Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002462.D
Acq On : 17 Aug 2015 21:46
Operator : UM/IZ
Sample : G3227-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 18 03:06:42 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 03:02:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	151424	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	672964	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	337547	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	591849	20.00	ng/ul	0.00
17) Chrysene-d12	22.26	240	386282	20.00	ng/ul	0.00
22) Perylene-d12	24.94	264	405004	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.17	160	561388	16.27	ng/ul	0.00
10) Fluorene-d10	16.43	176	364043	15.02	ng/ul	0.00
14) Anthracene-d10	18.27	188	467127	16.36	ng/ul	0.00
18) Pyrene-d10	20.49	212	354034	20.68	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.77	264	331567	15.59	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	11.80	128	219100	6.38	ng/ul	100
4) 2-Methylnaphthalene	13.35	142	96051	3.73	ng/ul	97
5) 1-Methylnaphthalene	13.56	142	81329	3.20	ng/ul	100
8) Acenaphthylene	15.20	152	92358	2.56	ng/ul	97
9) Acenaphthene	15.52	153	211381	8.88	ng/ul	99
11) Fluorene	16.49	166	193072	7.08	ng/ul	98
13) Phenanthrene	18.22	178	3629615	106.20	ng/ul	99
15) Anthracene	18.30	178	760077	21.94	ng/ul	100
16) Fluoranthene	20.17	202	3851885	99.55	ng/ul	98
19) Pyrene	20.52	202	2892513	127.82	ng/ul	99
20) Benzo(a)anthracene	22.24	228	1496762	64.80	ng/ul	98
21) Chrysene	22.30	228	1412943	65.40	ng/ul	96
23) Benzo(b)fluoranthene	24.11	252	2048956	83.68	ng/ul	97
24) Benzo(k)fluoranthene	24.11	252	437969	18.88	ng/ul	97
26) Benzo(a)pyrene	24.83	252	1253039	53.58	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.79	276	935919	34.80	ng/ul	95
28) Dibenzo(a,h)anthracene	27.78	278	270852	12.05	ng/ul#	89
29) Benzo(g,h,i)perylene	28.69	276	808516	36.11	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
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Acq On : 17 Aug 2015 21:46
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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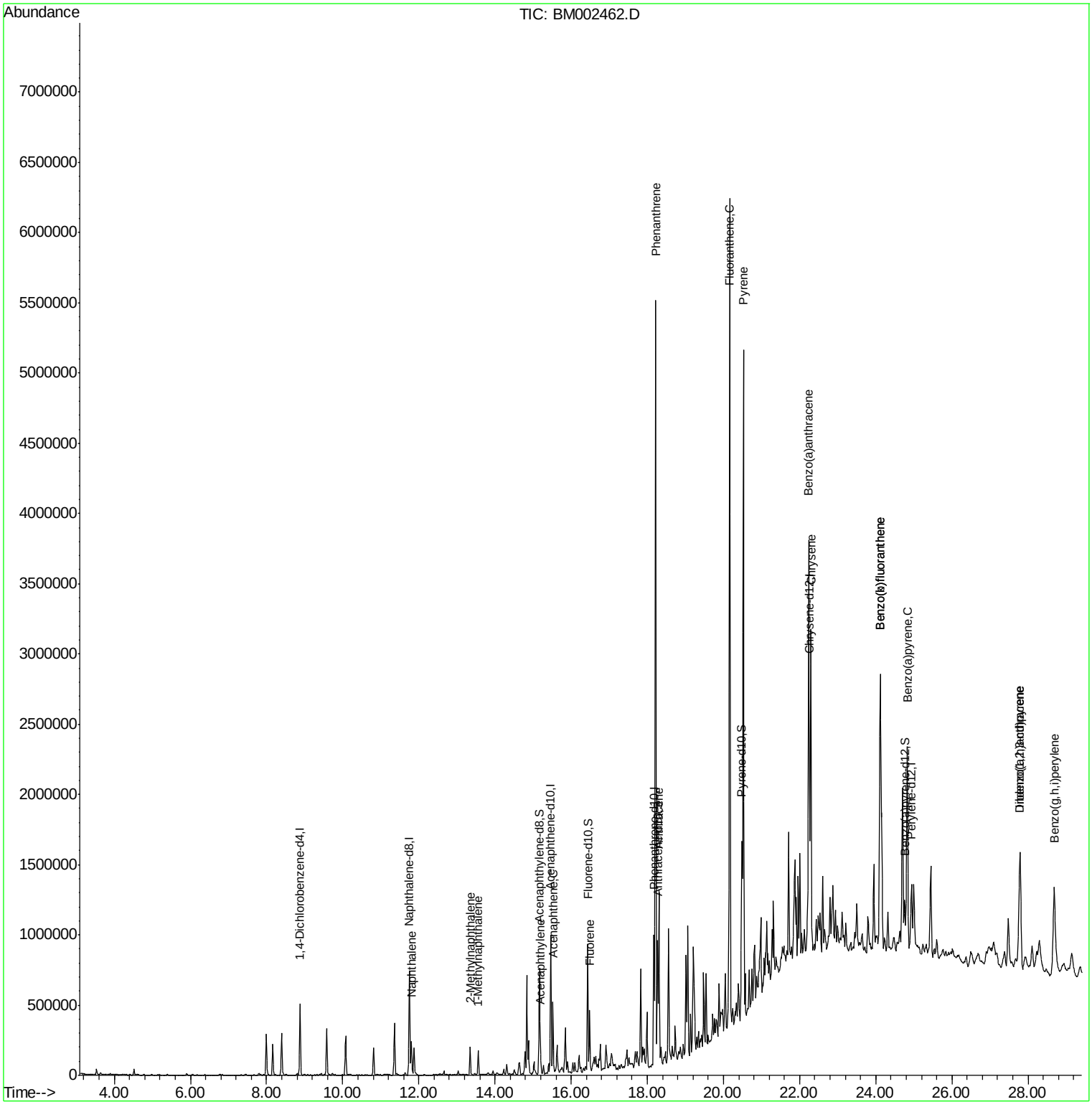
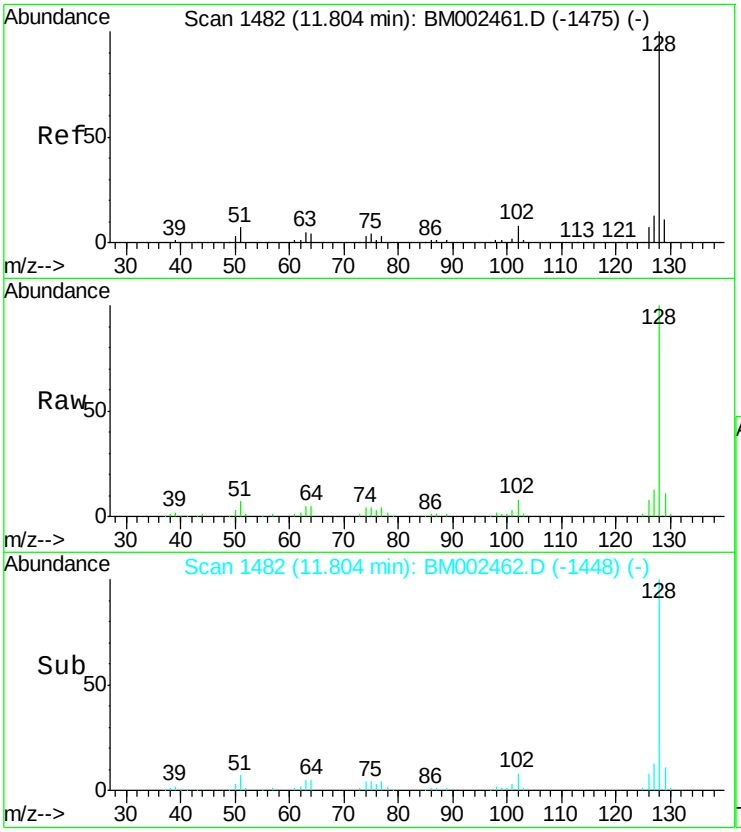
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 03:02:54 2015
Response via : Initial Calibration



