Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002451.D
Acq On : 17 Aug 2015 14:56
Operator : UM/IZ
Sample : G3227-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 18 02:01:19 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 01:54:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	136248	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	618445	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	320323	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	649943	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	473273	20.00	ng/ul	0.00
22) Perylene-d12	24.91	264	418343	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	781041	23.85	ng/ul	0.00
10) Fluorene-d10	16.42	176	514869	22.38	ng/ul	0.00
14) Anthracene-d10	18.26	188	740424	23.62	ng/ul	0.00
18) Pyrene-d10	20.47	212	654509	31.20	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.74	264	479901	21.84	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.79	128	83156	2.63	ng/ul	98
8) Acenaphthylene	15.19	152	57158	1.67	ng/ul	98
9) Acenaphthene	15.52	153	29704	1.32	ng/ul	97
11) Fluorene	16.48	166	26108	1.01	ng/ul	97
13) Phenanthrene	18.20	178	428858	11.43	ng/ul	100
15) Anthracene	18.29	178	171479	4.51	ng/ul	99
16) Fluoranthene	20.14	202	966729	22.75	ng/ul	98
19) Pyrene	20.50	202	856418	30.89	ng/ul	100
20) Benzo(a)anthracene	22.22	228	589533	20.83	ng/ul	98
21) Chrysene	22.28	228	668354	25.25	ng/ul	97
23) Benzo(b)fluoranthene	24.09	252	1041243	41.17	ng/ul	98
24) Benzo(k)fluoranthene	24.30	252	134914	5.63	ng/ul#	88
26) Benzo(a)pyrene	24.80	252	681524	28.21	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.74	276	537460	19.35	ng/ul	94
28) Dibenzo(a,h)anthracene	27.74	278	139437	6.00	ng/ul#	77
29) Benzo(g,h,i)perylene	28.63	276	472113	20.42	ng/ul	97

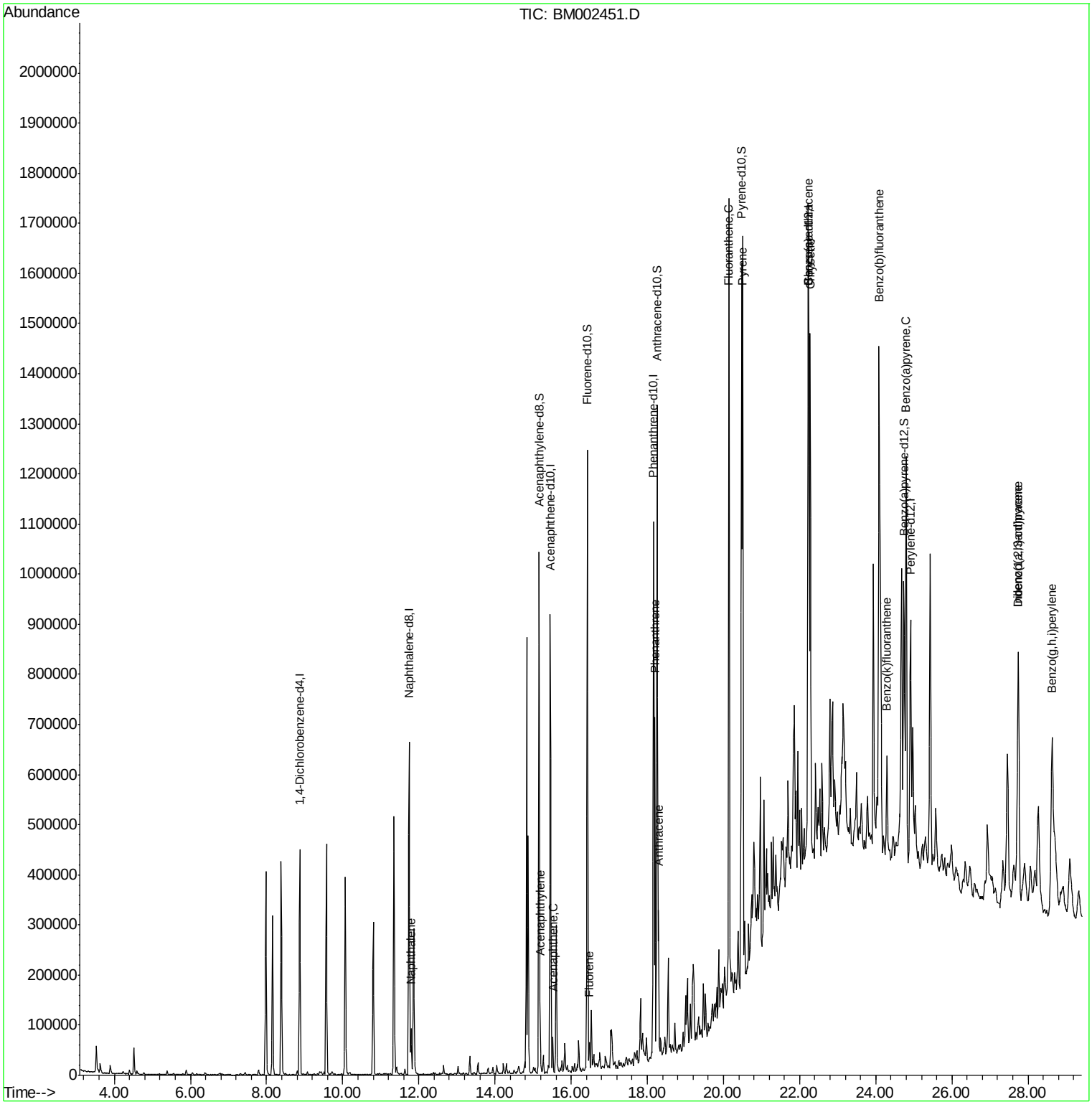
(#) = qualifier out of range (m) = manual integration (+) = signals summed

