Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002418.D
Acq On : 15 Aug 2015 10:57
Operator : UM/IZ
Sample : G3219-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 17 02:56:37 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:54:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	154146	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	720582	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	382177	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	782806	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	623086	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	516907	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	762024	19.50	ng/ul	0.00
10) Fluorene-d10	16.42	176	511990	18.66	ng/ul	0.00
14) Anthracene-d10	18.25	188	718426	19.03	ng/ul	0.00
18) Pyrene-d10	20.47	212	676651	24.50	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.72	264	467955	17.23	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	11.79	128	182843	4.97	ng/ul	100
4) 2-Methylnaphthalene	13.33	142	58111	2.11	ng/ul	97
5) 1-Methylnaphthalene	13.54	142	36379	1.33	ng/ul	100
8) Acenaphthylene	15.18	152	147470	3.61	ng/ul	99
11) Fluorene	16.47	166	32672	1.06	ng/ul#	94
13) Phenanthrene	18.20	178	522043	11.55	ng/ul	99
15) Anthracene	18.29	178	242825	5.30	ng/ul	99
16) Fluoranthene	20.14	202	1574421	30.76	ng/ul	100
19) Pyrene	20.50	202	1332904	36.52	ng/ul	100
20) Benzo(a)anthracene	22.21	228	764384	20.51	ng/ul	98
21) Chrysene	22.27	228	779079	22.35	ng/ul	97
23) Benzo(b)fluoranthene	24.07	252	1042033	33.35	ng/ul	98
24) Benzo(k)fluoranthene	24.28	252	153425	5.18	ng/ul#	87
26) Benzo(a)pyrene	24.78	252	601273	20.14	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.71	276	441636	12.87	ng/ul	94
28) Dibenzo(a,h)anthracene	27.70	278	127163	4.43	ng/ul#	90
29) Benzo(g,h,i)perylene	28.59	276	391351	13.70	ng/ul	98

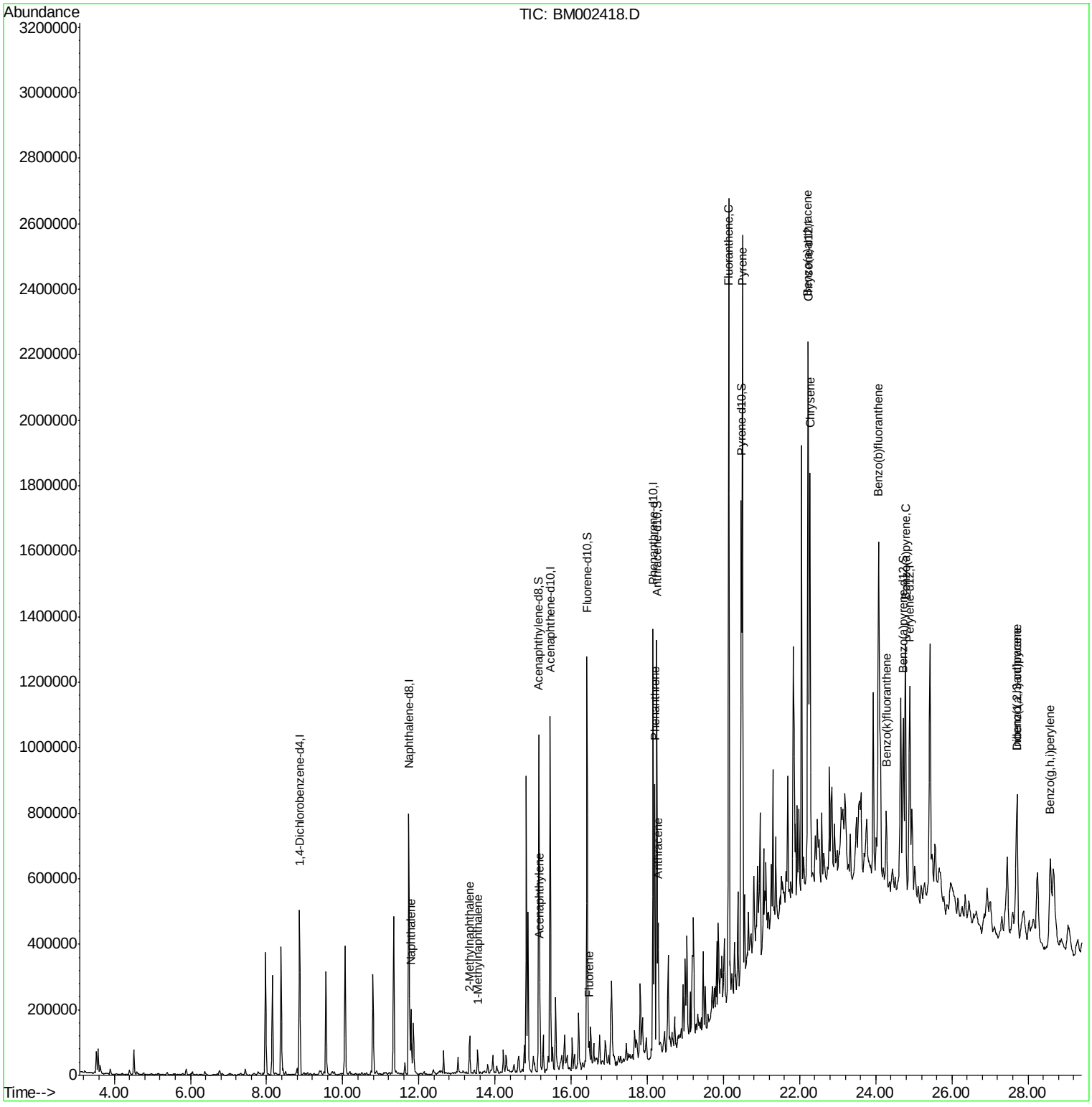
(#) = qualifier out of range (m) = manual integration (+) = signals summed