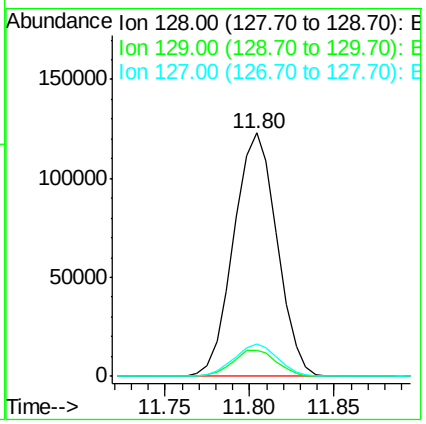


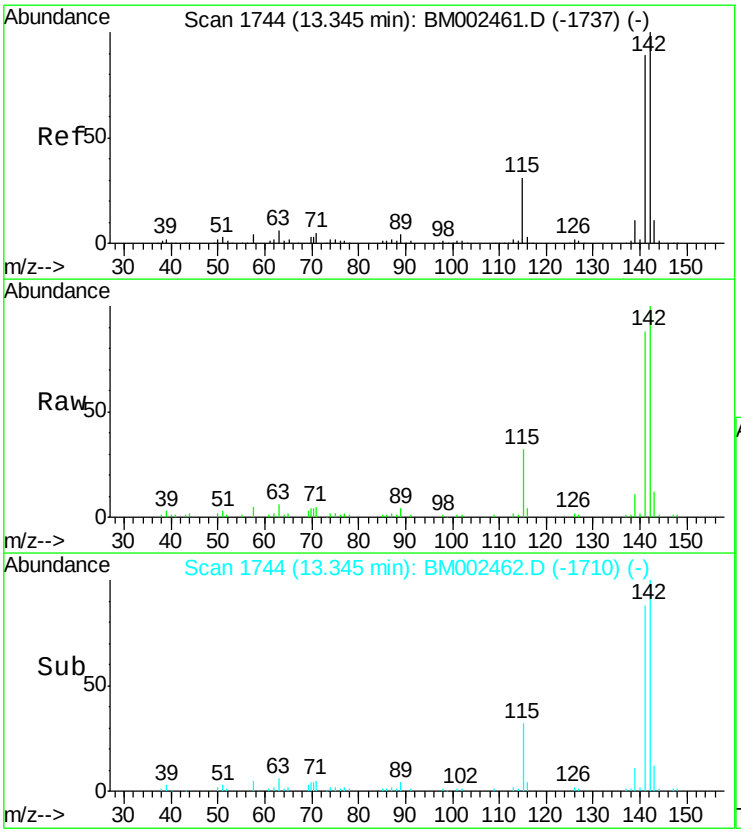
#3
Naphthalene
Concen: 6.38 ng/ul
RT: 11.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 219100

