Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121615\
Data File : BM003575.D
Acq On : 16 Dec 2015 12:10
Operator : UM/IZ
Sample : G4734-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4KW7

Quant Time: Dec 17 14:39:36 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 : Thu Dec 17 13:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	3599	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	14148	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	7603	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	18262	0.40	ng/ul	0.00
18) Chrysene-d12	21.31	240	20389	0.40	ng/ul	0.00
22) Perylene-d12	23.57	264	17406	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	12.10	152	6308	0.37	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	16179	0.42	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.55	128	14279	0.45	ng/ul	97
7) 2-Methylnaphthalene	12.16	142	20149	0.94	ng/ul	99
9) Acenaphthylene	14.07	152	16138	0.56	ng/ul	95
10) Acenaphthene	14.42	153	33064	1.41	ng/ul	88
13) Pentachlorophenol	16.78	266	687	0.26	ng/ul	94
14) Phenanthrene	17.14	178	28186	0.60	ng/ul#	92
17) Fluoranthene	19.17	202	55772	1.09	ng/ul	96
19) Pyrene	19.54	202	45691	0.83	ng/ul	92
20) Benzo(a)anthracene	21.29	228	27089	0.54	ng/ul	97
23) Benzo(b)fluoranthene	22.88	252	47276	0.80	ng/ul	97
24) Benzo(k)fluoranthene	22.92	252	54648	1.01	ng/ul	95
25) Benzo(a)pyrene	23.46	252	26980	0.54	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.83	276	43658	0.75	ng/ul#	89
27) Dibenzo(a,h)anthracene	25.84	278	43418	0.93	ng/ul	99
28) Benzo(g,h,i)perylene	26.52	276	46974	0.93	ng/ul	99

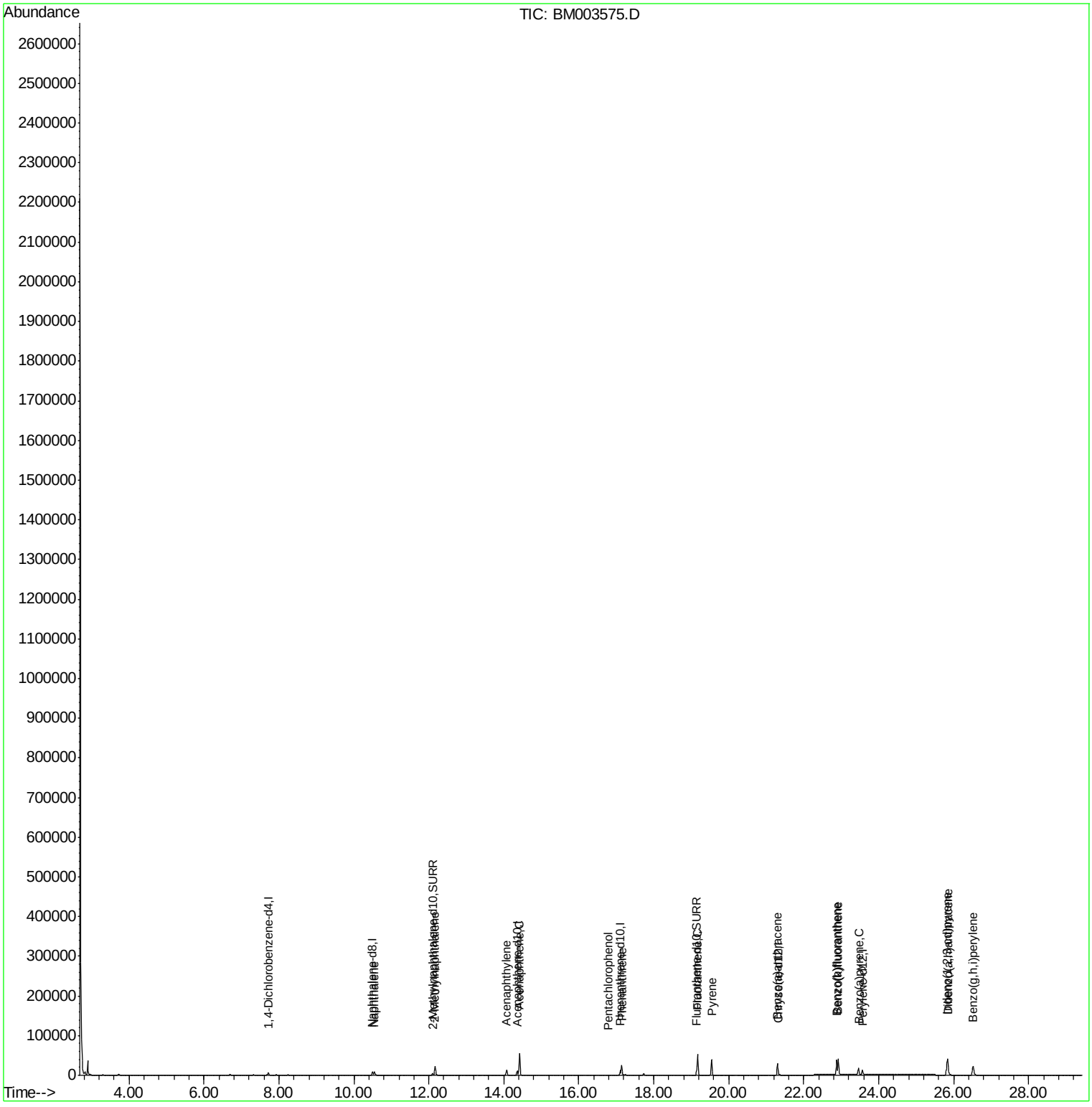
(#) = qualifier out of range (m) = manual integration (+) = signals summed