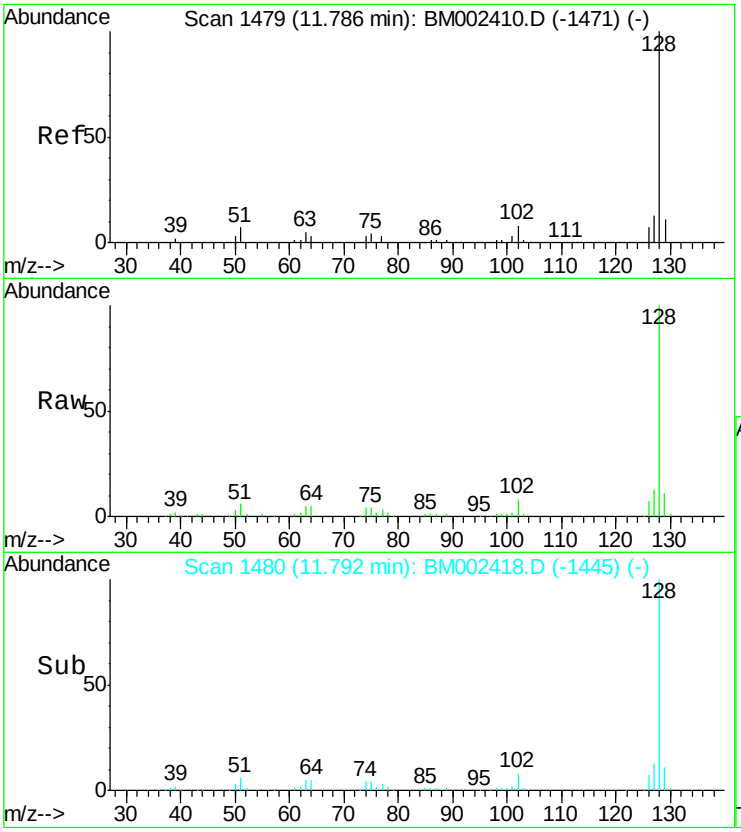
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002418.D
Acq On : 15 Aug 2015 10:57
Operator : UM/IZ
Sample : G3219-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 17 02:56:37 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:54:04 2015
Response via : Initial Calibration



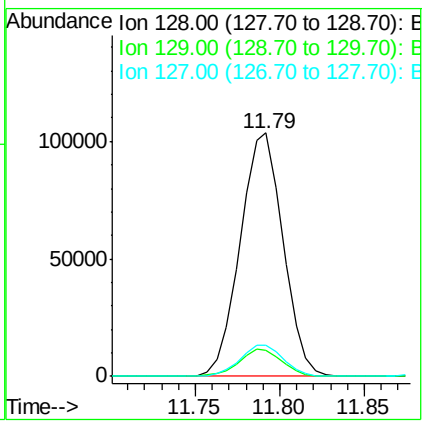


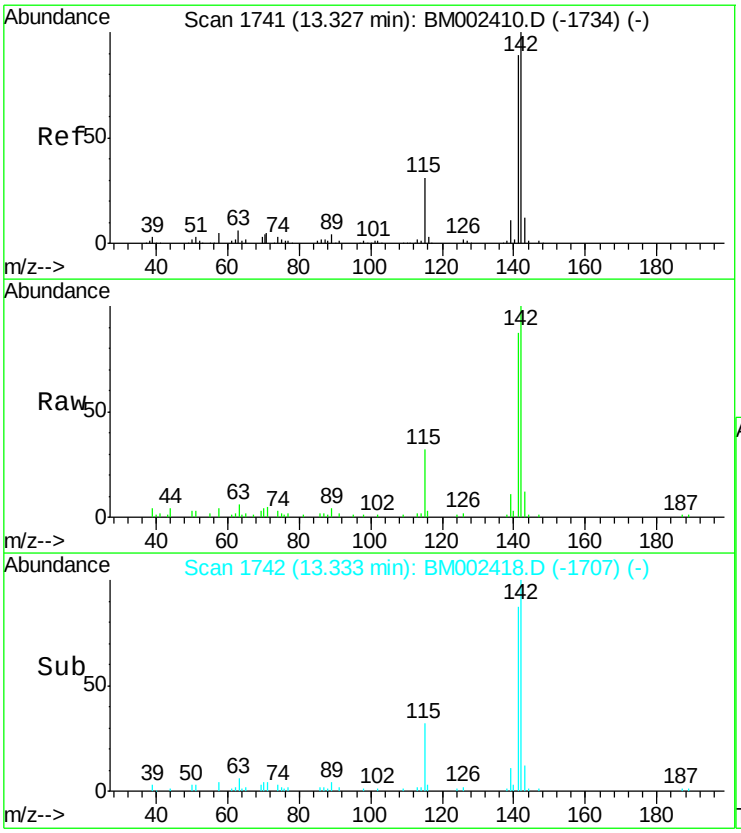
#3
Naphthalene
Concen: 4.97 ng/ul
RT: 11.79 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 182843

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.0	10.4	15.6

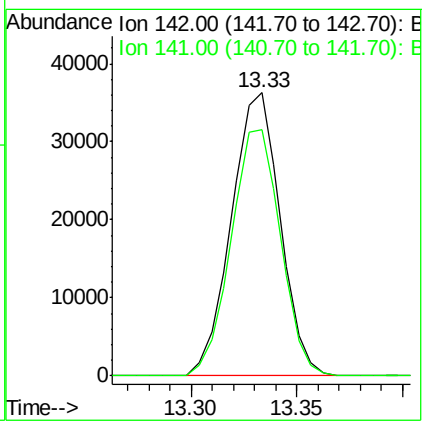


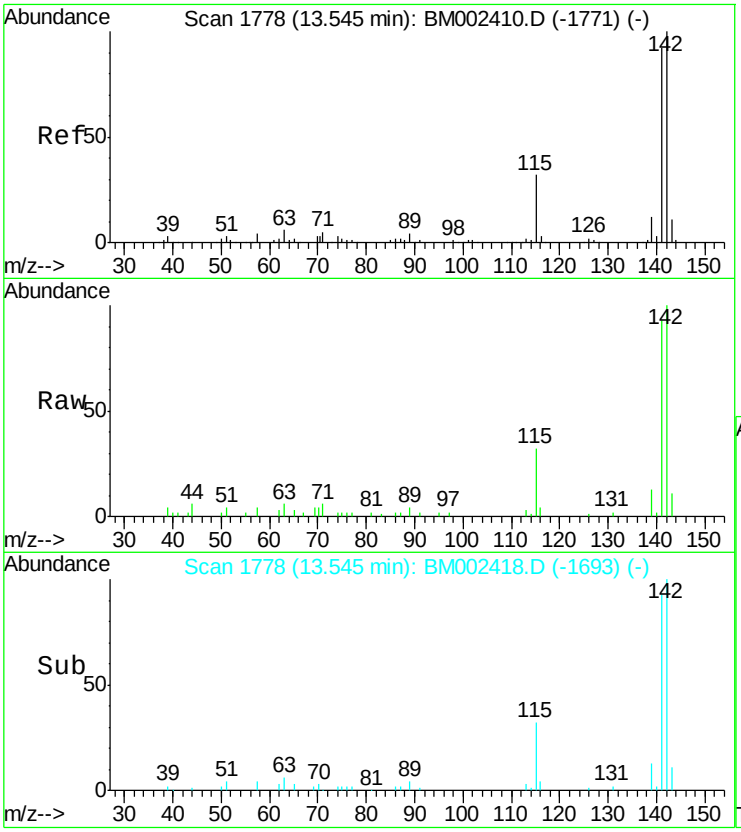


#4
2-Methylnaphthalene
Concen: 2.11 ng/ul
RT: 13.33 min Scan# 1742
Delta R.T. 0.01 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Tgt Ion:142 Resp: 58111

Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.2	108.2



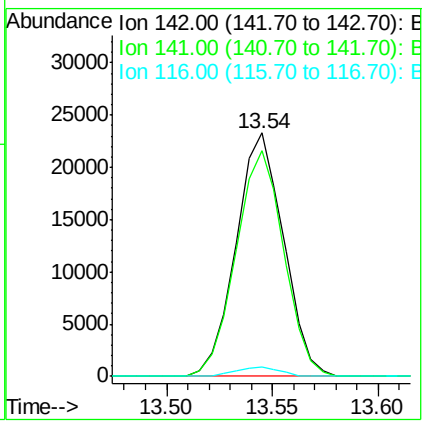


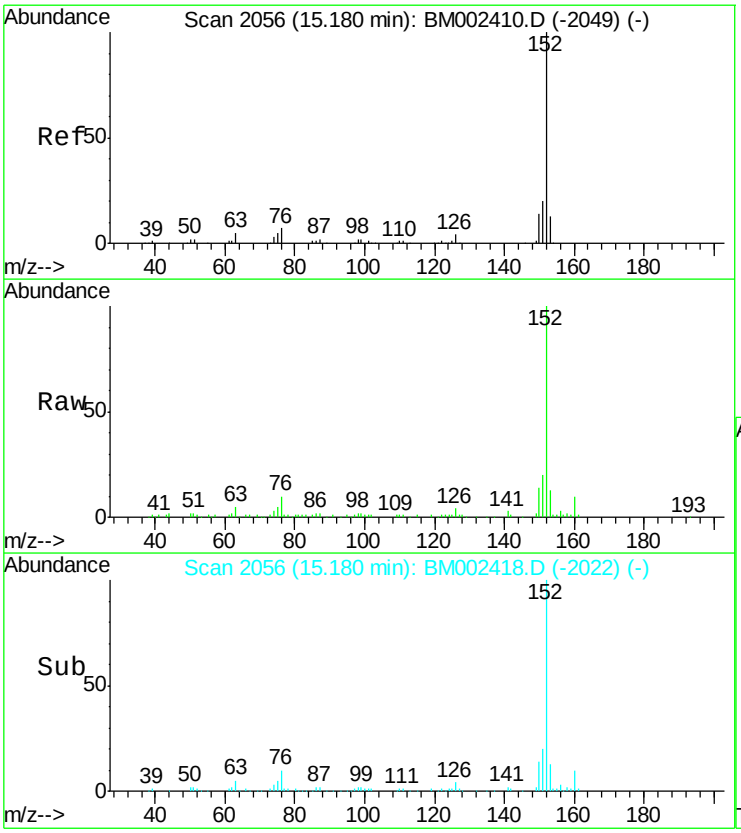
#5
1-Methylnaphthalene
Concen: 1.33 ng/ul
RT: 13.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 36379

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.9	110.9
116	3.8	3.0	4.4

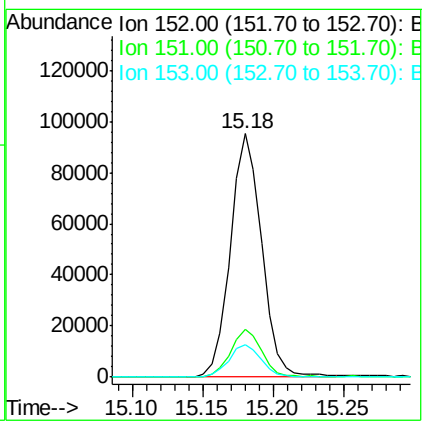


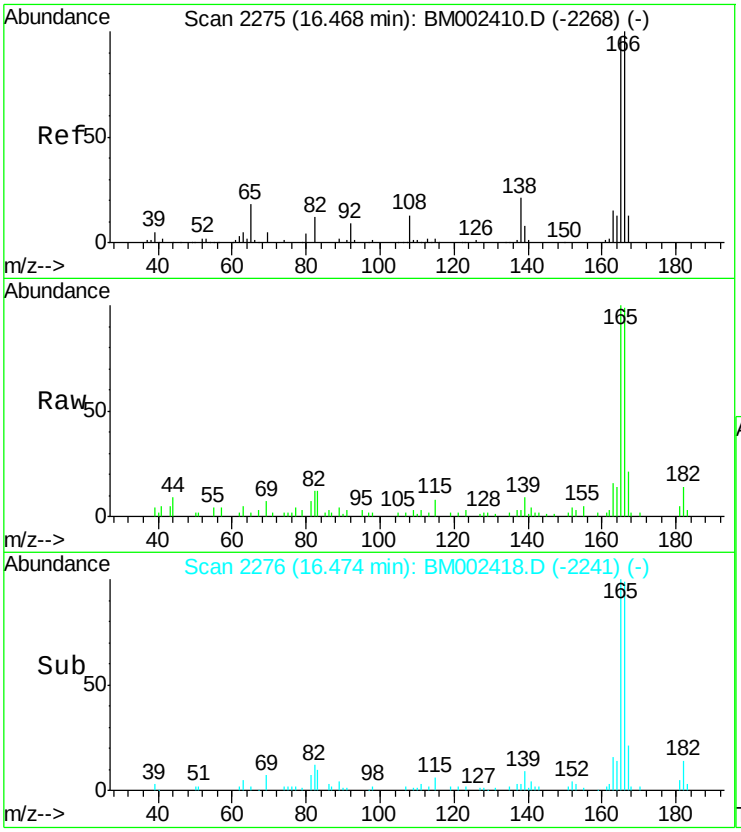


#8
Acenaphthylene
Concen: 3.61 ng/ul
RT: 15.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Tgt Ion:152 Resp: 147470