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.1	10.4	15.6

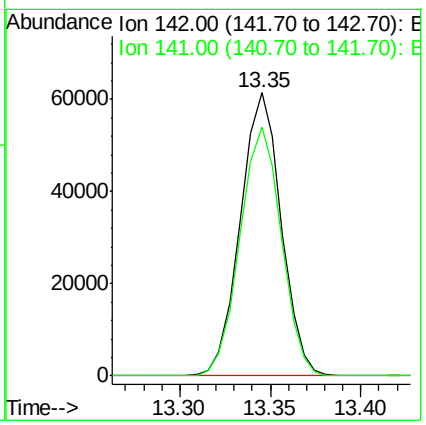


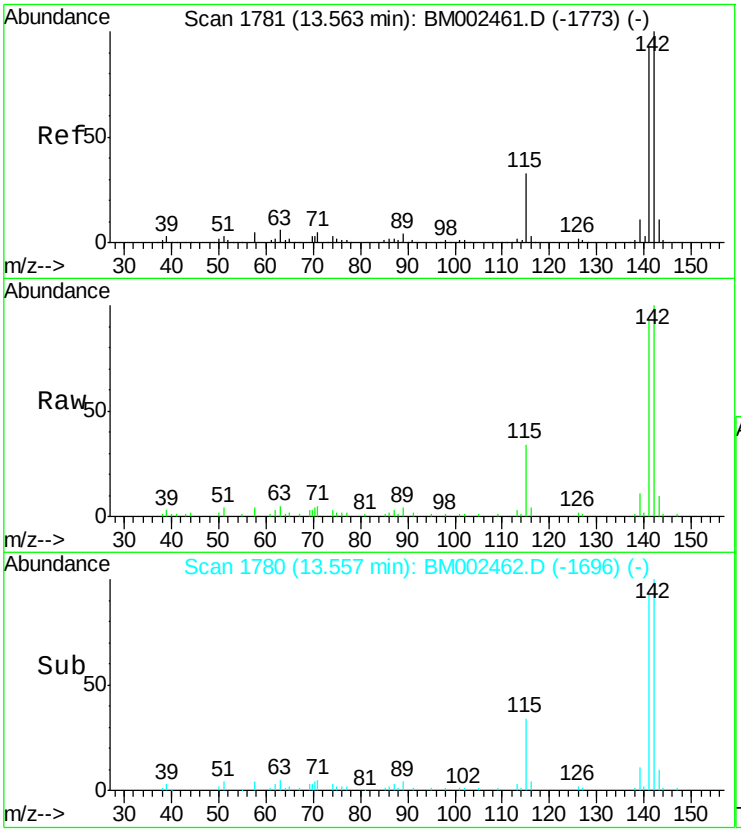


#4
2-Methylnaphthalene
Concen: 3.73 ng/ul
RT: 13.35 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Tgt Ion:142 Resp: 96051

Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.2	108.2



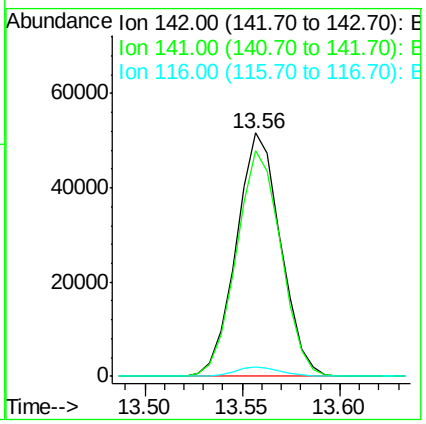


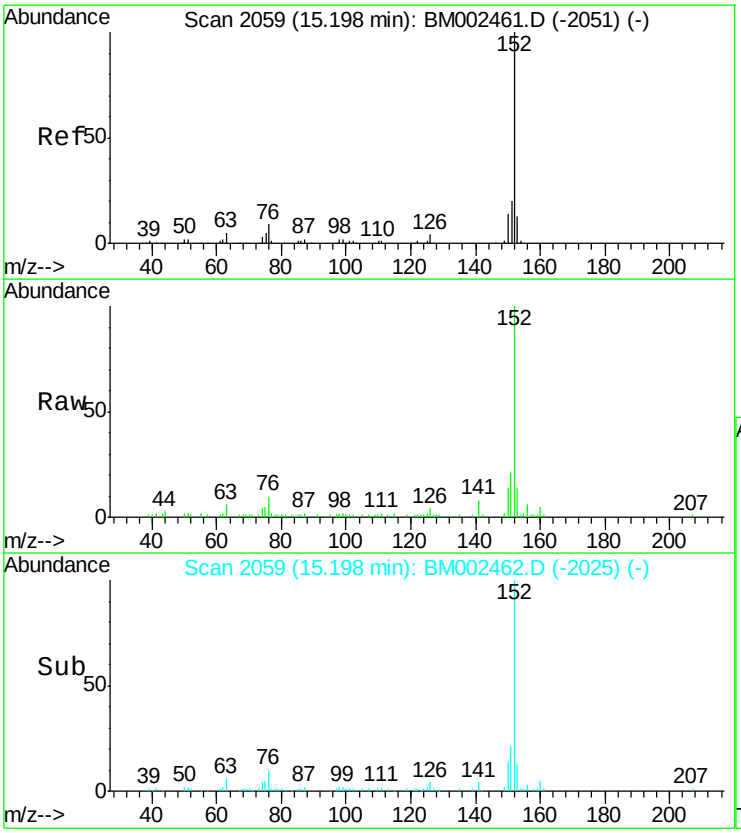
#5
1-Methylnaphthalene
Concen: 3.20 ng/ul
RT: 13.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 81329