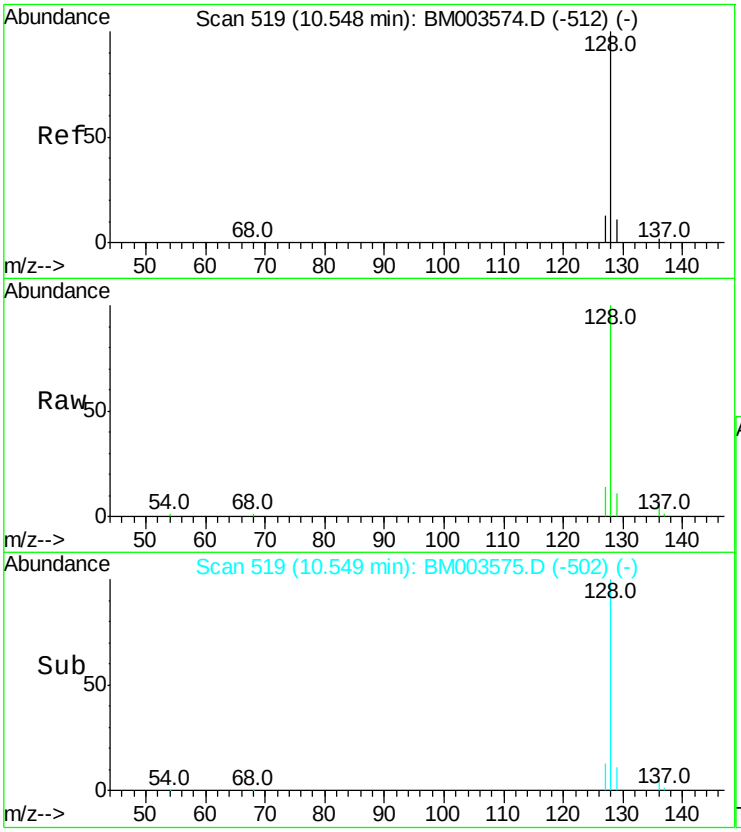
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121615\
Data File : BM003575.D
Acq On : 16 Dec 2015 12:10
Operator : UM/IZ
Sample : G4734-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4KW7

Quant Time: Dec 17 14:39:36 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 : Thu Dec 17 13:23:22 2015
Response via : Initial Calibration



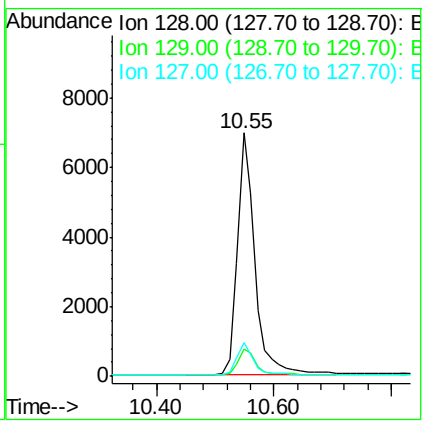


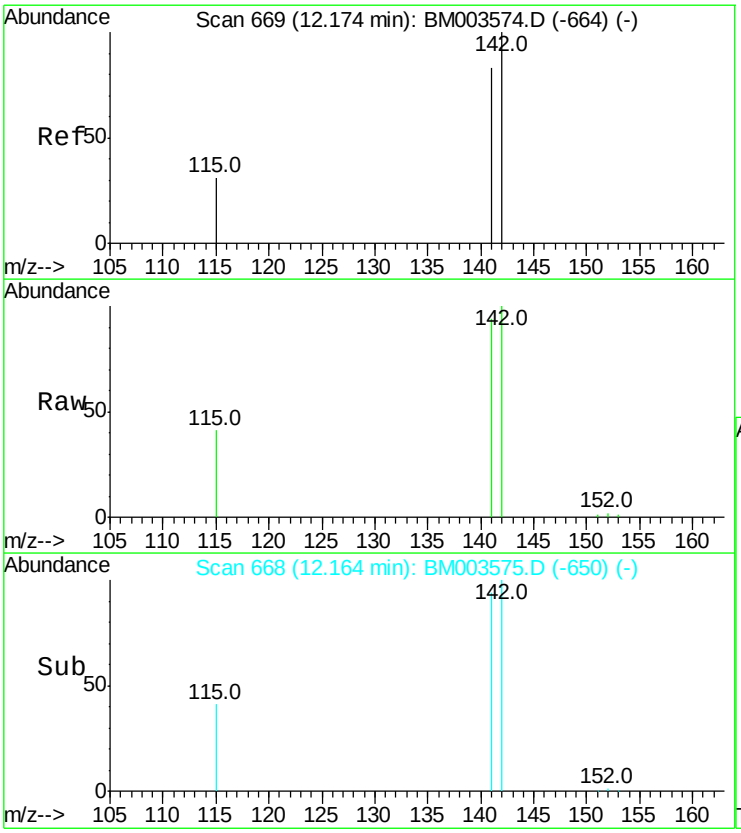
#5
Naphthalene
Concen: 0.45 ng/ul
RT: 10.55 min Scan# 519
Delta R.T. 0.00 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Instrument :
BNA_M
ClientSampleId :
A4KW7