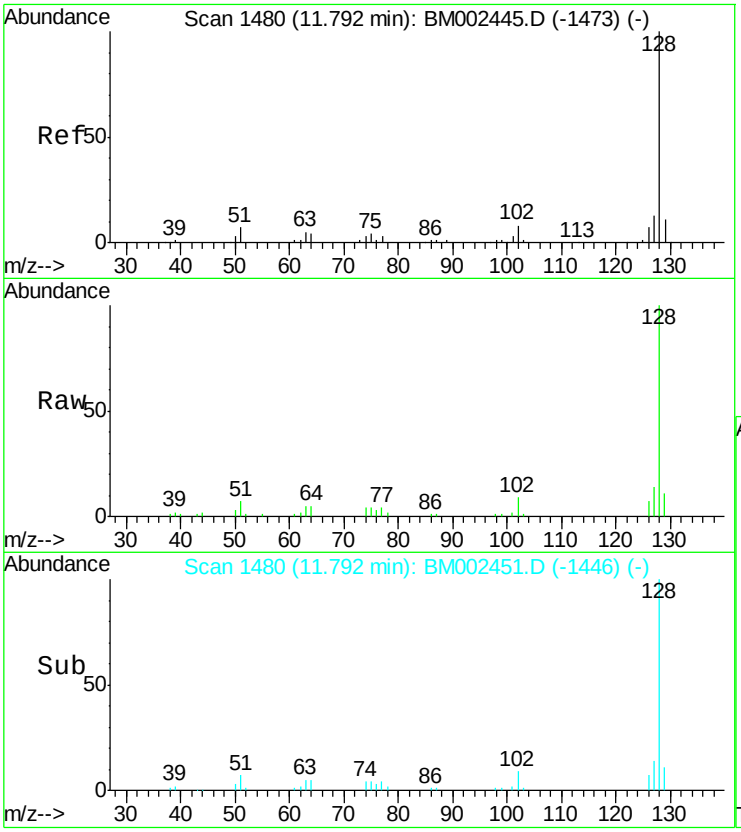
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002451.D
Acq On : 17 Aug 2015 14:56
Operator : UM/IZ
Sample : G3227-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 18 02:01:19 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 01:54:16 2015
Response via : Initial Calibration



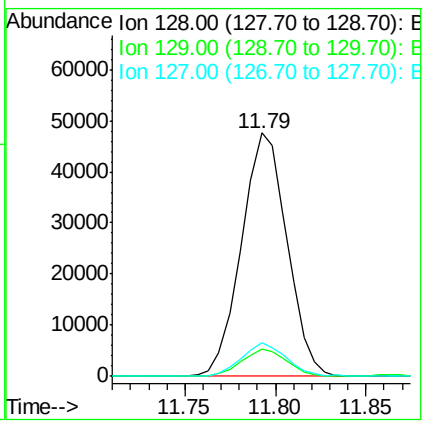


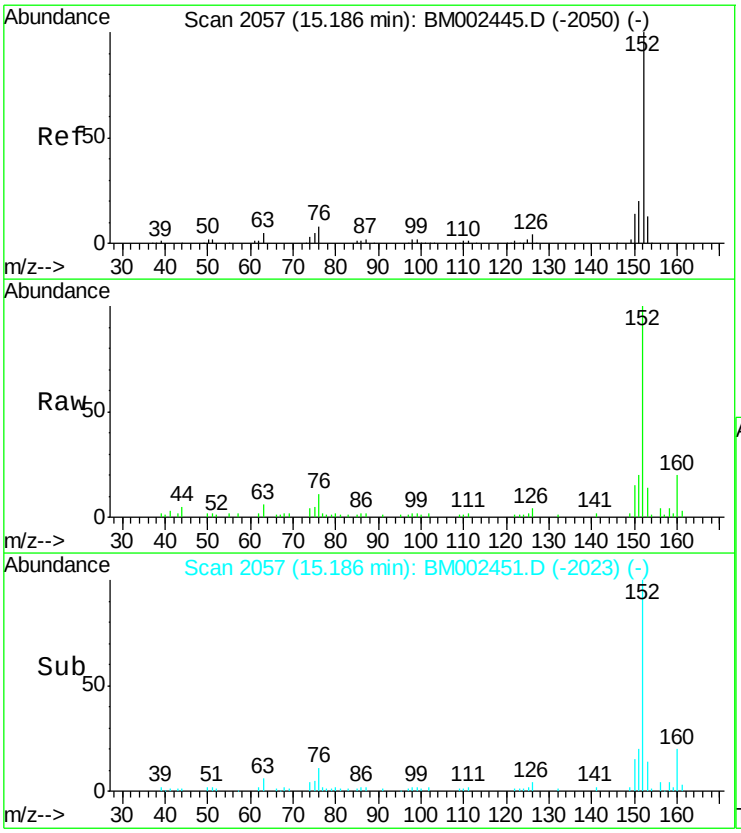
#3
Naphthalene
Concen: 2.63 ng/ul
RT: 11.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 83156

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.7	10.4	15.6

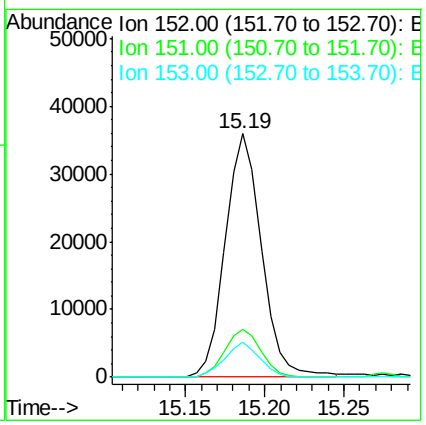


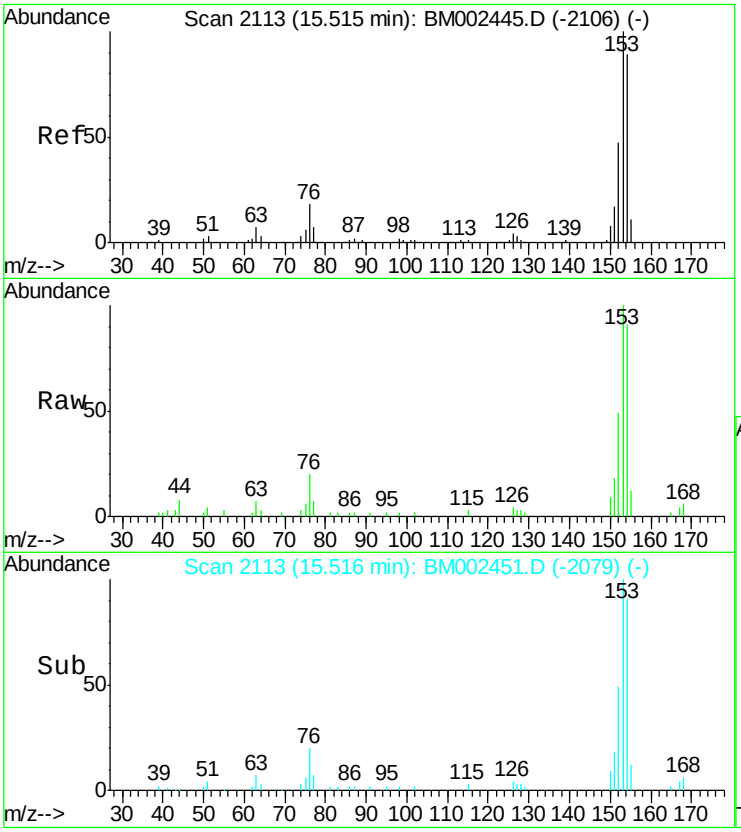


#8
Acenaphthylene
Concen: 1.67 ng/ul
RT: 15.19 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Tgt Ion:152 Resp: 57158