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9
116	3.6	3.0	4.4

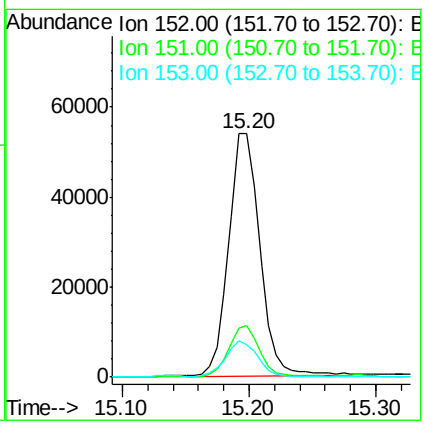


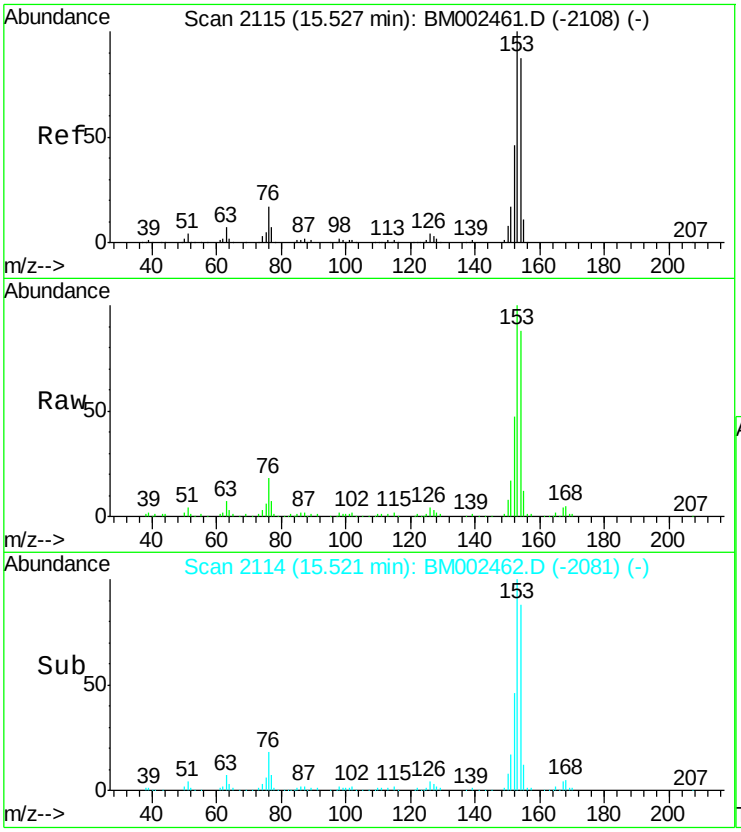


#8
Acenaphthylene
Concen: 2.56 ng/ul
RT: 15.20 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Tgt Ion:152 Resp: 92358

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.7	23.5
153	13.5	10.2	15.4



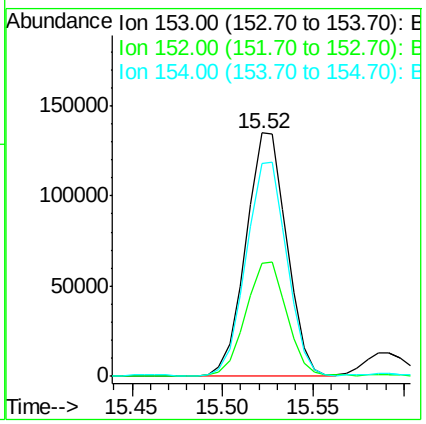


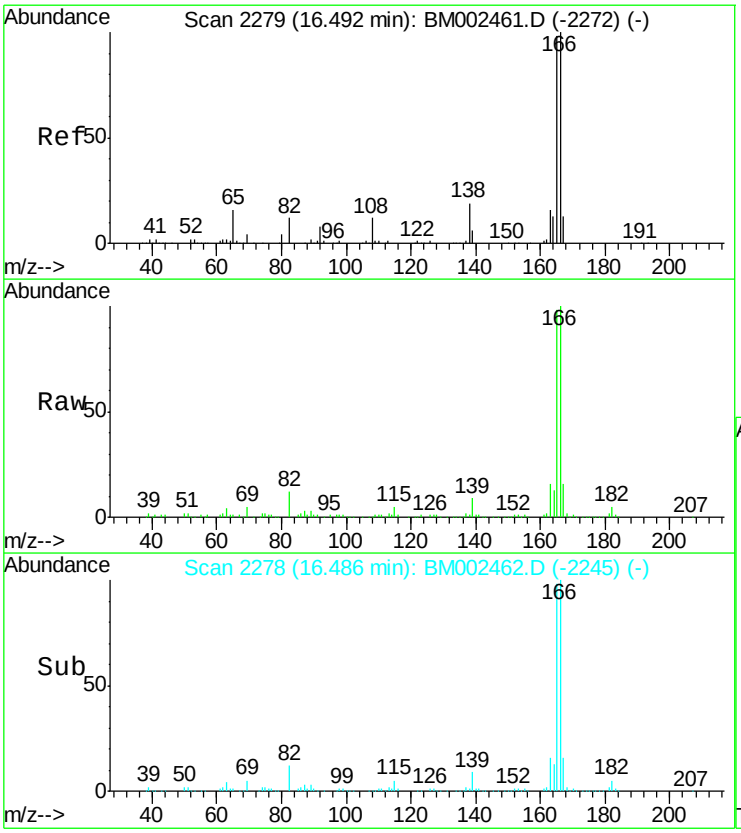
#9
Acenaphthene
Concen: 8.88 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 211381