Tgt Ion:128 Resp: 14279

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.8	9.6	14.4

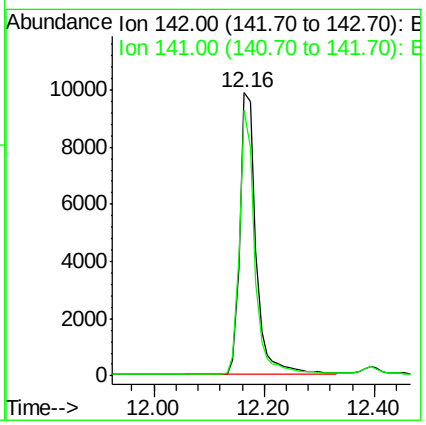


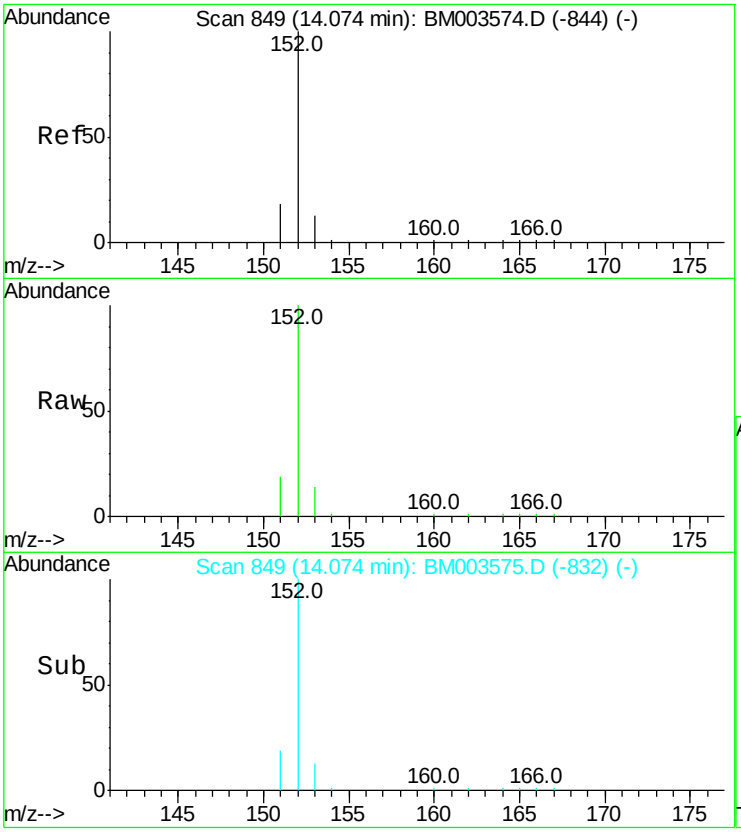


#7
2-Methylnaphthalene
Concen: 0.94 ng/ul
RT: 12.16 min Scan# 668
Delta R.T. -0.01 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Tgt Ion:142 Resp: 20149

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5



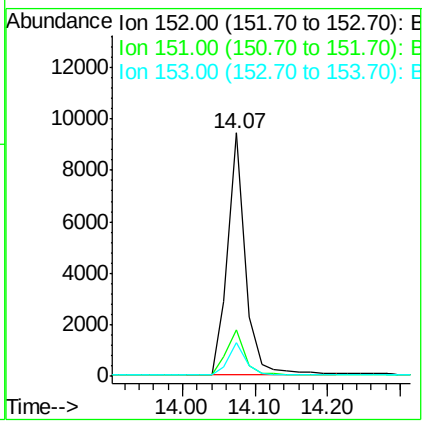


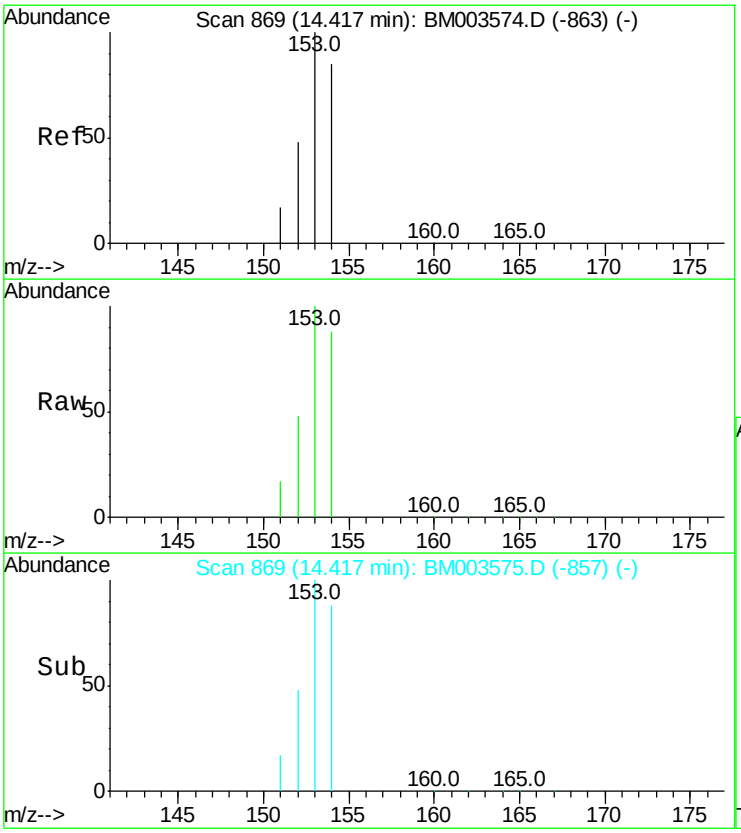
#9
Acenaphthylene
Concen: 0.56 ng/ul
RT: 14.07 min Scan# 849
Delta R.T. 0.00 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Instrument :
BNA_M
ClientSampleId :
A4KW7