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	14.2	10.2	15.4



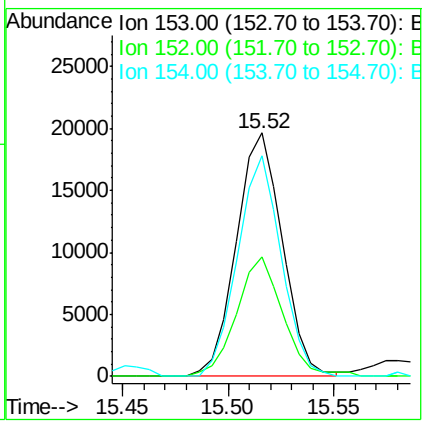


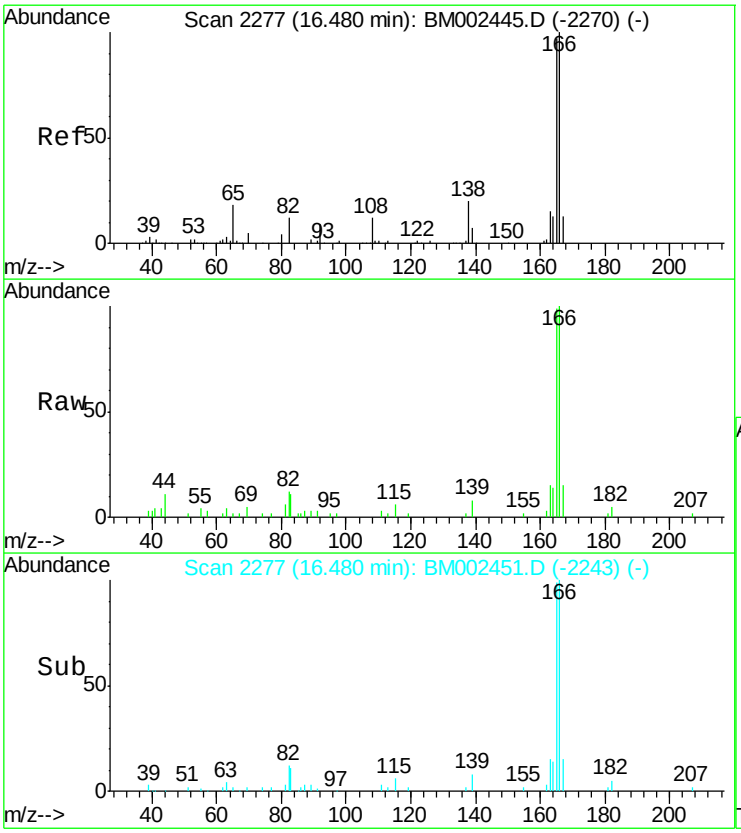
#9
Acenaphthene
Concen: 1.32 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 29704

Ion	Ratio	Lower	Upper
153	100		
152	48.9	36.9	55.3
154	90.8	71.3	106.9

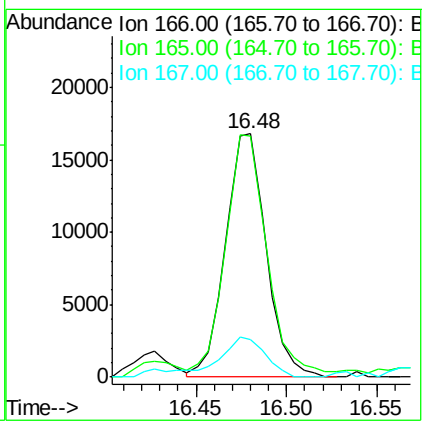


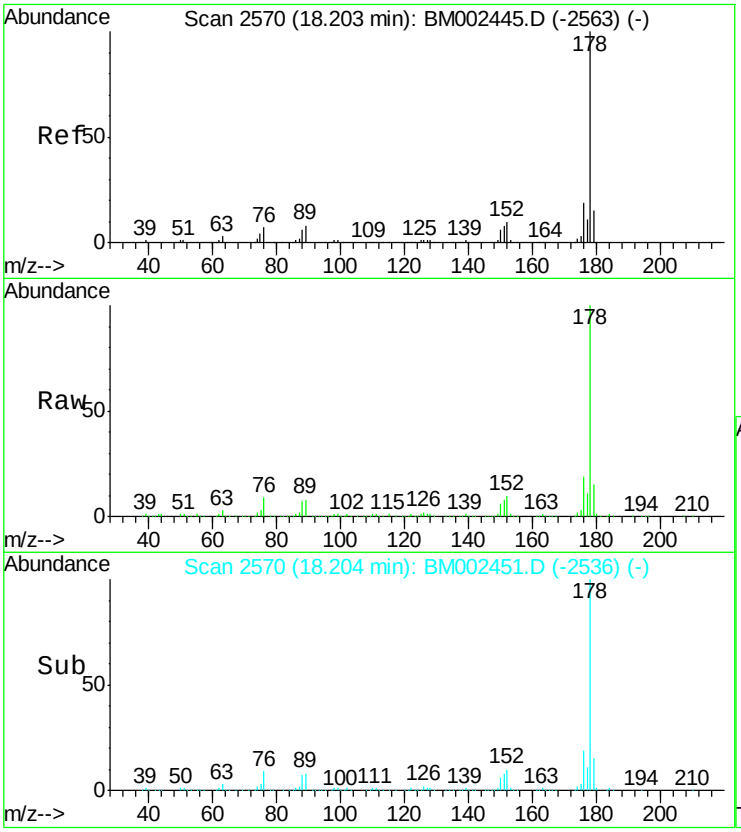


#11
Fluorene
Concen: 1.01 ng/ul
RT: 16.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Tgt Ion:166 Resp: 26108