Ion	Ratio	Lower	Upper
153	100		
152	46.5	36.9	55.3
154	87.5	71.3	106.9

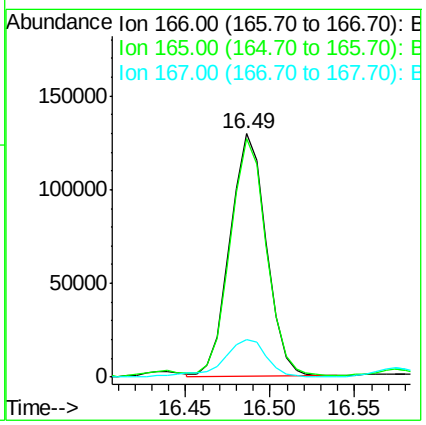


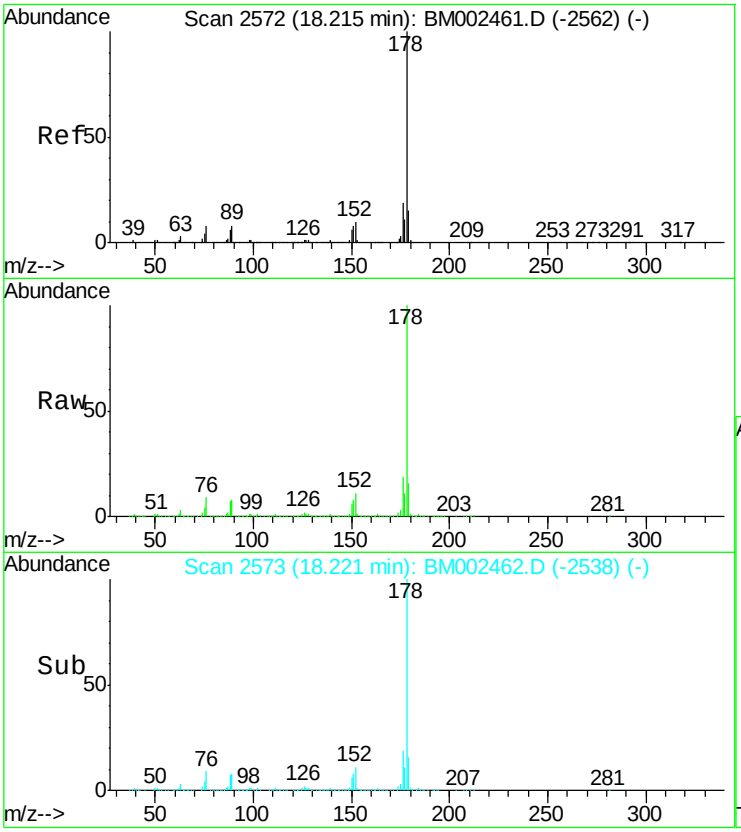


#11
Fluorene
Concen: 7.08 ng/ul
RT: 16.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Tgt Ion:166 Resp: 193072

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.6	116.4
167	15.7	10.7	16.1



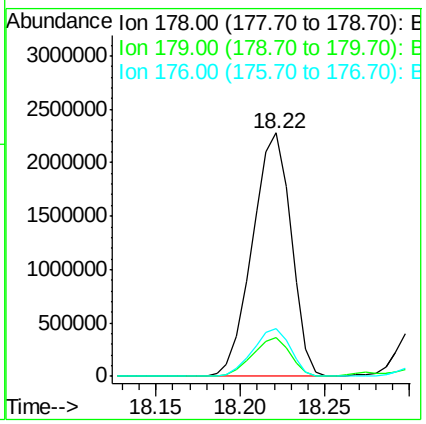


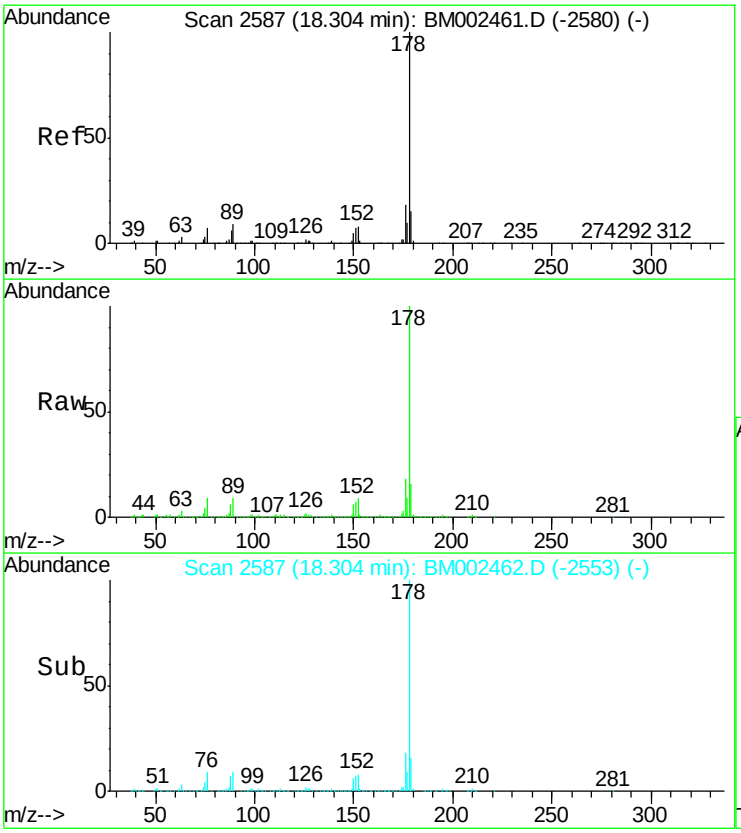
#13
Phenanthrene
Concen: 106.20 ng/ul
RT: 18.22 min Scan# 2573
Delta R.T. 0.01 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3629615