Tgt Ion:152 Resp: 16138

Ion	Ratio	Lower	Upper
152	100		
151	19.3	17.6	26.4
153	13.7	9.7	14.5

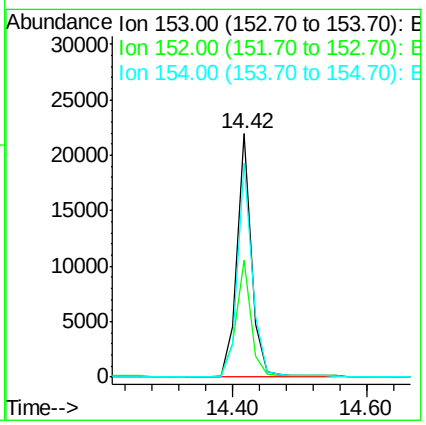


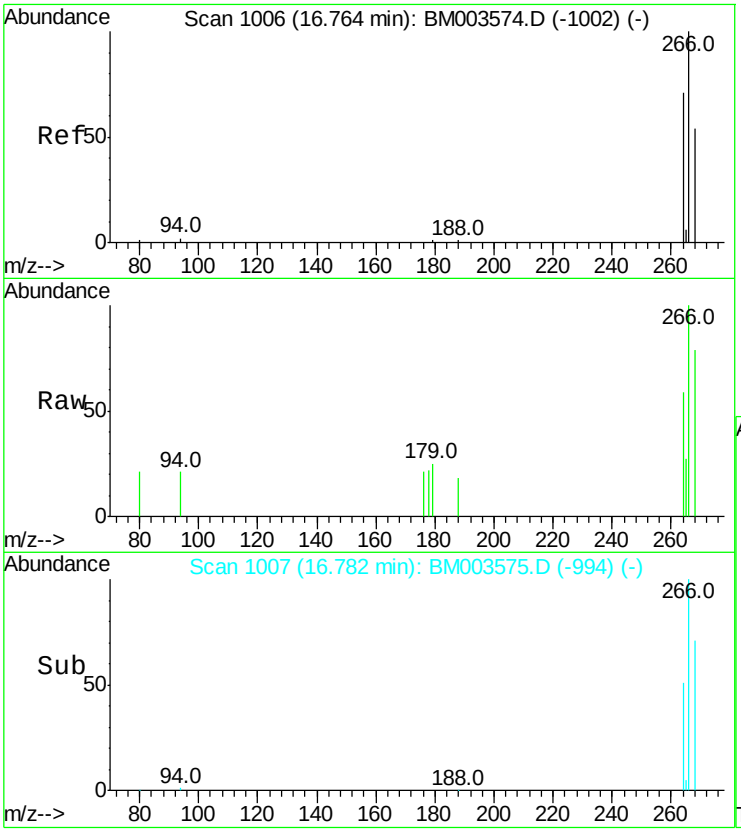


#10
Acenaphthene
Concen: 1.41 ng/ul
RT: 14.42 min Scan# 869
Delta R.T. 0.00 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Tgt Ion:153 Resp: 33064

Ion	Ratio	Lower	Upper
153	100		
152	48.3	33.9	50.9
154	87.8	80.6	121.0



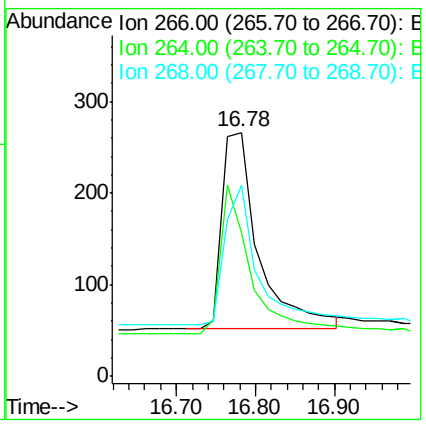


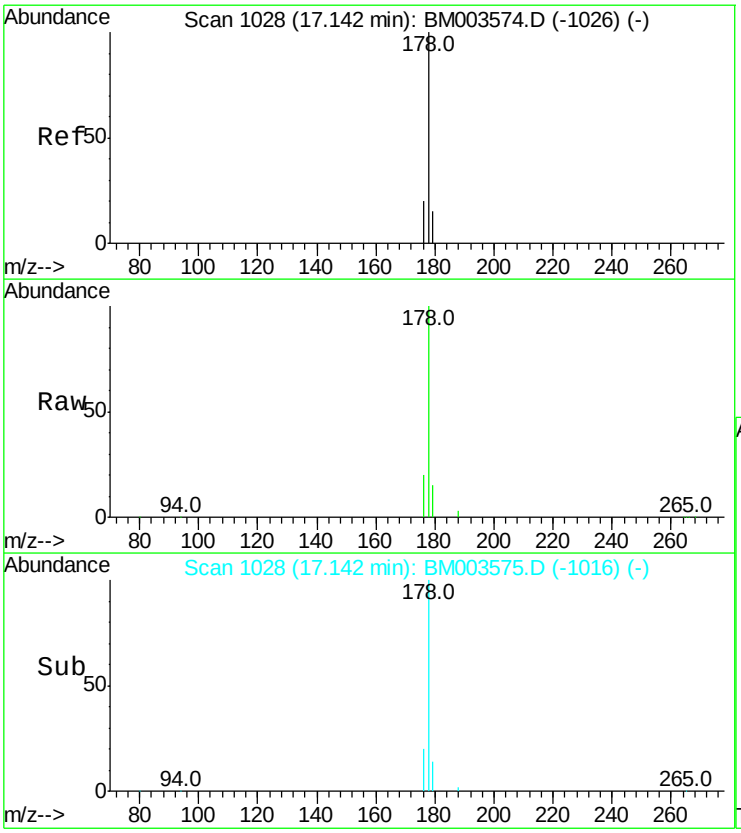
#13
Pentachlorophenol
Concen: 0.26 ng/ul
RT: 16.78 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Instrument :
BNA_M
ClientSampleId :
A4KW7

Tgt Ion:266 Resp: 687

Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.8	77.8
268	66.2	46.8	70.2

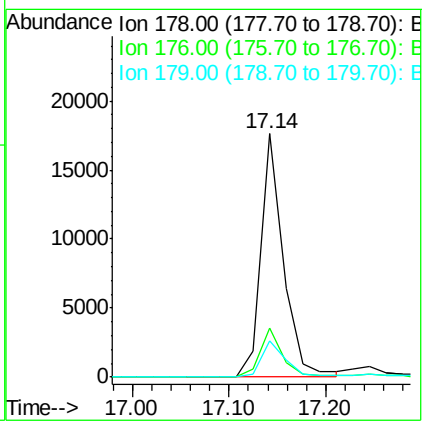


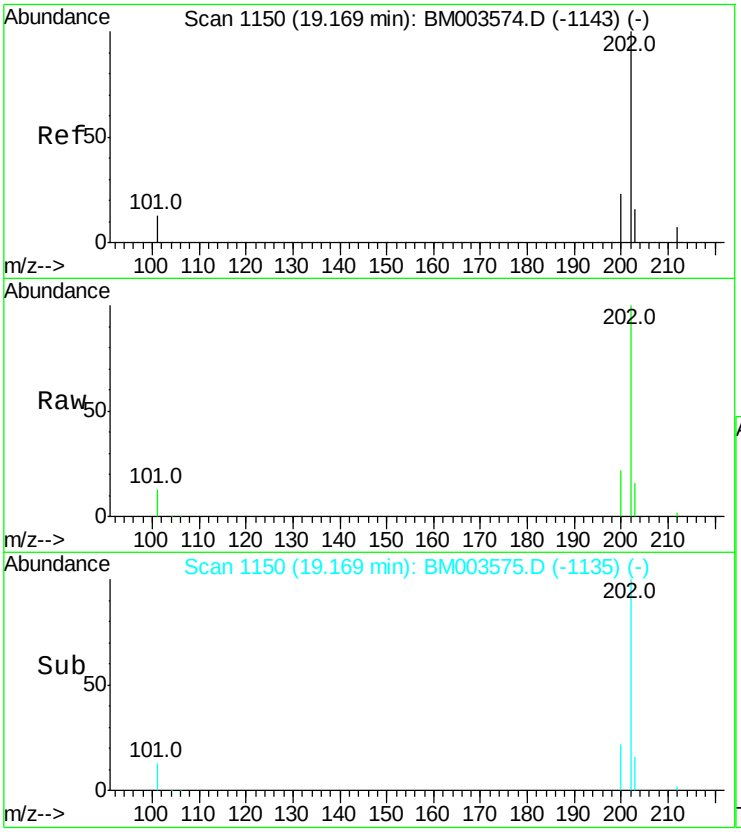


#14
Phenanthrene
Concen: 0.60 ng/ul
RT: 17.14 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Tgt Ion:178 Resp: 28186