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.6	116.4
167	15.5	10.7	16.1



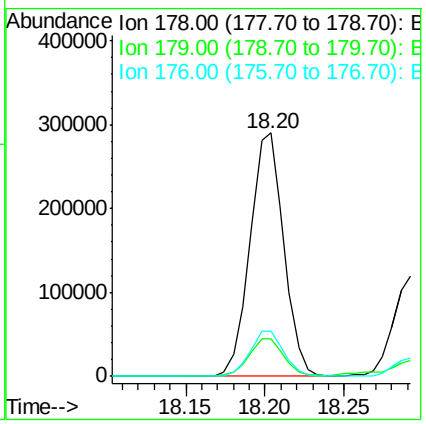


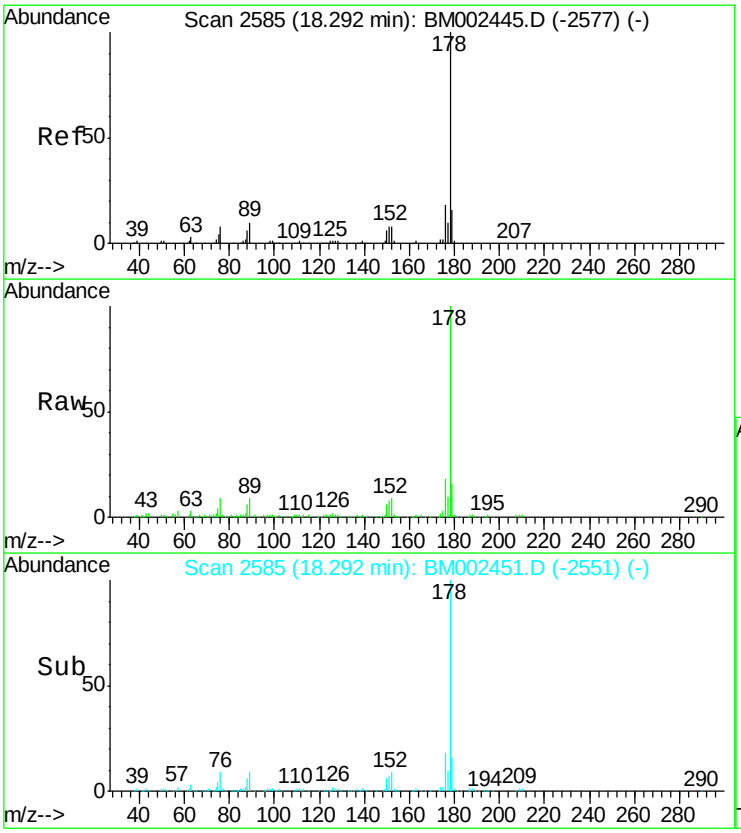
#13
Phenanthrene
Concen: 11.43 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. 0.00 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 428858

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.7	15.1	22.7

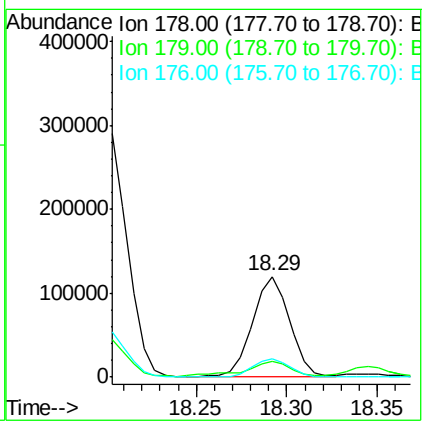


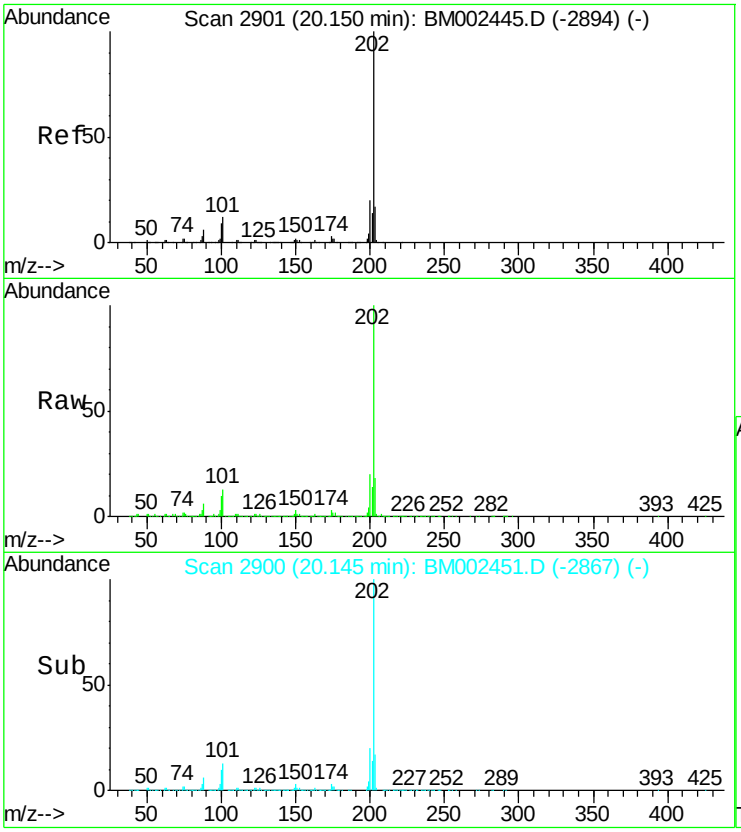


#15
Anthracene
Concen: 4.51 ng/ul
RT: 18.29 min Scan# 2585
Delta R.T. 0.00 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Tgt Ion:178 Resp: 171479

