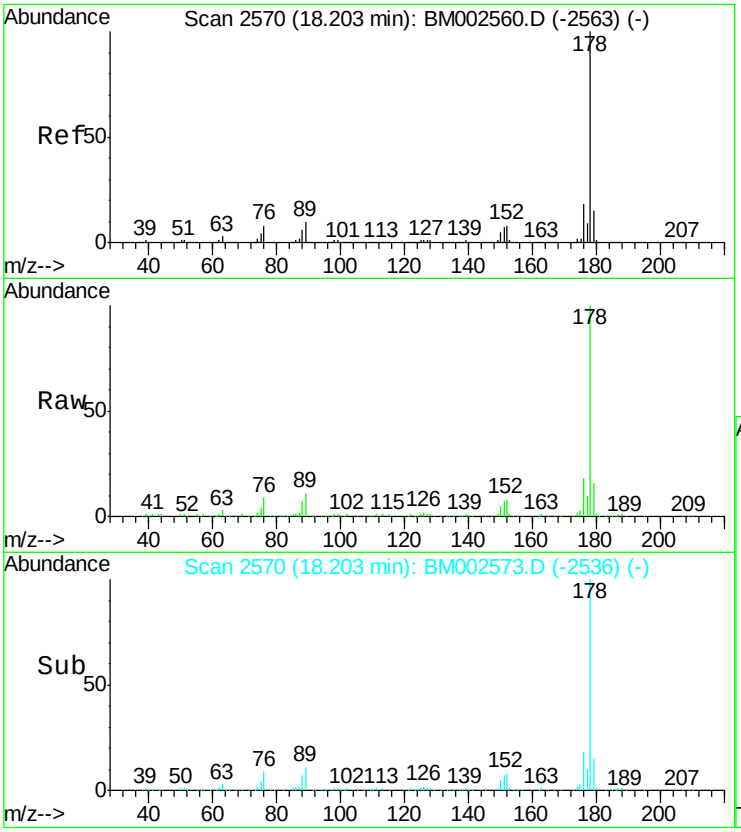


#13
Phenanthrene
Concen: 33.34 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Tgt Ion:178 Resp: 998739

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.7	15.1	22.7



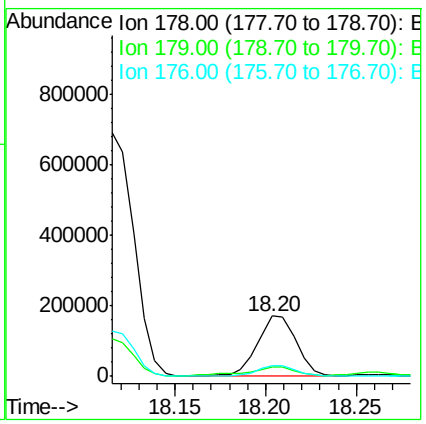


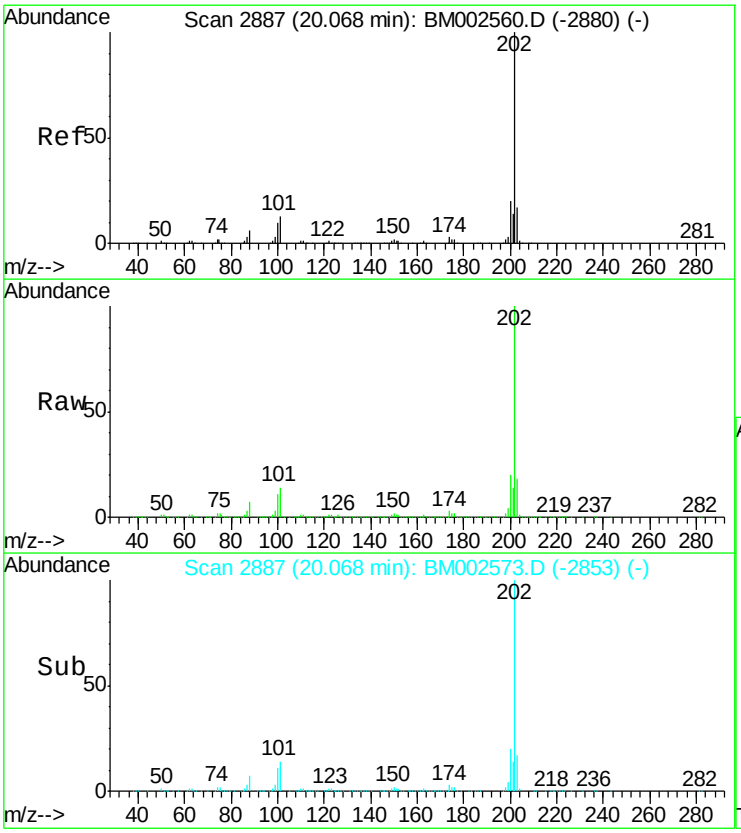
#15
Anthracene
Concen: 8.45 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. 0.00 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Instrument :
BNA_M
ClientSampleId :
D9E77