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.4	10.2	15.4



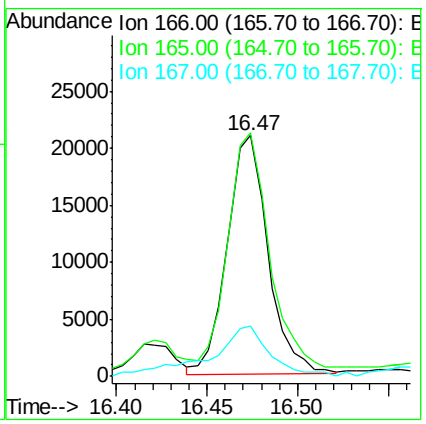


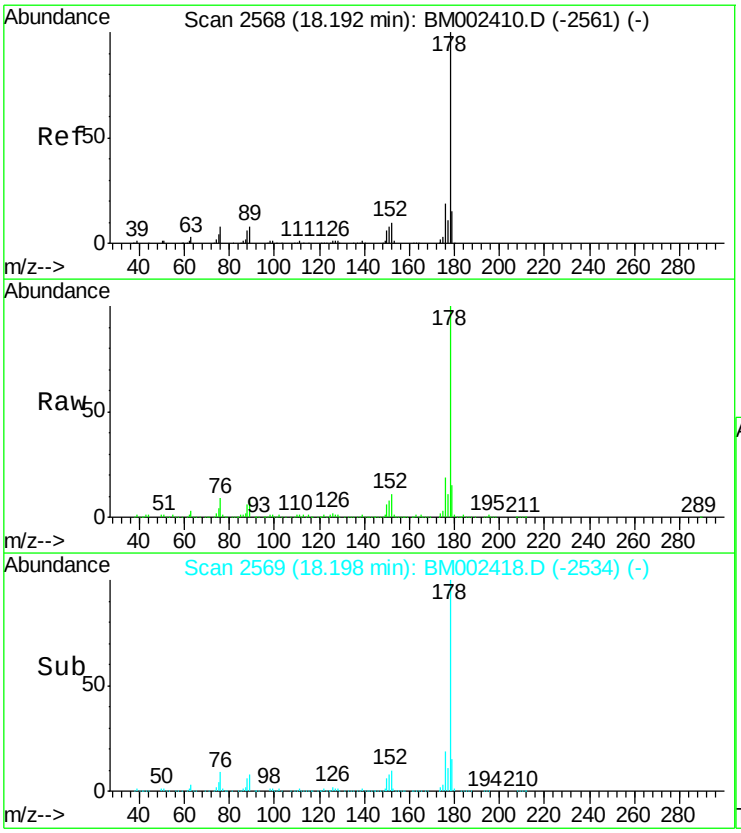
#11
Fluorene
Concen: 1.06 ng/ul
RT: 16.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 32672

Ion	Ratio	Lower	Upper
166	100		
165	101.1	77.6	116.4
167	20.8	10.7	16.1#

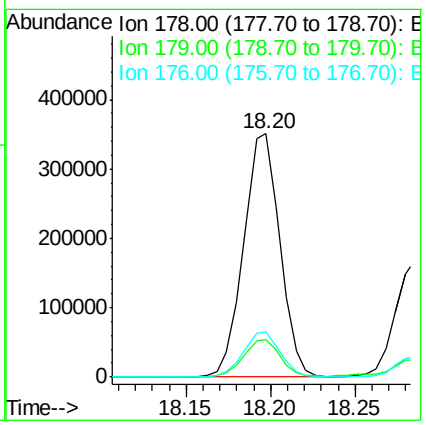


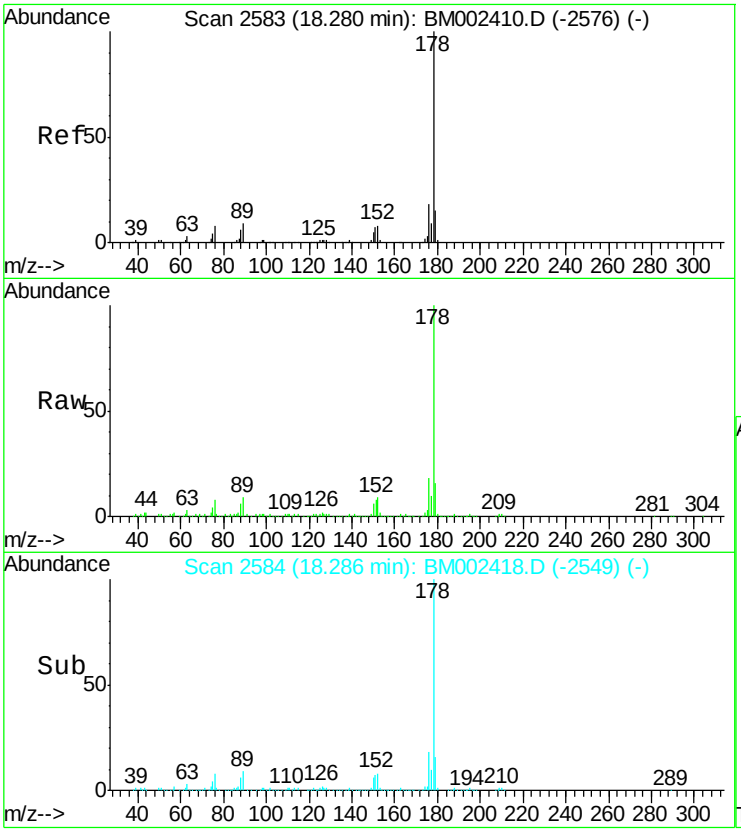


#13
Phenanthrene
Concen: 11.55 ng/ul
RT: 18.20 min Scan# 2569
Delta R.T. 0.01 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Tgt Ion:178 Resp: 522043

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.5	15.1	22.7



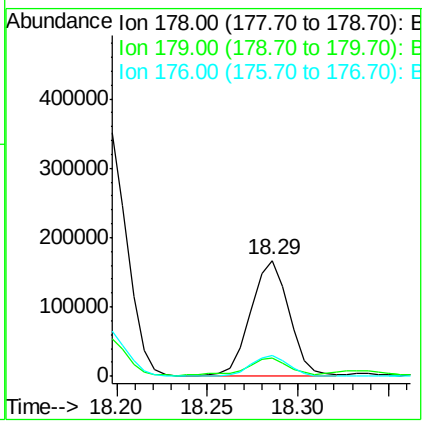


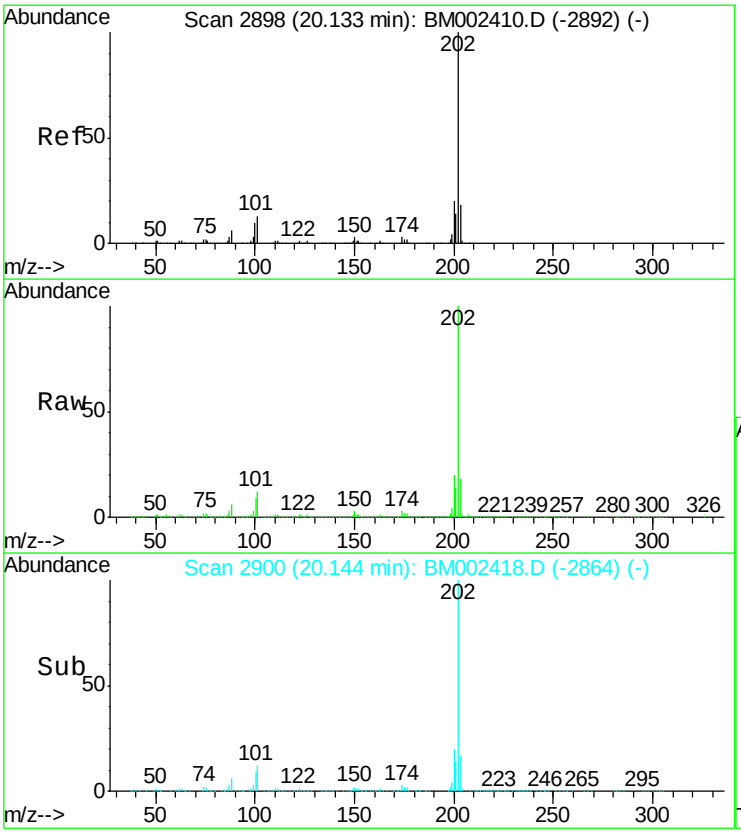
#15
Anthracene
Concen: 5.30 ng/ul
RT: 18.29 min Scan# 2584
Delta R.T. 0.01 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 242825