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	18.3	14.5	21.7



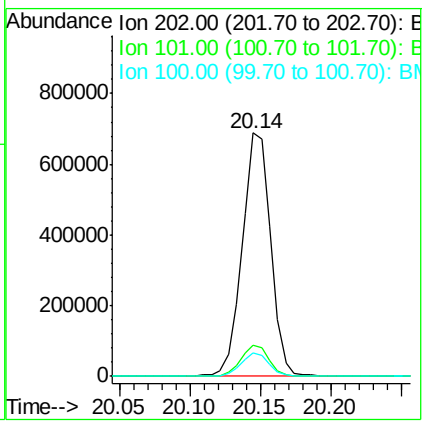


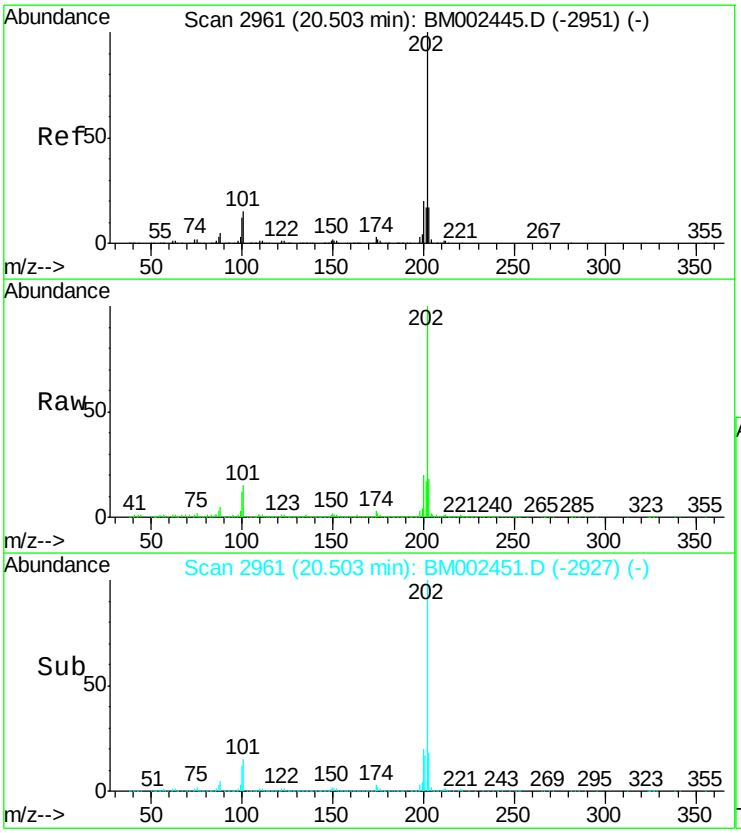
#16
Fluoranthene
Concen: 22.75 ng/ul
RT: 20.14 min Scan# 2900
Delta R.T. -0.01 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 966729

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.7	14.5
100	9.8	7.4	11.2

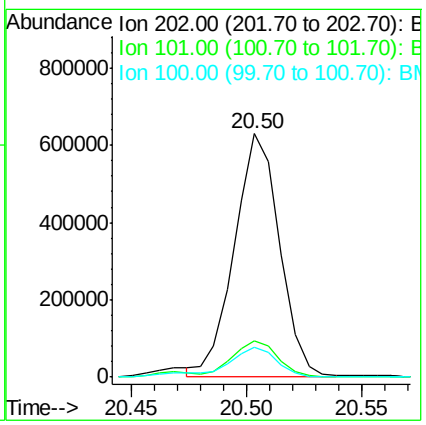


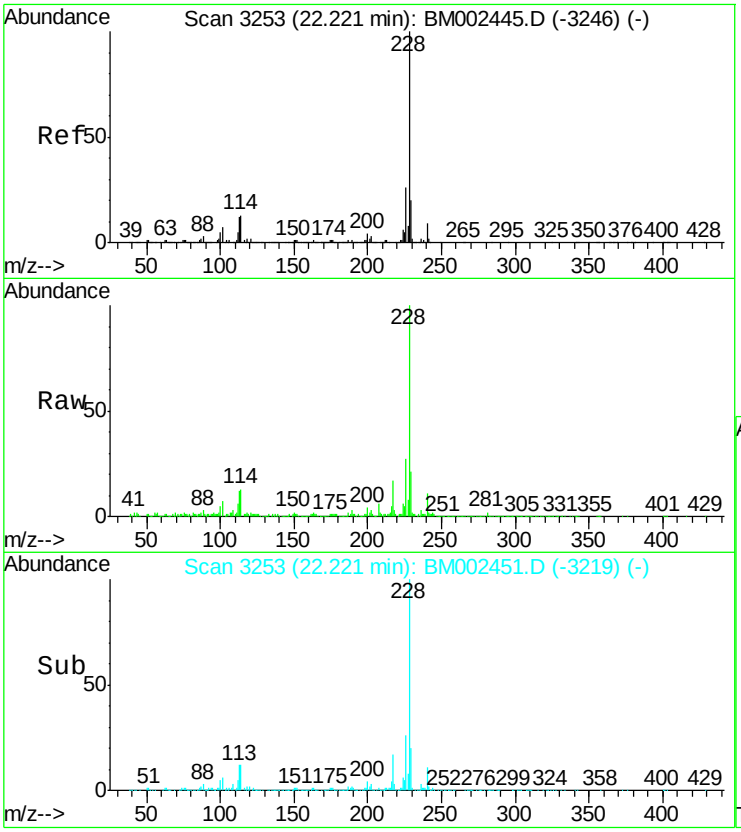


#19
Pyrene
Concen: 30.89 ng/ul
RT: 20.50 min Scan# 2961
Delta R.T. 0.00 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Tgt Ion:202 Resp: 856418