Tgt Ion:178 Resp: 256499

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	17.9	14.5	21.7

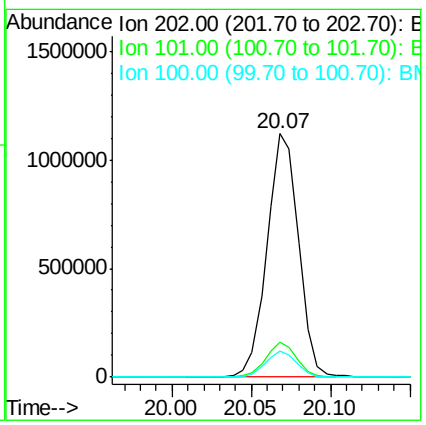


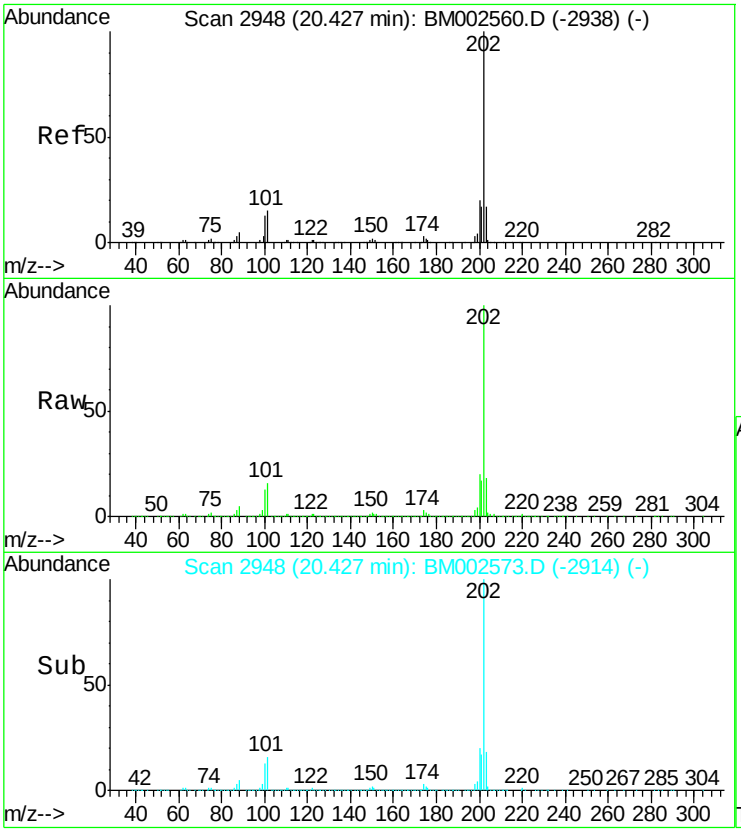


#16
Fluoranthene
Concen: 45.56 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Tgt Ion:202 Resp: 1545243