Ion	Ratio	Lower	Upper
178	100		
176	20.0	13.0	19.4#
179	14.7	14.2	21.2



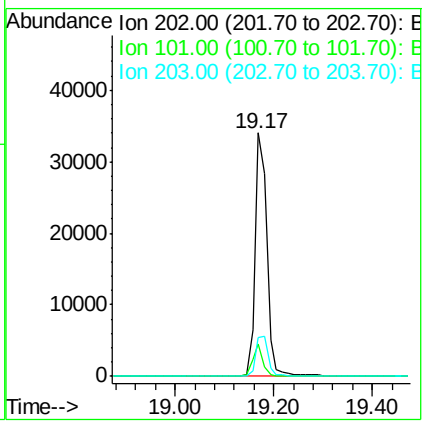


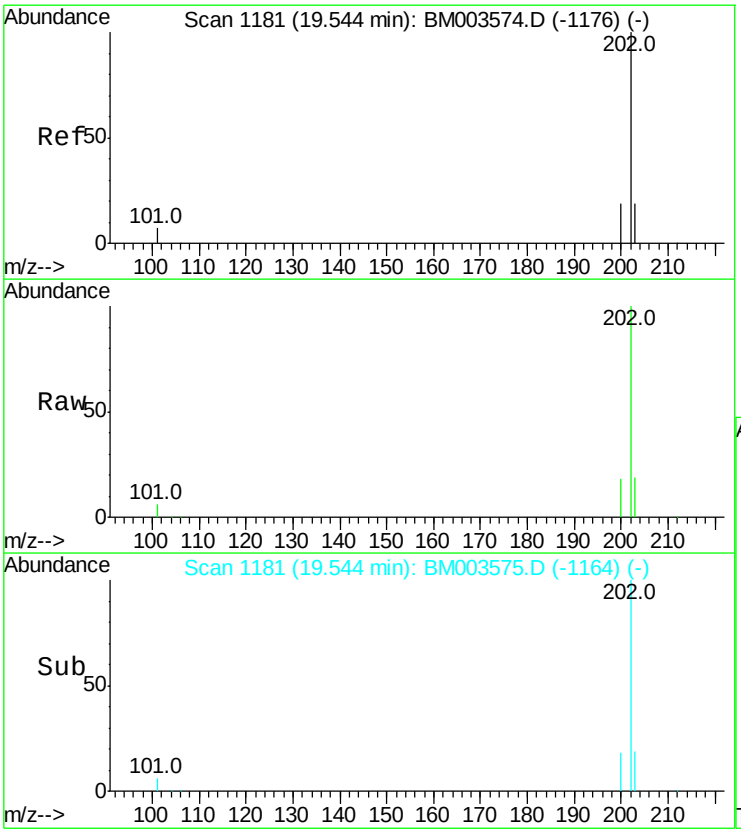
#17
Fluoranthene
Concen: 1.09 ng/ul
RT: 19.17 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Instrument :
BNA_M
ClientSampleId :
A4KW7

Tgt Ion:202 Resp: 55772

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	29.6
203	15.8	0.0	36.3

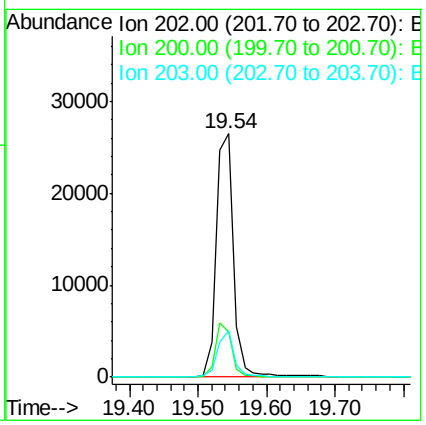


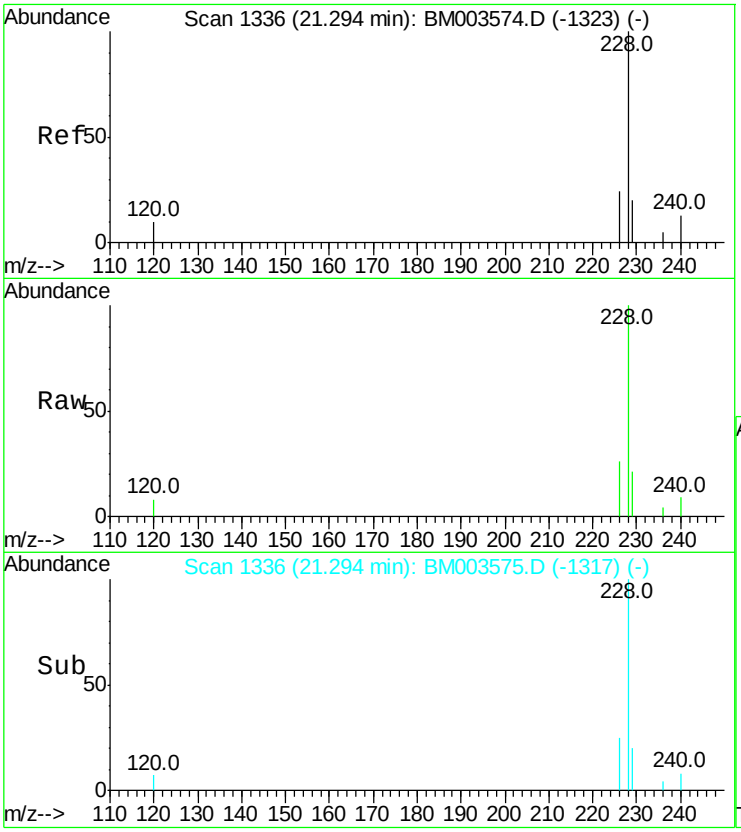


#19
Pyrene
Concen: 0.83 ng/ul
RT: 19.54 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Tgt Ion:202 Resp: 45691