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.0	18.0
100	12.3	9.7	14.5



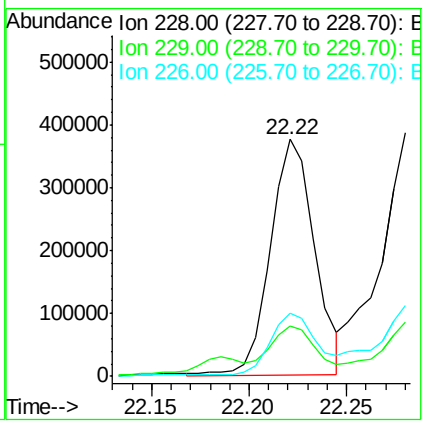


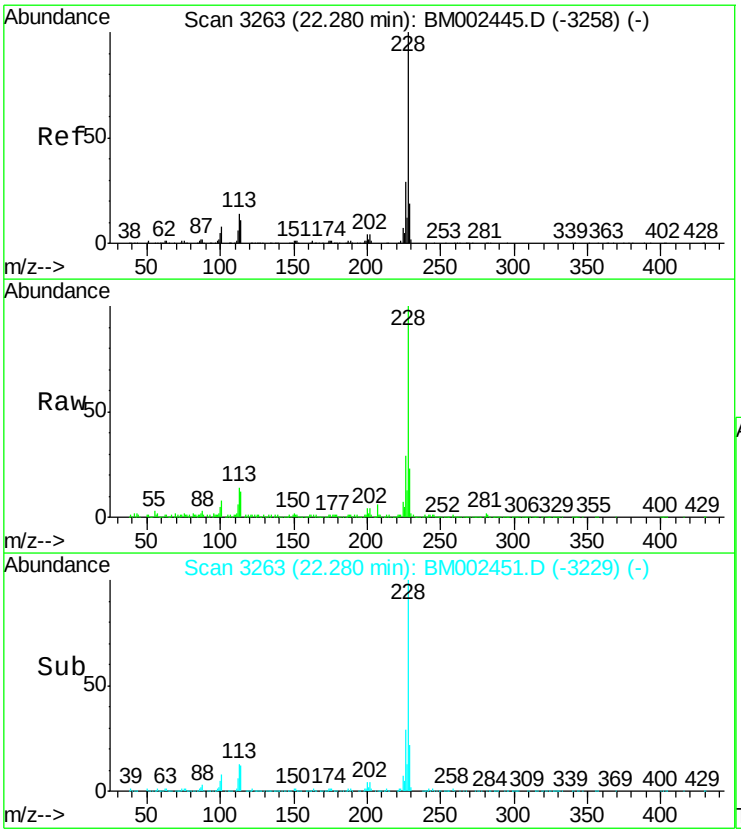
#20
Benzo(a)anthracene
Concen: 20.83 ng/ul
RT: 22.22 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 589533

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	26.8	21.1	31.7

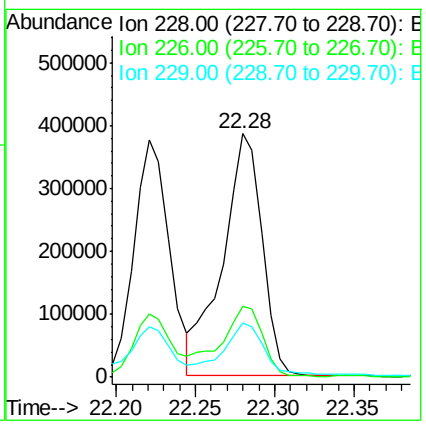


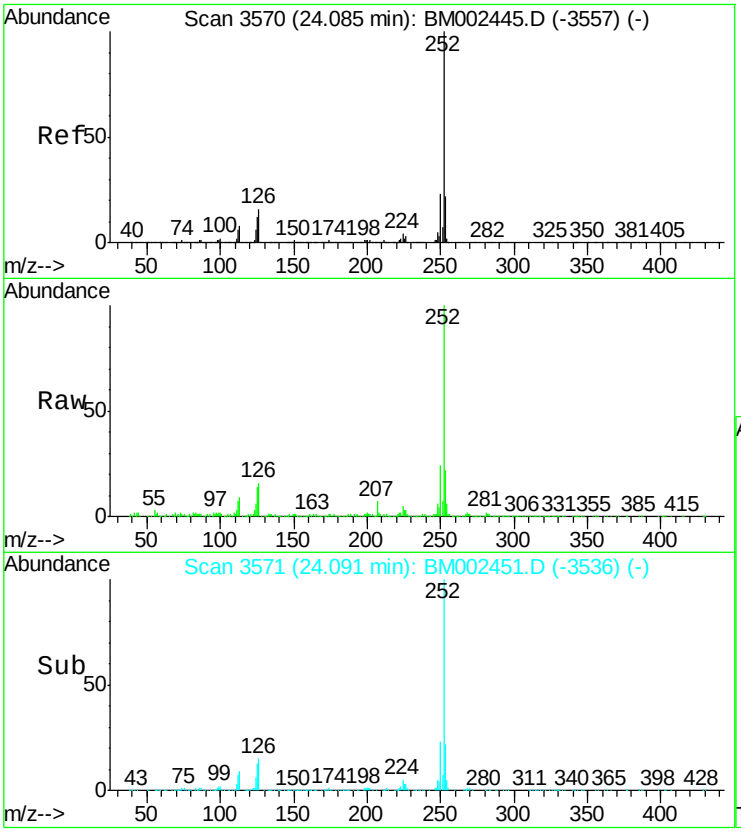


#21
Chrysene
Concen: 25.25 ng/ul
RT: 22.28 min Scan# 3263
Delta R.T. 0.00 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Tgt Ion:228 Resp: 668354

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	22.5	15.7	23.5



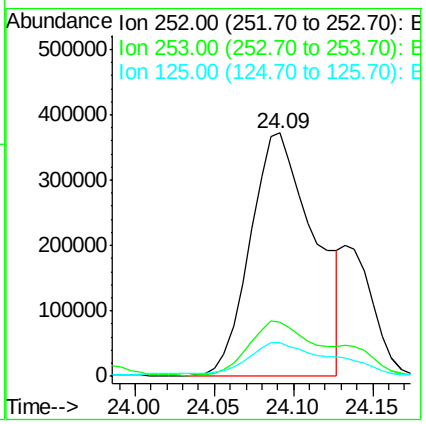


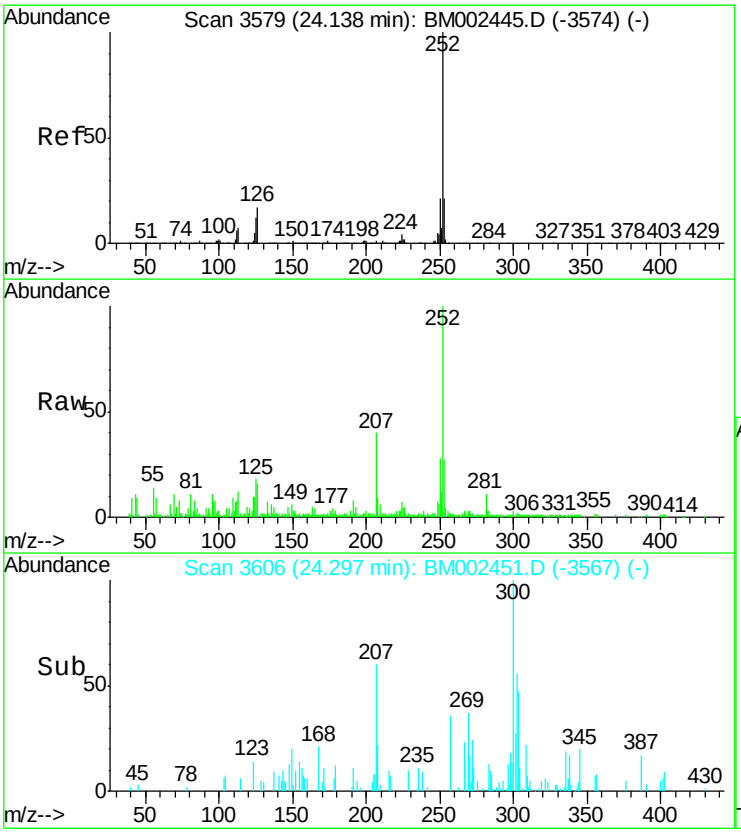
#23
Benzo(b)fluoranthene
Concen: 41.17 ng/ul
RT: 24.09 min Scan# 3571
Delta R.T. 0.01 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1041243