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	17.9	14.5	21.7

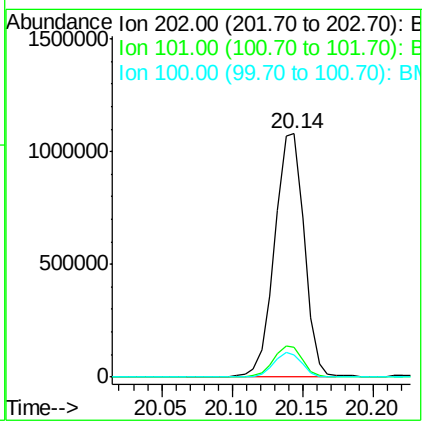


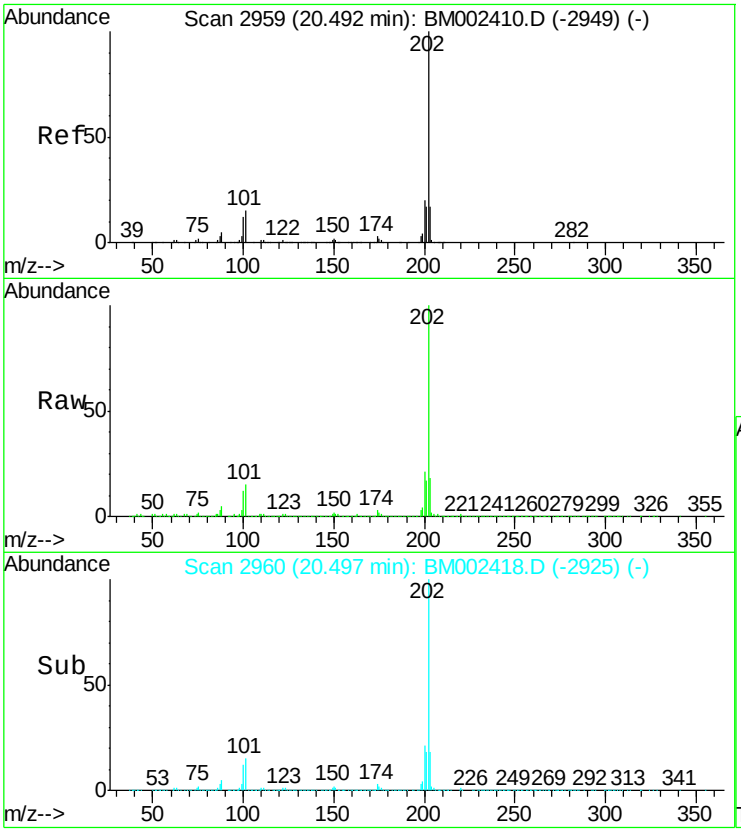


#16
Fluoranthene
Concen: 30.76 ng/ul
RT: 20.14 min Scan# 2900
Delta R.T. 0.01 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Tgt Ion:202 Resp: 1574421

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
100	9.1	7.4	11.2



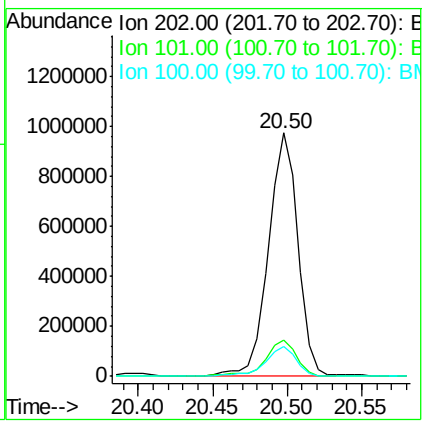


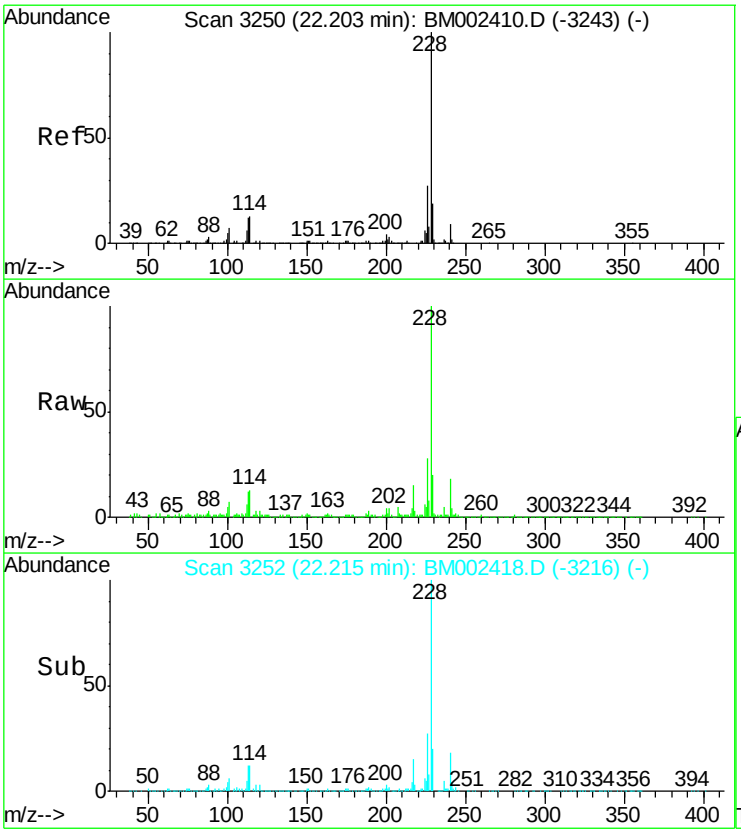
#19
Pyrene
Concen: 36.52 ng/ul
RT: 20.50 min Scan# 2960
Delta R.T. 0.01 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1332904