Ion	Ratio	Lower	Upper
202	100		
200	18.5	17.8	26.8
203	18.9	12.8	19.2



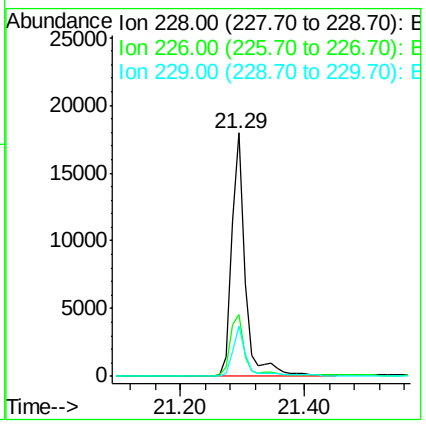


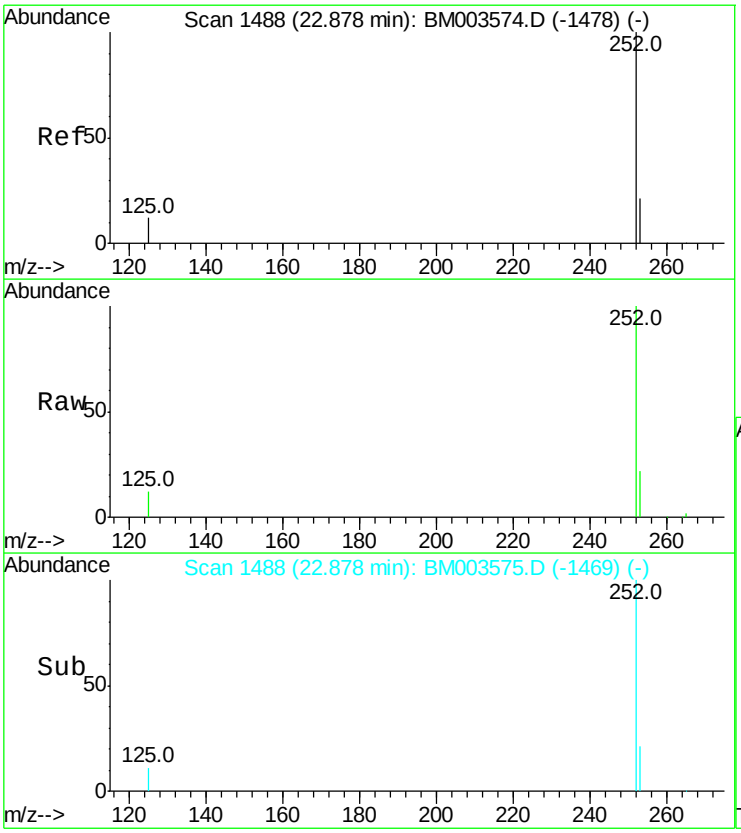
#20
Benzo(a)anthracene
Concen: 0.54 ng/ul
RT: 21.29 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Instrument :
BNA_M
ClientSampleId :
A4KW7

Tgt Ion:228 Resp: 27089

Ion	Ratio	Lower	Upper
228	100		
226	25.6	18.8	28.2
229	20.6	17.1	25.7

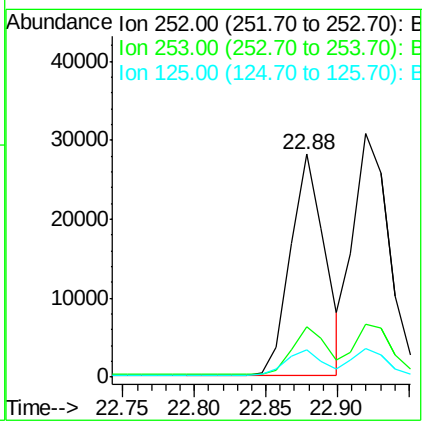


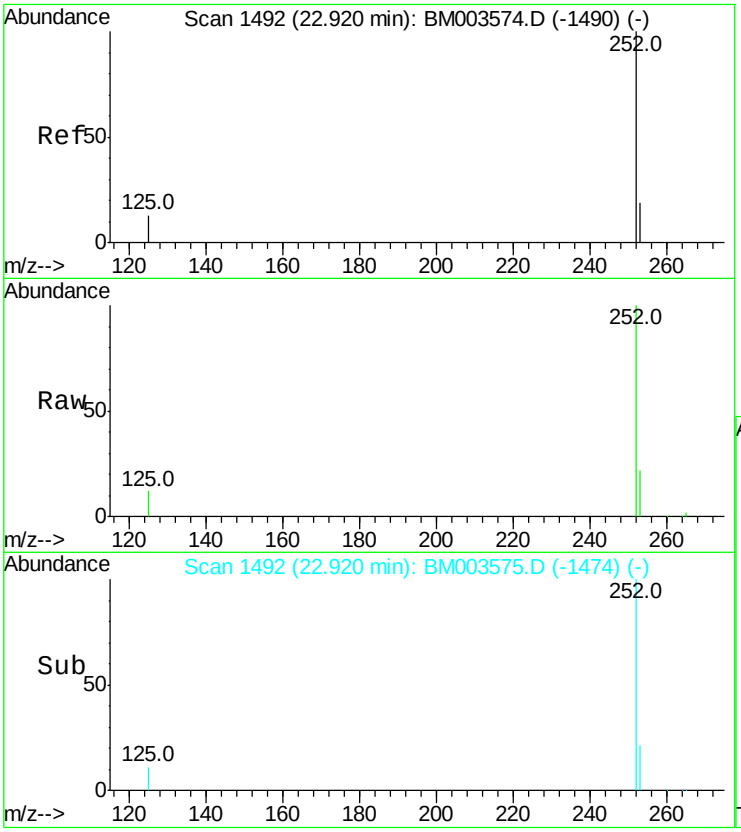


#23
Benzo(b)fluoranthene
Concen: 0.80 ng/ul
RT: 22.88 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Tgt Ion:252 Resp: 47276