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

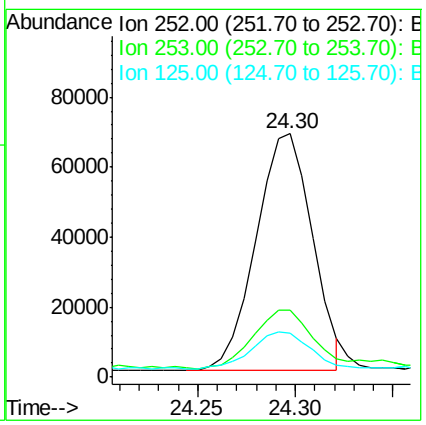


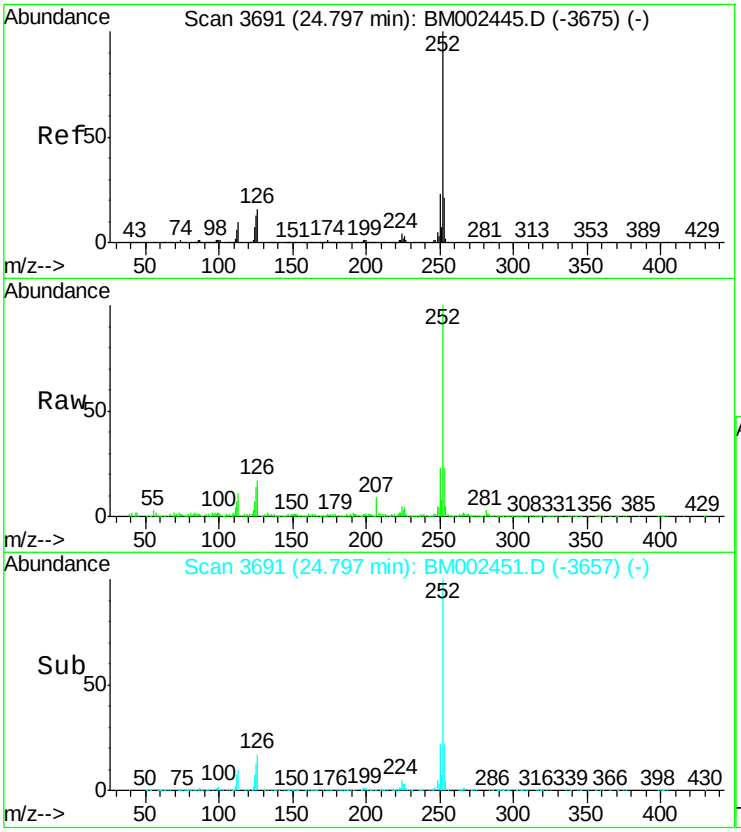


#24
Benzo(k)fluoranthene
Concen: 5.63 ng/ul
RT: 24.30 min Scan# 3606
Delta R.T. 0.16 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Tgt Ion:252 Resp: 134914

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.8	26.6#
125	17.9	9.8	14.8#



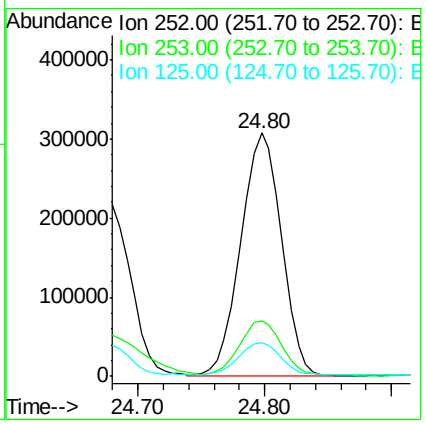


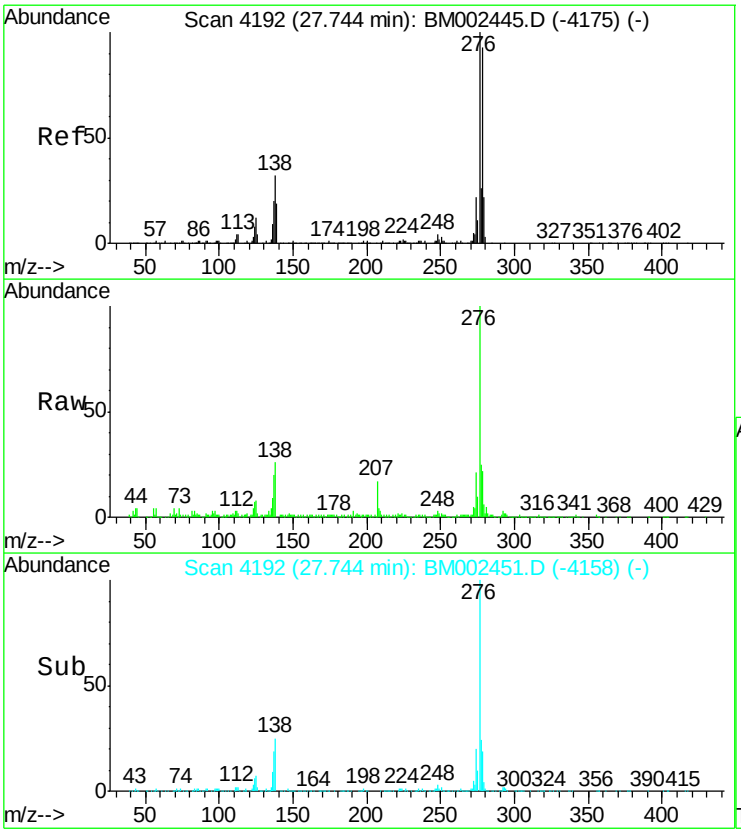
#26
Benzo(a)pyrene
Concen: 28.21 ng/ul
RT: 24.80 min Scan# 3691
Delta R.T. 0.00 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 681524