Ion	Ratio	Lower	Upper
202	100		
101	14.3	9.7	14.5
100	10.6	7.4	11.2



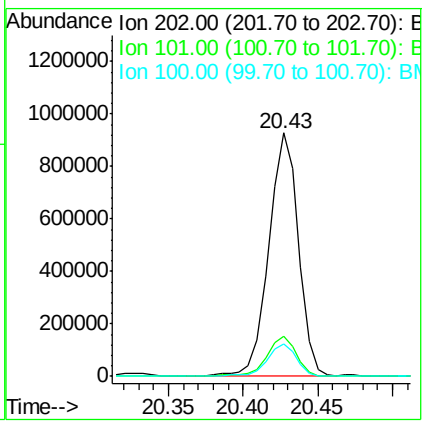


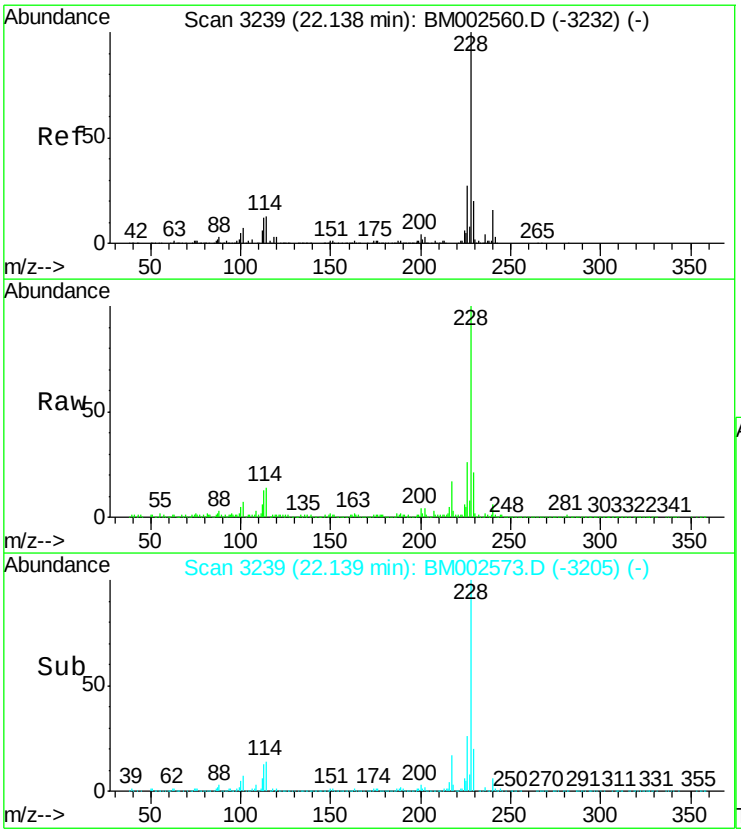
#19
Pyrene
Concen: 43.94 ng/ul
RT: 20.43 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Instrument :
BNA_M
ClientSampleId :
D9E77