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	45.4
125	12.0	0.0	28.8



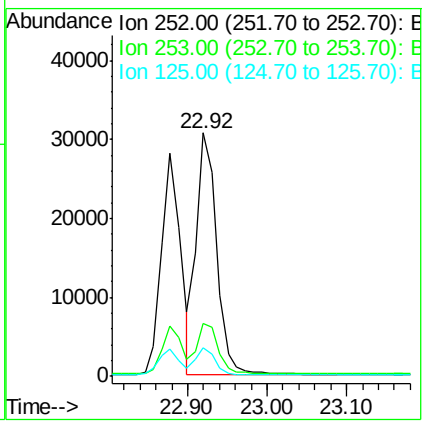


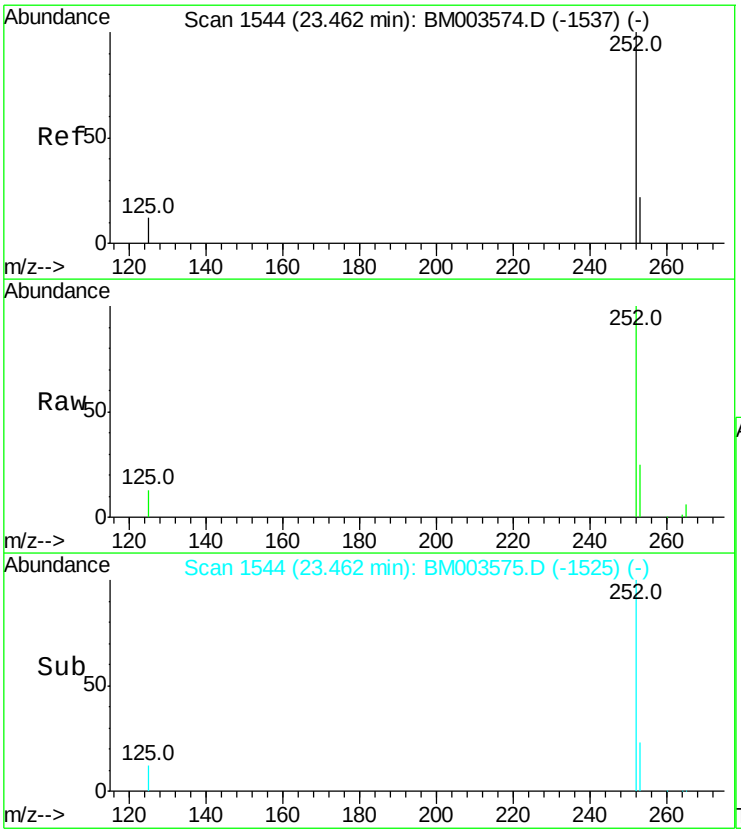
#24
Benzo(k)fluoranthene
Concen: 1.01 ng/ul
RT: 22.92 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Instrument :
BNA_M
ClientSampleId :
A4KW7

Tgt Ion:252 Resp: 54648

Ion	Ratio	Lower	Upper
252	100		
253	21.5	19.8	29.8
125	12.0	10.4	15.6

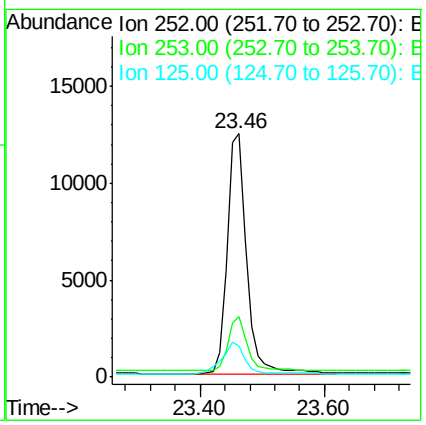


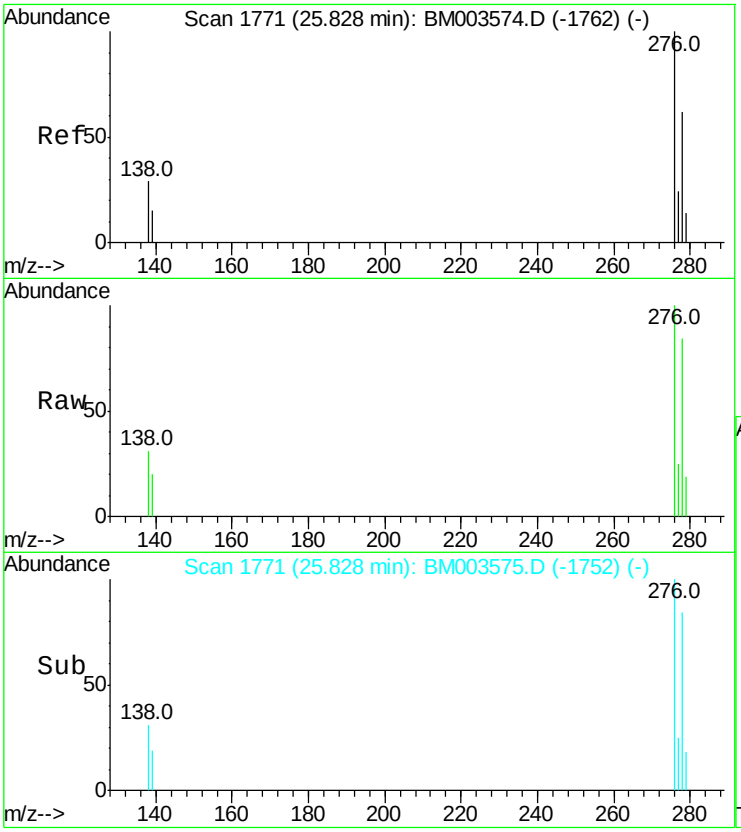


#25
Benzo(a)pyrene
Concen: 0.54 ng/ul
RT: 23.46 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Tgt Ion:252 Resp: 26980