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.0	18.0
100	12.1	9.7	14.5

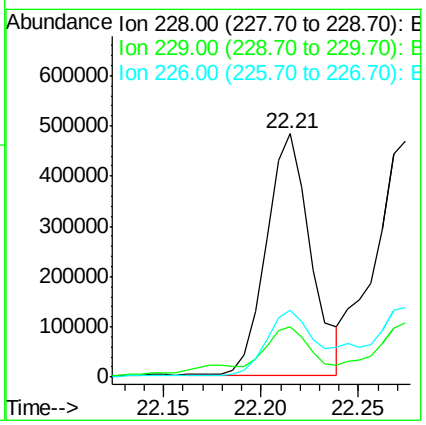


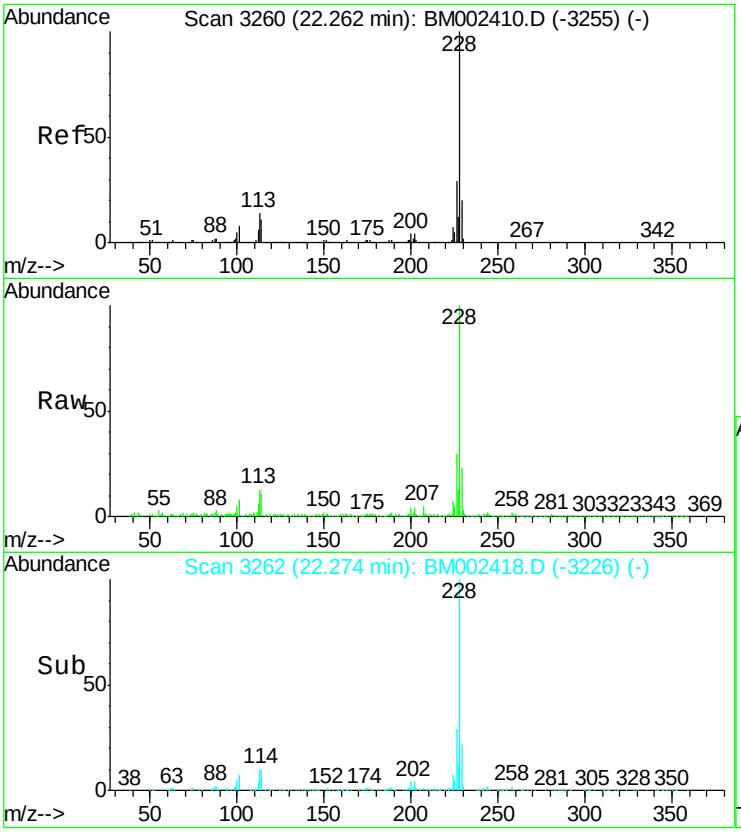


#20
Benzo(a)anthracene
Concen: 20.51 ng/ul
RT: 22.21 min Scan# 3252
Delta R.T. 0.01 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Tgt Ion:228 Resp: 764384

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	27.6	21.1	31.7



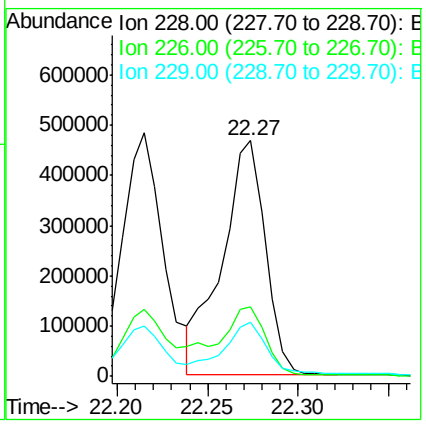


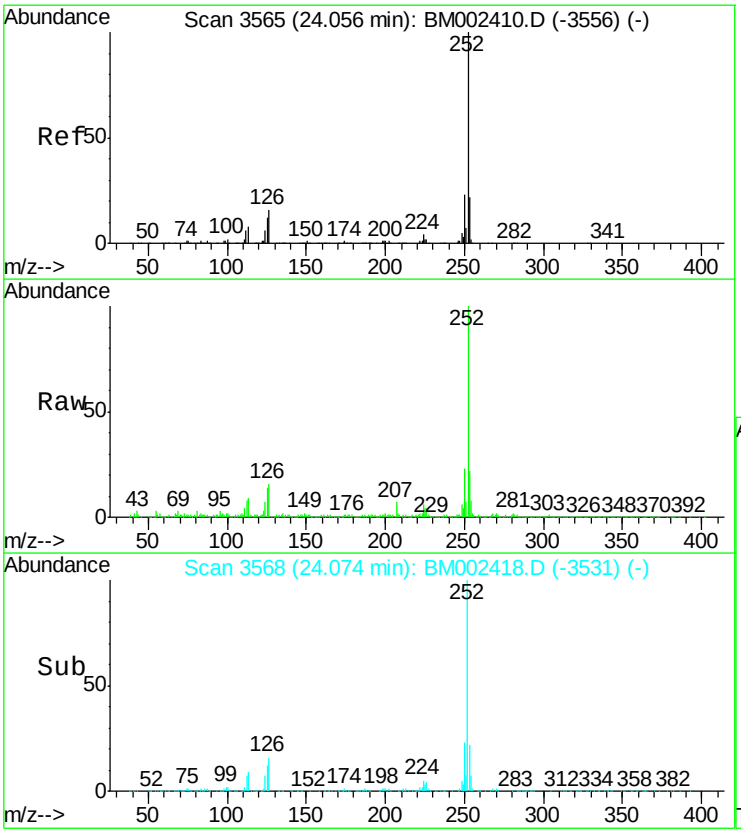
#21
Chrysene
Concen: 22.35 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. 0.01 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 779079