Tgt Ion:202 Resp: 1276103

Ion	Ratio	Lower	Upper
202	100		
101	16.3	12.0	18.0
100	13.1	9.7	14.5

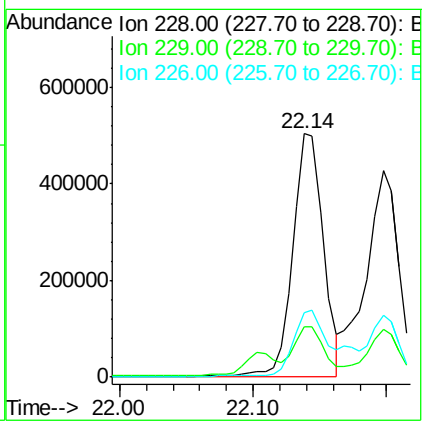


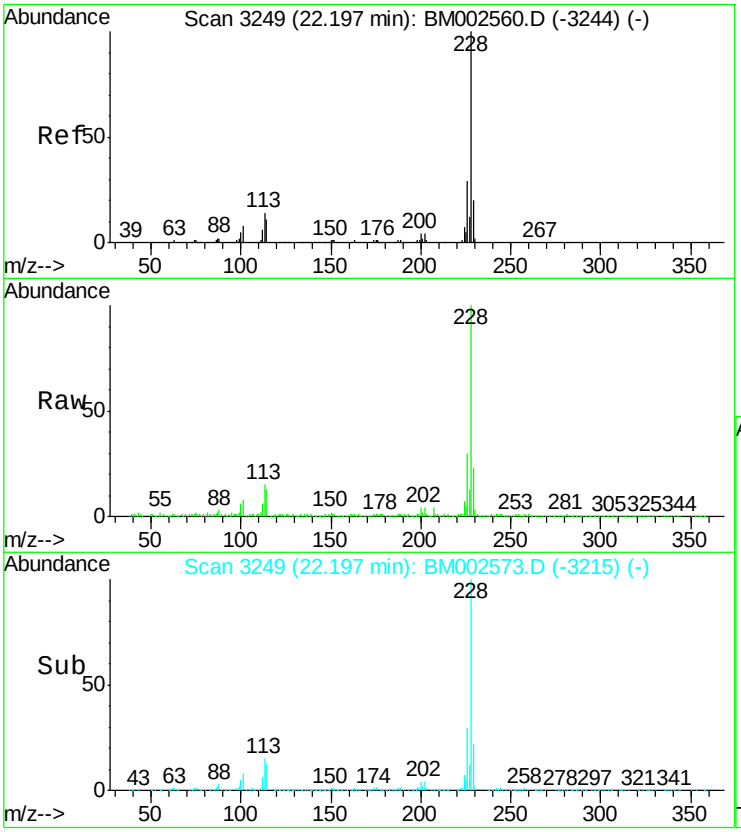


#20
Benzo(a)anthracene
Concen: 26.56 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Tgt Ion:228 Resp: 787493

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.6
226	26.3	21.1	31.7



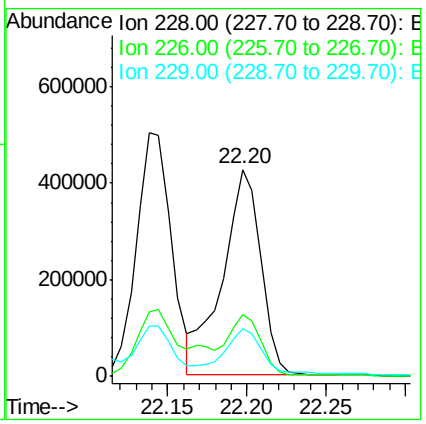


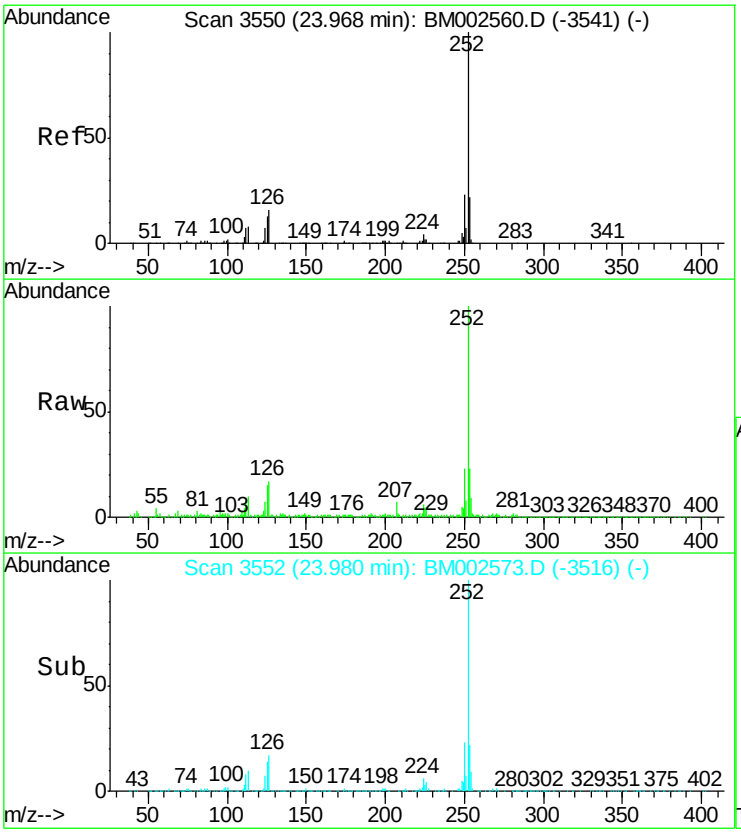
#21
Chrysene
Concen: 25.84 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. 0.00 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Instrument :
BNA_M
ClientSampleId :
D9E77