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.4	29.2
125	12.8	12.7	19.1



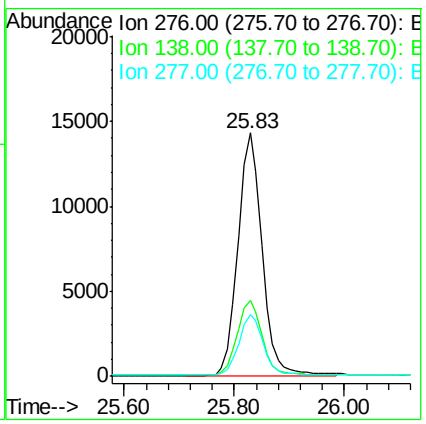


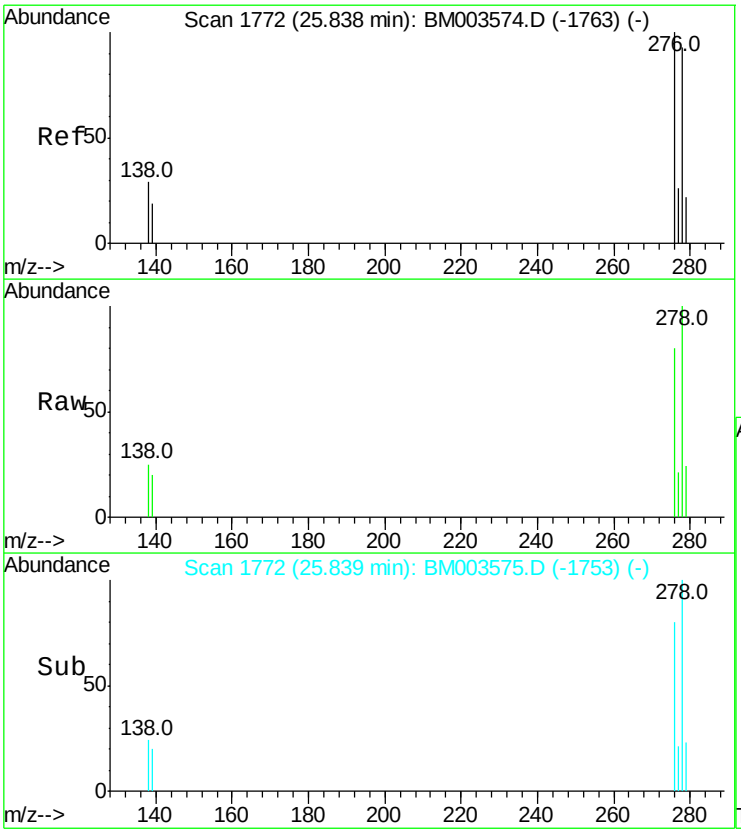
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.75 ng/ul
RT: 25.83 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Instrument :
BNA_M
ClientSampleId :
A4KW7

Tgt Ion:276 Resp: 43658

Ion	Ratio	Lower	Upper
276	100		
138	31.2	16.3	24.5#
277	25.2	19.8	29.8

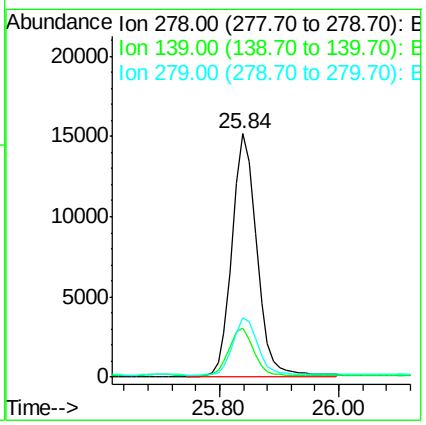


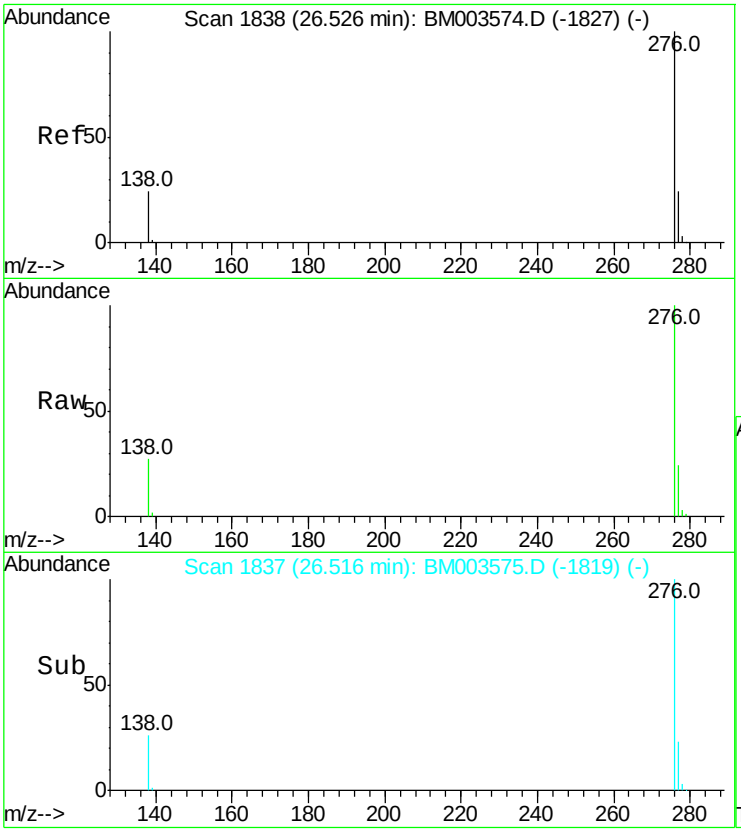


#27
Dibenzo(a,h)anthracene
Concen: 0.93 ng/ul
RT: 25.84 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Tgt Ion:278 Resp: 43418

Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.4	24.6
279	24.2	20.2	30.2





#28
Benzo(g,h,i)perylene
Concen: 0.93 ng/ul
RT: 26.52 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM003575.D
Acq: 16 Dec 2015 12:10

Instrument :
BNA_M
ClientSampleId :
A4KW7

Tgt Ion:276 Resp: 46974

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	26.8	22.5	33.7