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	22.9	15.7	23.5

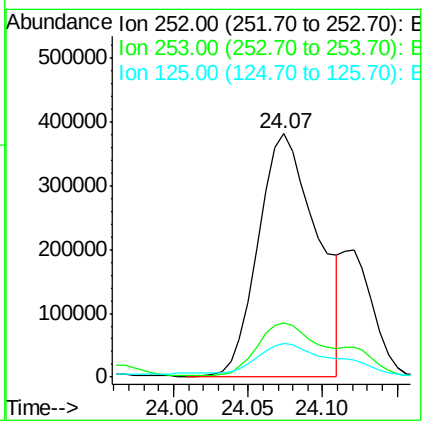


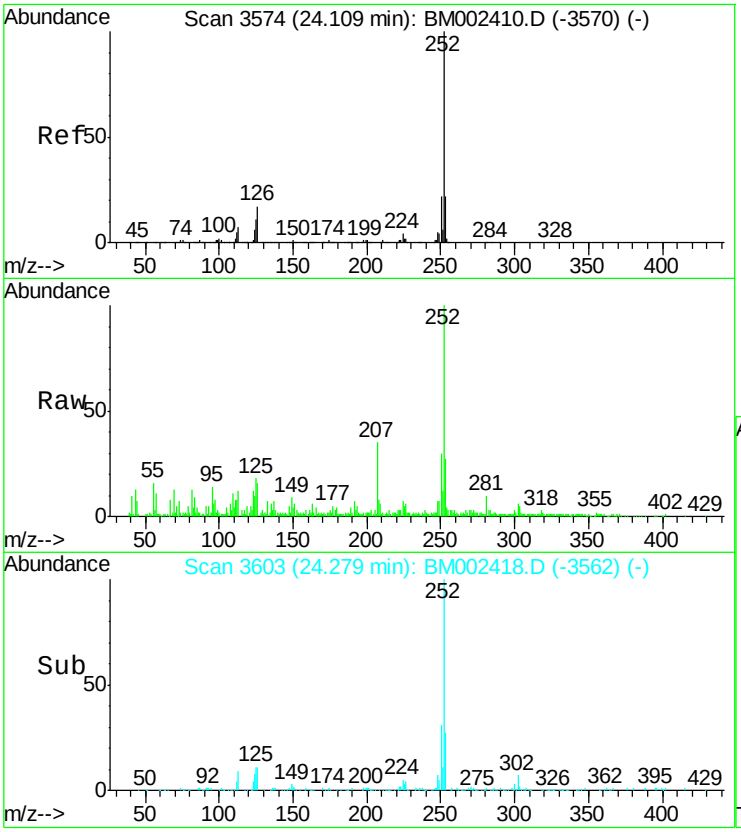


#23
Benzo(b)fluoranthene
Concen: 33.35 ng/ul
RT: 24.07 min Scan# 3568
Delta R.T. 0.02 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Tgt Ion:252 Resp: 1042033

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	13.8	10.0	15.0



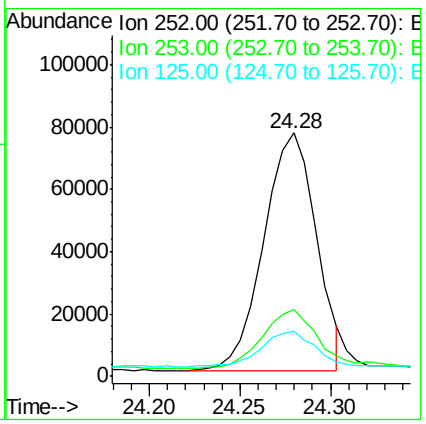


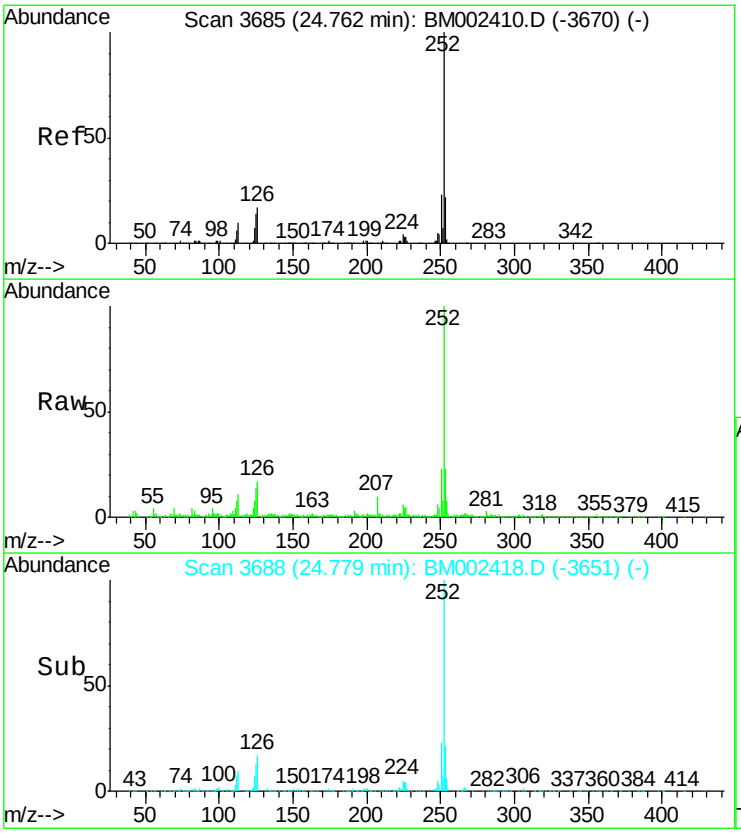
#24
Benzo(k)fluoranthene
Concen: 5.18 ng/ul
RT: 24.28 min Scan# 3603
Delta R.T. 0.17 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 153425

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.8	26.6#
125	18.5	9.8	14.8#

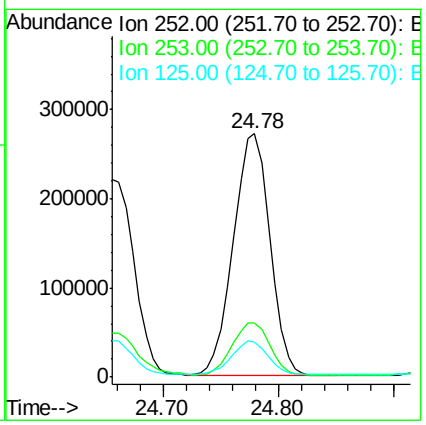


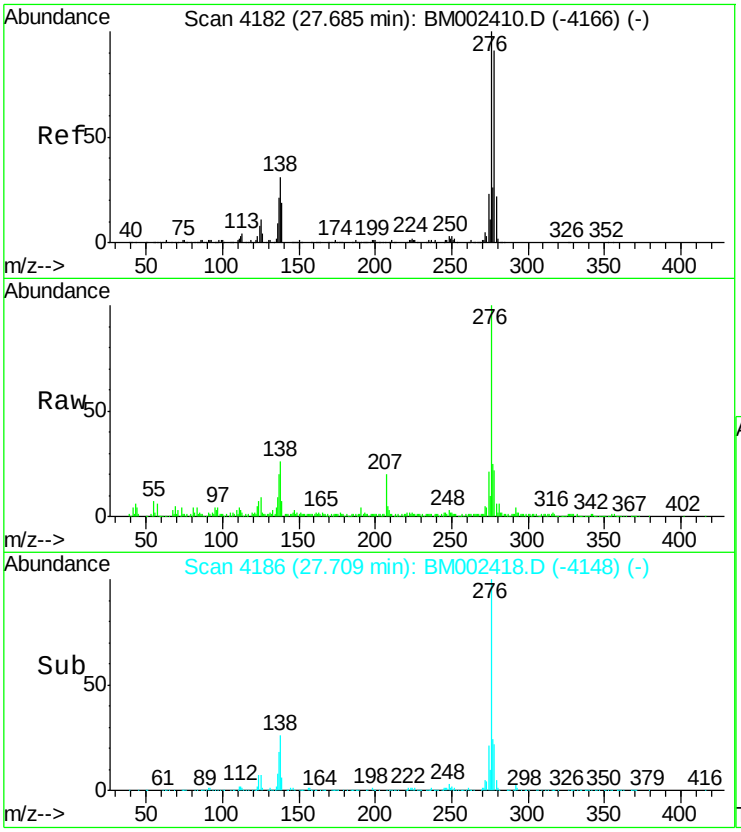


#26
Benzo(a)pyrene
Concen: 20.14 ng/ul
RT: 24.78 min Scan# 3688
Delta R.T. 0.02 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Tgt Ion:252 Resp: 601273