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	19.4	15.1	22.7

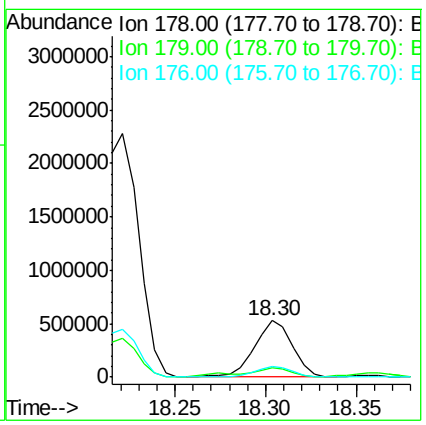


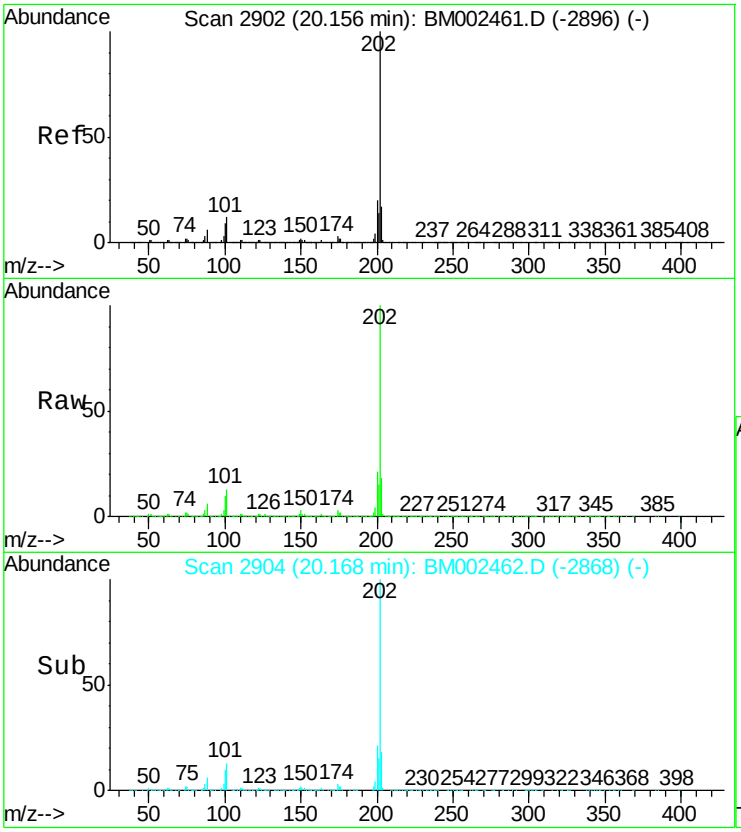


#15
Anthracene
Concen: 21.94 ng/ul
RT: 18.30 min Scan# 2587
Delta R.T. -0.00 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Tgt Ion:178 Resp: 760077

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	17.9	14.5	21.7



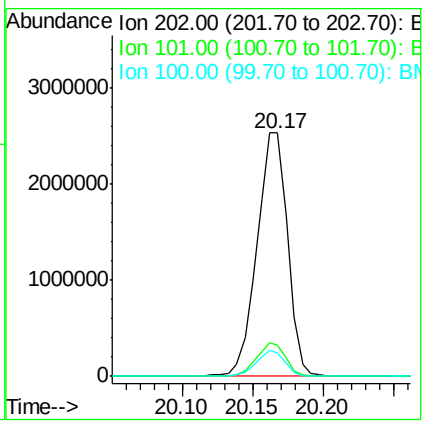


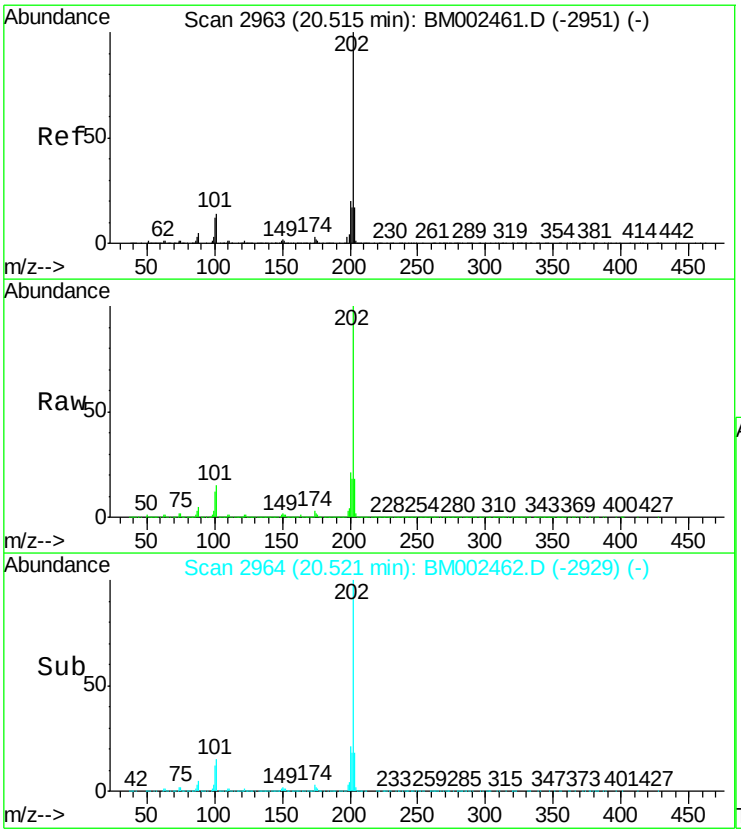
#16
Fluoranthene
Concen: 99.55 ng/ul
RT: 20.17 min Scan# 2904
Delta R.T. 0.01 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3851885