Tgt Ion:228 Resp: 716443

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	22.9	15.7	23.5

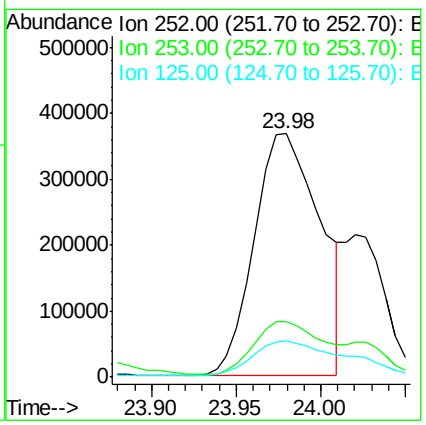


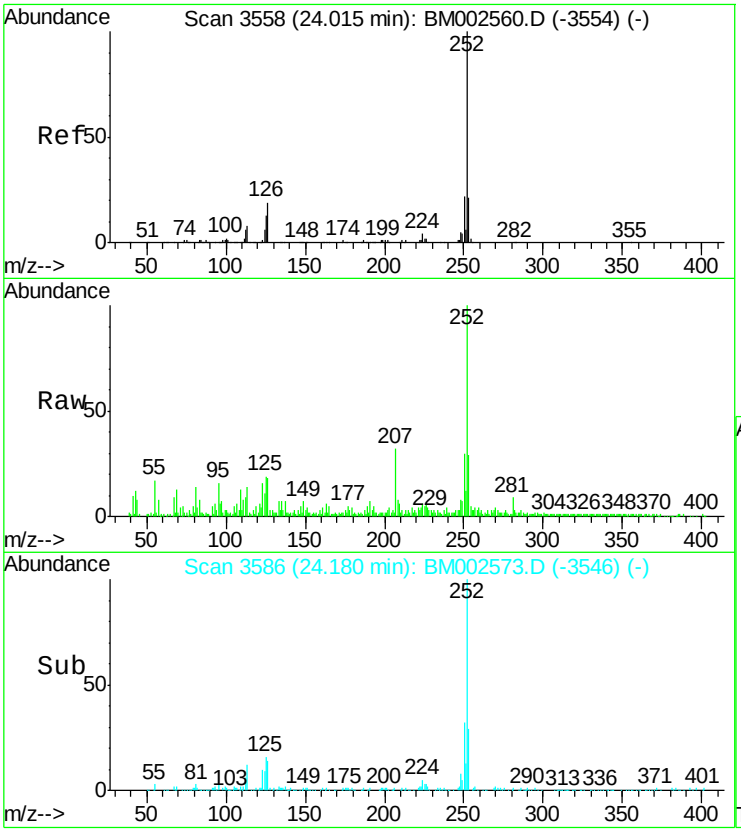


#23
Benzo(b)fluoranthene
Concen: 32.45 ng/ul
RT: 23.98 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Tgt Ion:252 Resp: 996816