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	14.1	10.7	16.1

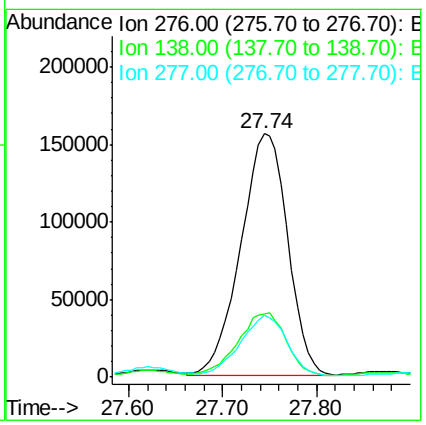


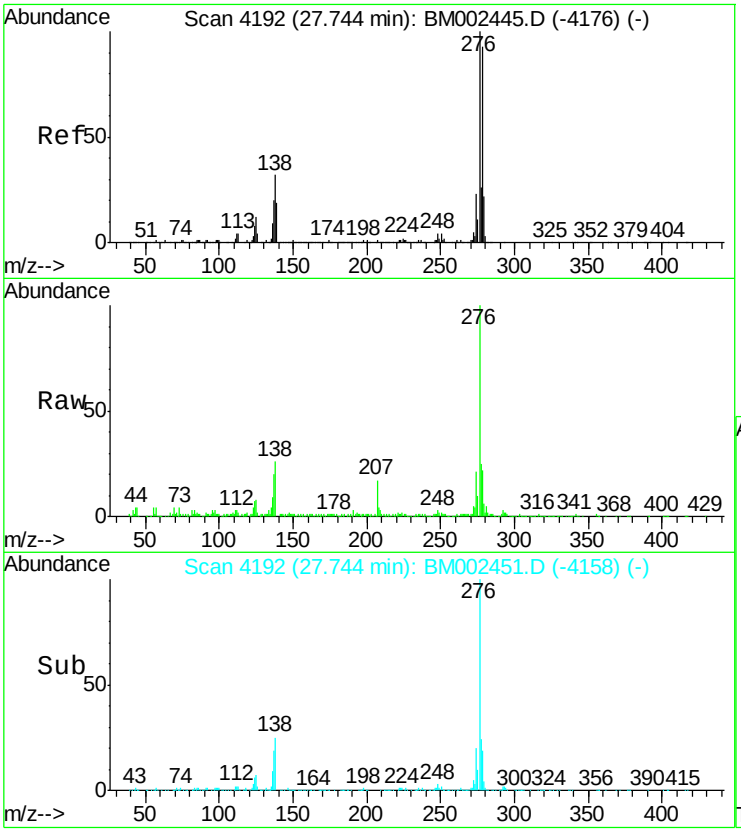


#27
Indeno(1,2,3-cd)pyrene
Concen: 19.35 ng/ul
RT: 27.74 min Scan# 4192
Delta R.T. 0.00 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Tgt Ion:276 Resp: 537460

Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.3	37.9
277	25.2	20.2	30.2



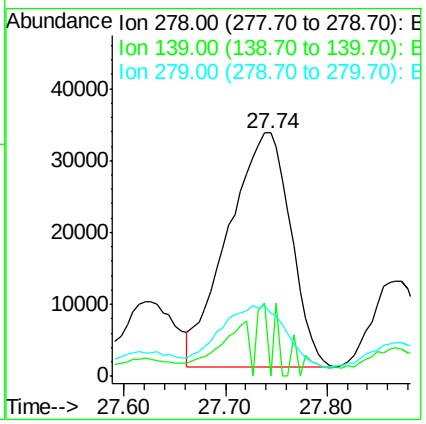


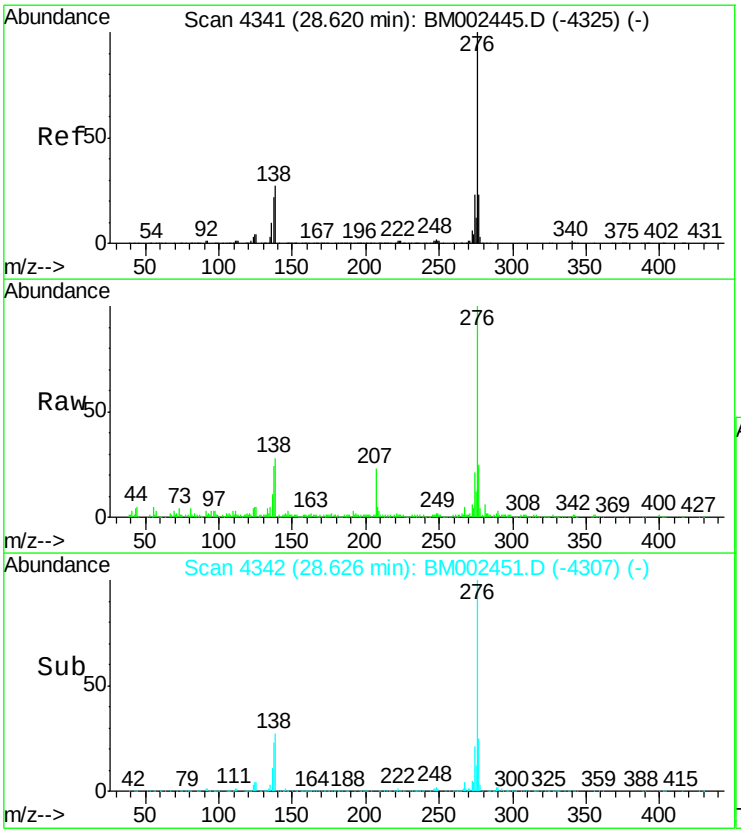
#28
Dibenzo(a,h)anthracene
Concen: 6.00 ng/ul
RT: 27.74 min Scan# 4192
Delta R.T. 0.00 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 139437

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	26.0	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 20.42 ng/ul
RT: 28.63 min Scan# 4342
Delta R.T. 0.01 min
Lab File: BM002451.D
Acq: 17 Aug 2015 14:56

Tgt Ion:276 Resp: 472113

Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.0	31.6
277	25.2	19.2	28.8