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.7	14.5
100	9.7	7.4	11.2

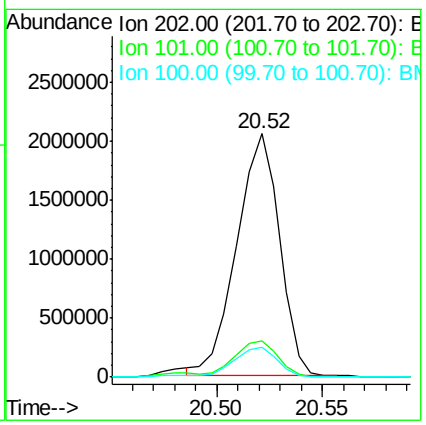


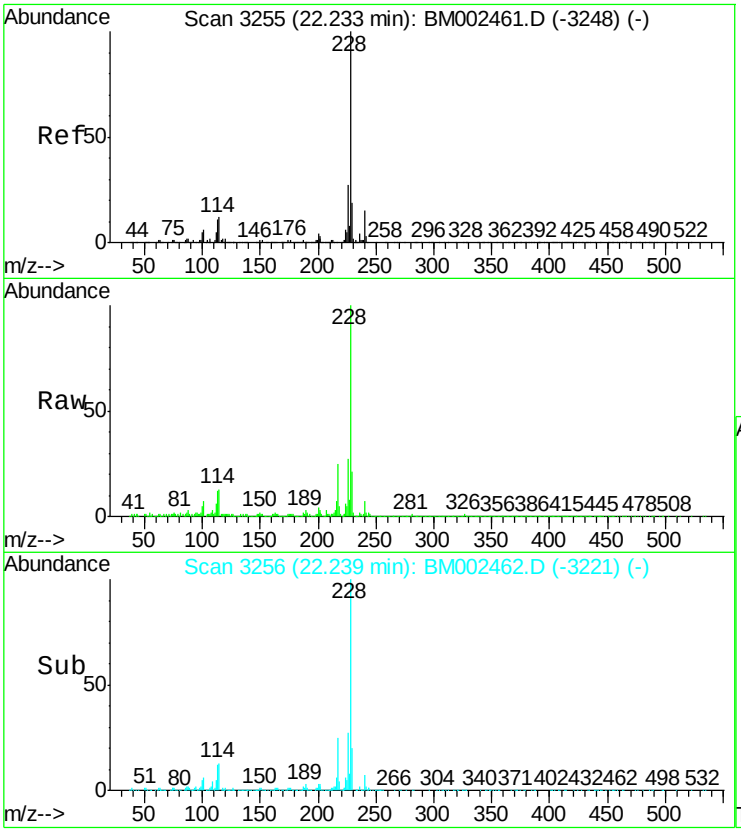


#19
Pyrene
Concen: 127.82 ng/ul
RT: 20.52 min Scan# 2964
Delta R.T. 0.01 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Tgt Ion:202 Resp: 2892513

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.0	18.0
100	12.4	9.7	14.5



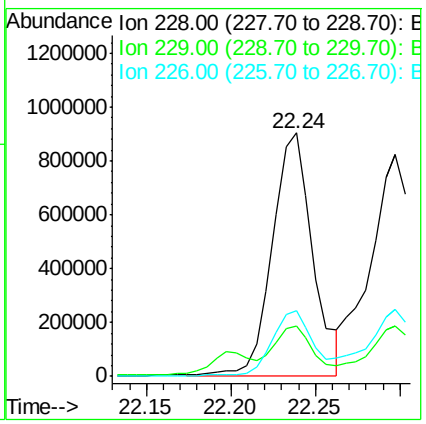


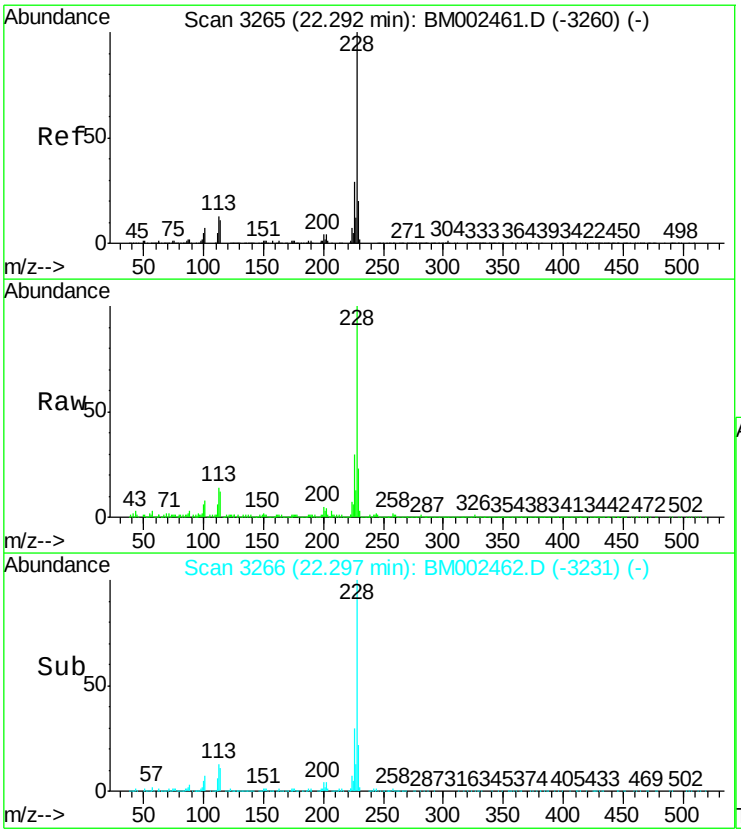
#20
Benzo(a)anthracene
Concen: 64.80 ng/ul
RT: 22.24 min Scan# 3256
Delta R.T. 0.01 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1496762