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	14.6	10.0	15.0



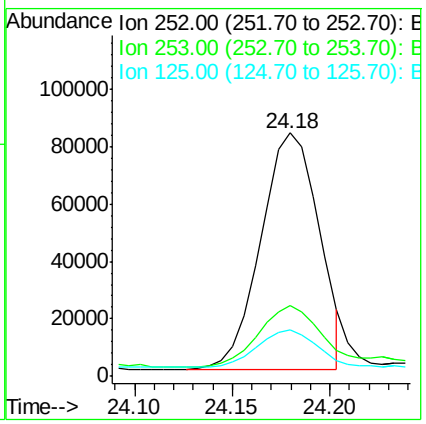


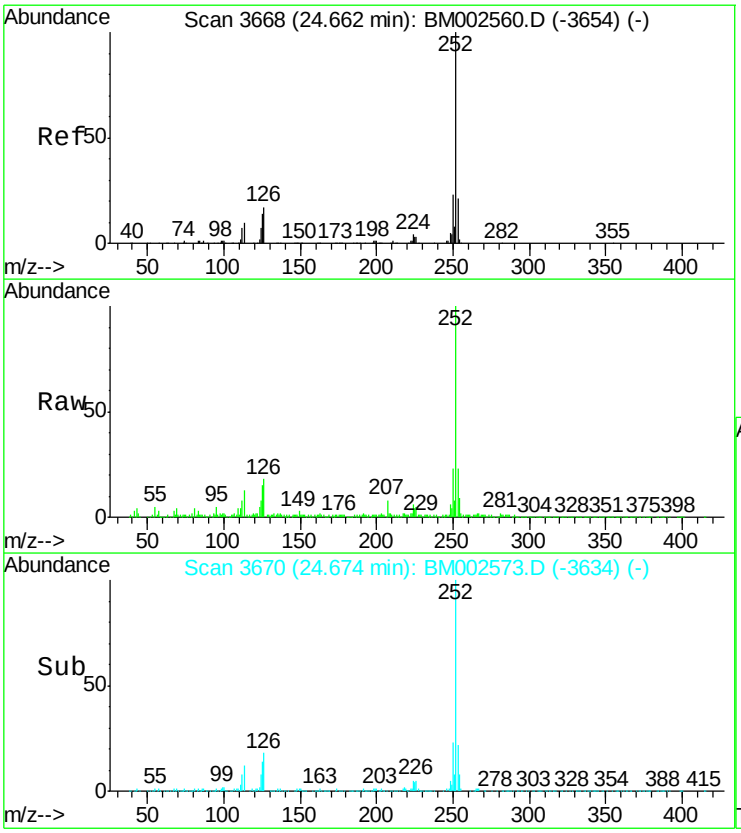
#24
Benzo(k)fluoranthene
Concen: 5.82 ng/ul
RT: 24.18 min Scan# 3586
Delta R.T. 0.16 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Instrument :
BNA_M
ClientSampleId :
D9E77