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	14.3	10.7	16.1



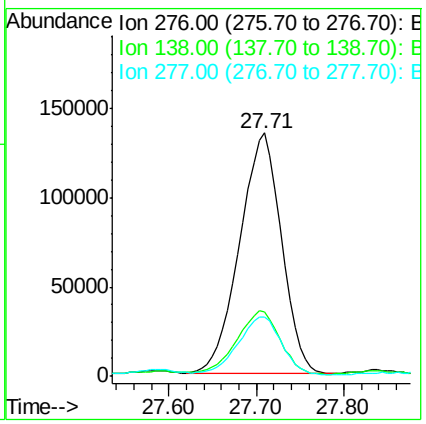


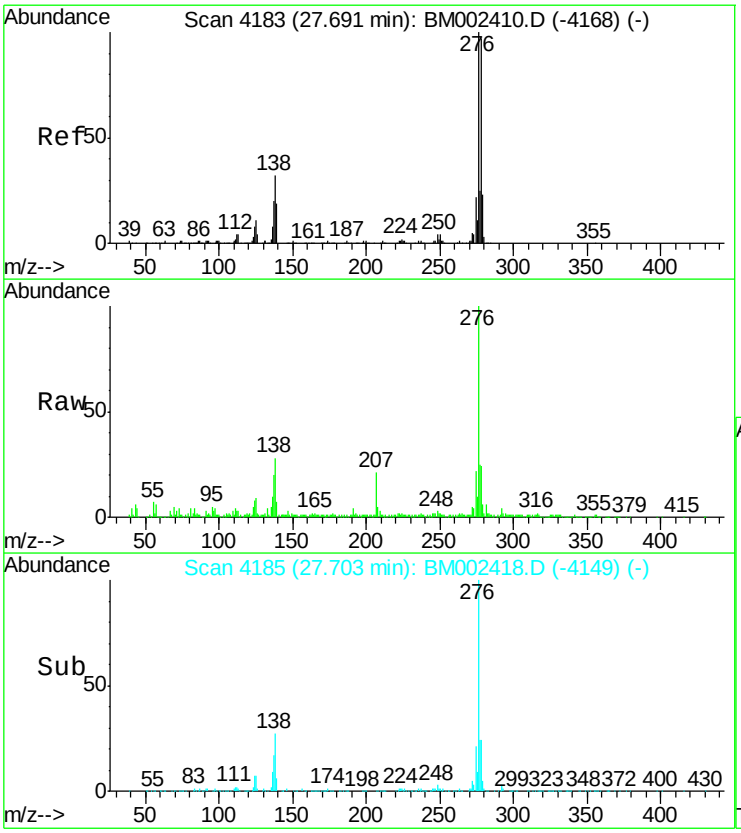
#27
Indeno(1,2,3-cd)pyrene
Concen: 12.87 ng/ul
RT: 27.71 min Scan# 4186
Delta R.T. 0.02 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 441636

Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.3	37.9
277	24.6	20.2	30.2

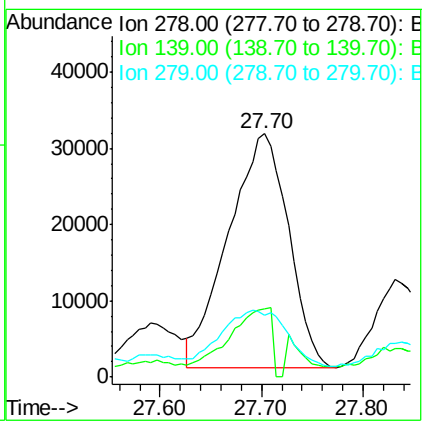


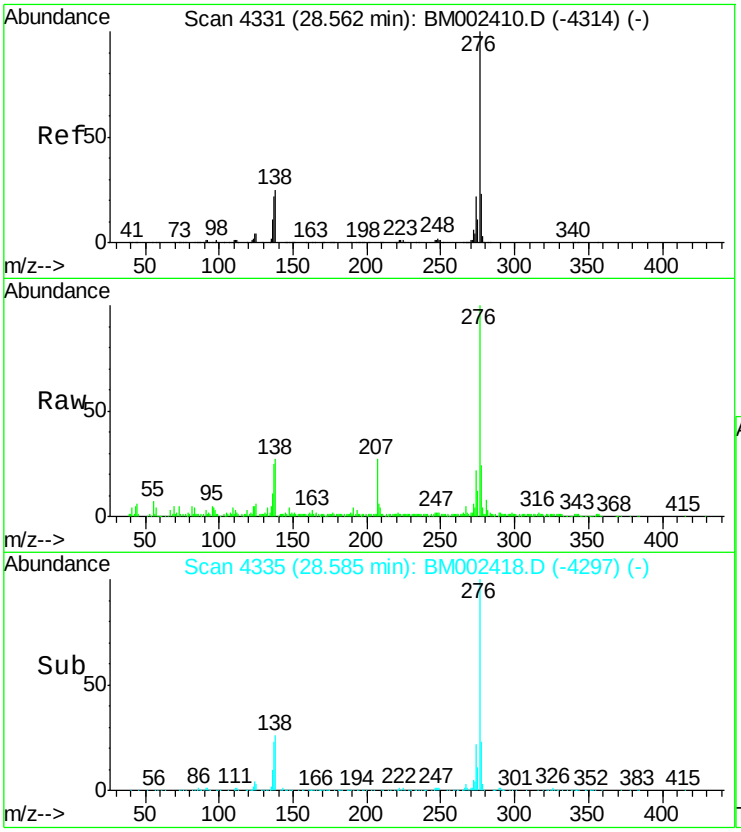


#28
Dibenzo(a,h)anthracene
Concen: 4.43 ng/ul
RT: 27.70 min Scan# 4185
Delta R.T. 0.01 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Tgt Ion:278 Resp: 127163

Ion	Ratio	Lower	Upper
278	100		
139	27.9	16.5	24.7#
279	25.5	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 13.70 ng/ul
RT: 28.59 min Scan# 4335
Delta R.T. 0.02 min
Lab File: BM002418.D
Acq: 15 Aug 2015 10:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 391351

Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.0	31.6
277	24.5	19.2	28.8