Tgt Ion:252 Resp: 169444

Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.8	26.6#
125	18.9	9.8	14.8#

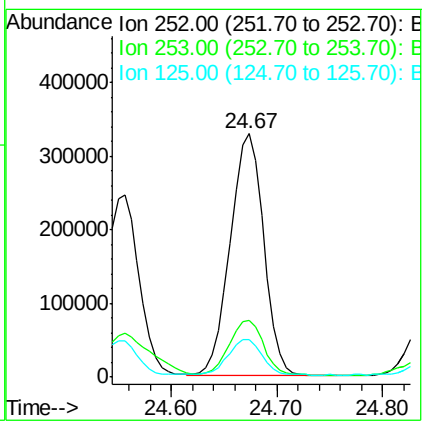


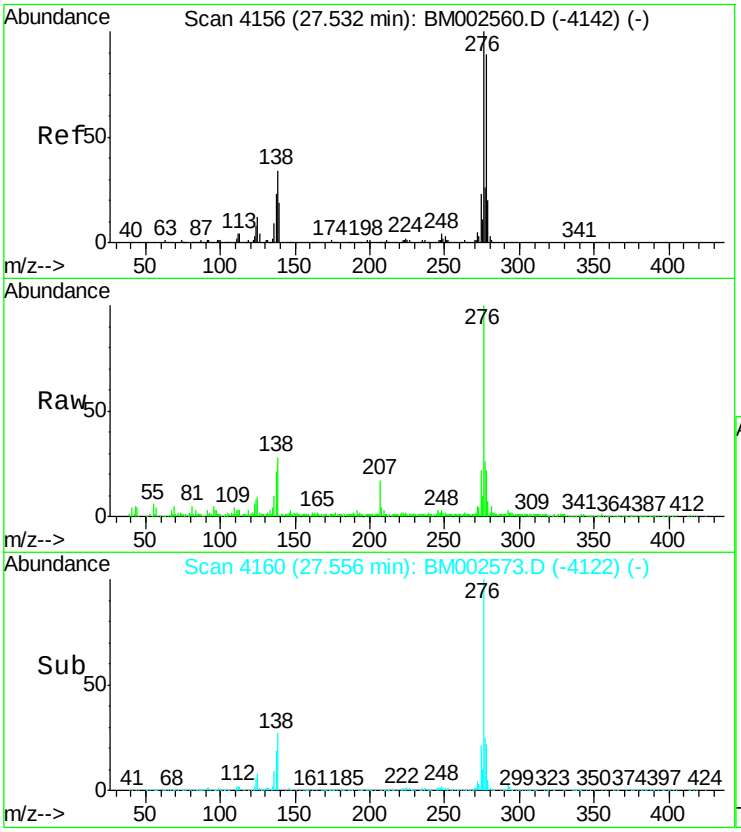


#26
Benzo(a)pyrene
Concen: 24.63 ng/ul
RT: 24.67 min Scan# 3670
Delta R.T. 0.01 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Tgt Ion:252 Resp: 722597

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	15.3	10.7	16.1



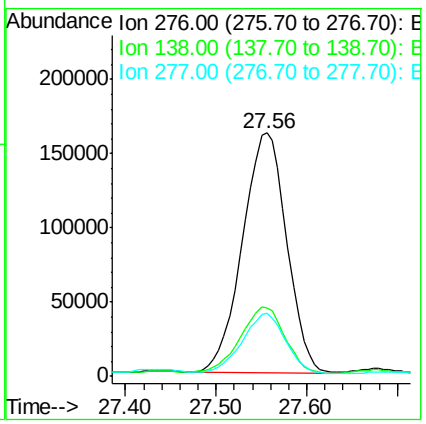


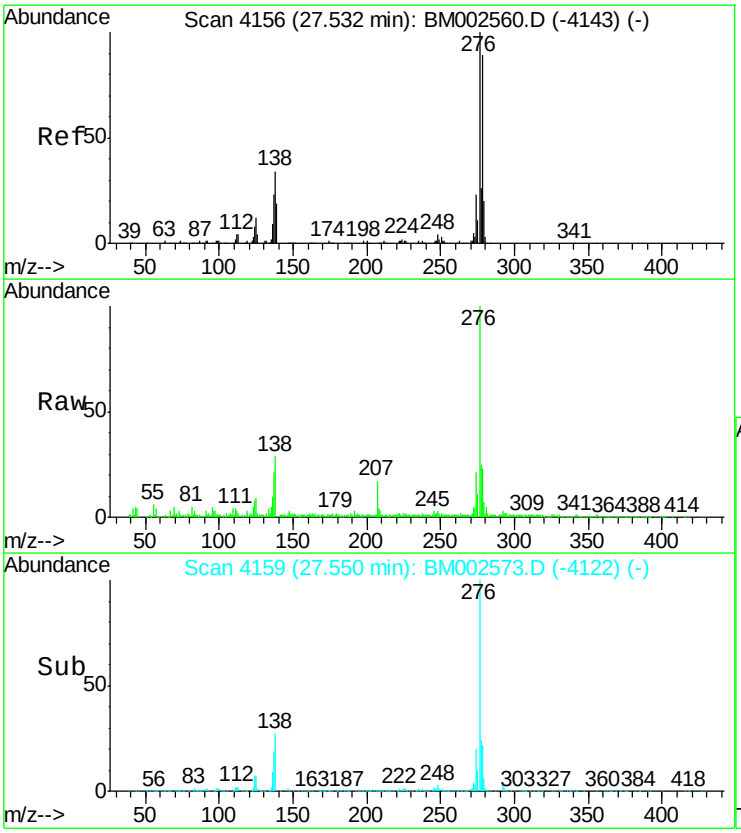
#27
Indeno(1,2,3-cd)pyrene
Concen: 16.24 ng/ul
RT: 27.56 min Scan# 4160
Delta R.T. 0.02 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Instrument :
BNA_M
ClientSampleId :
D9E77

Tgt Ion:276 Resp: 547856

Ion	Ratio	Lower	Upper
276	100		
138	28.2	25.3	37.9
277	25.9	20.2	30.2

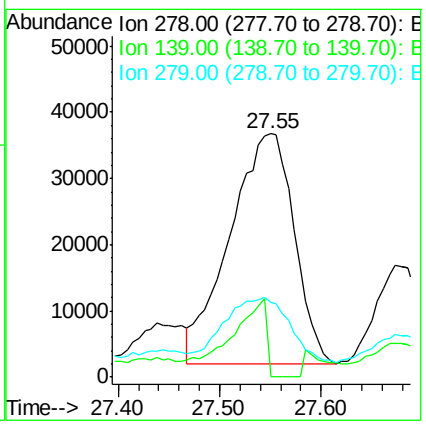


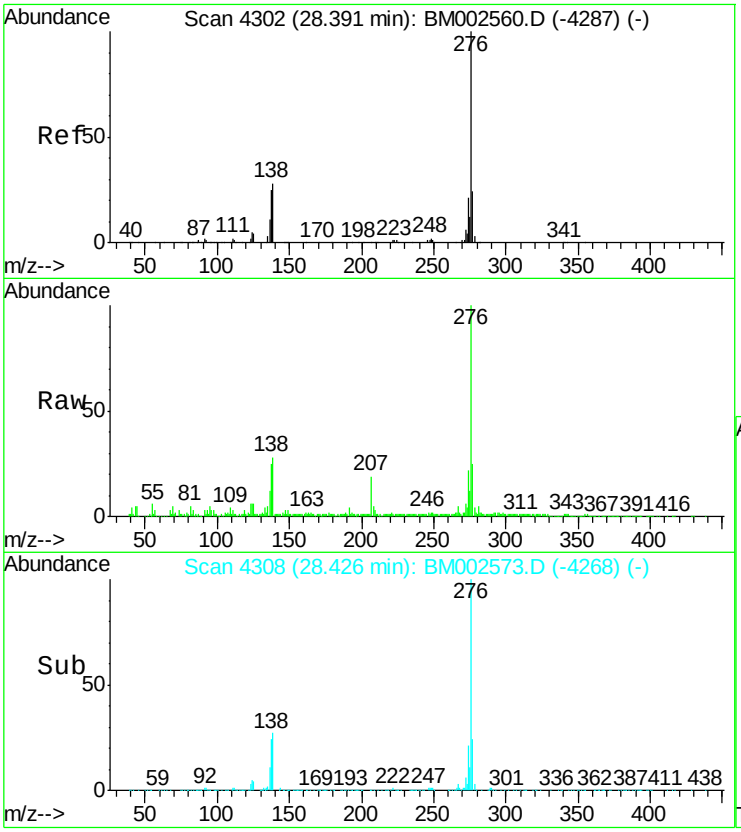


#28
Dibenzo(a,h)anthracene
Concen: 5.44 ng/ul
RT: 27.55 min Scan# 4159
Delta R.T. 0.02 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Tgt Ion:278 Resp: 153551

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	30.6	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 18.59 ng/ul
RT: 28.43 min Scan# 4308
Delta R.T. 0.04 min
Lab File: BM002573.D
Acq: 29 Aug 2015 20:20

Instrument :
BNA_M
ClientSampleId :
D9E77

Tgt Ion:276 Resp: 522201

Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.0	31.6
277	24.9	19.2	28.8