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	27.2	21.1	31.7

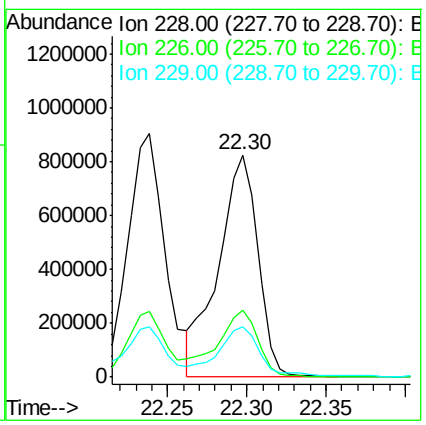


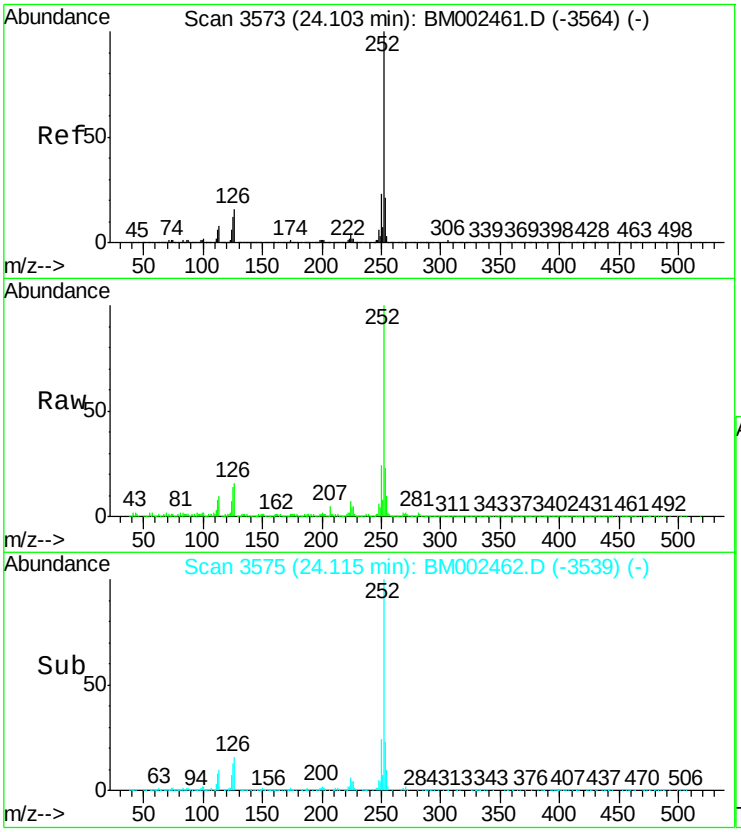


#21
Chrysene
Concen: 65.40 ng/ul
RT: 22.30 min Scan# 3266
Delta R.T. 0.01 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Tgt Ion:228 Resp: 1412943

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.6	15.7	23.5



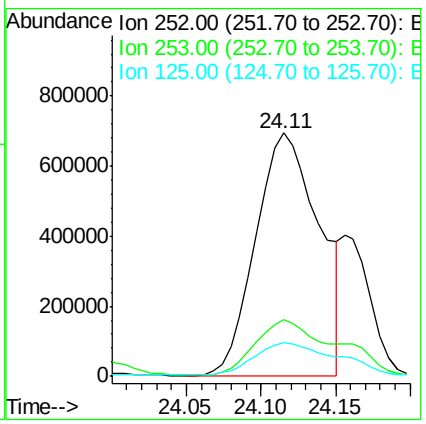


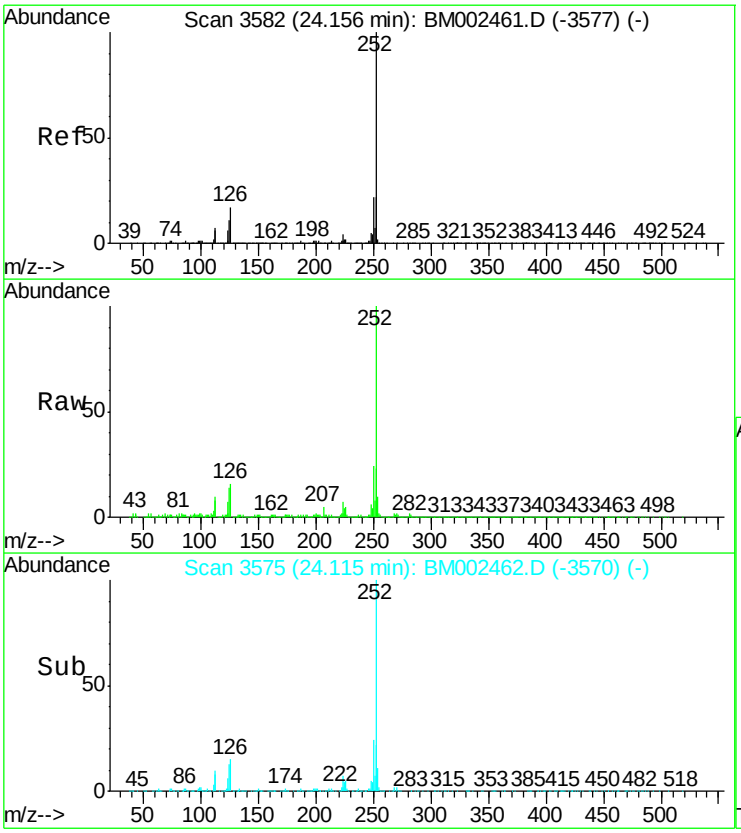
#23
Benzo(b)fluoranthene
Concen: 83.68 ng/ul
RT: 24.11 min Scan# 3575
Delta R.T. 0.01 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2048956

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	13.9	10.0	15.0

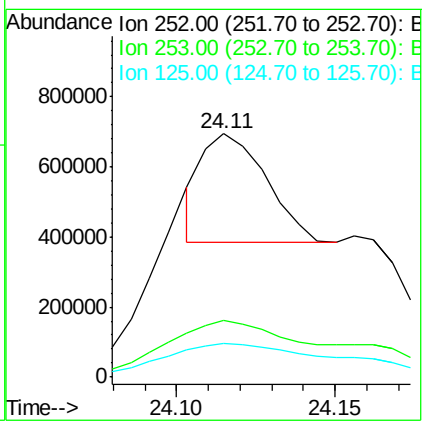


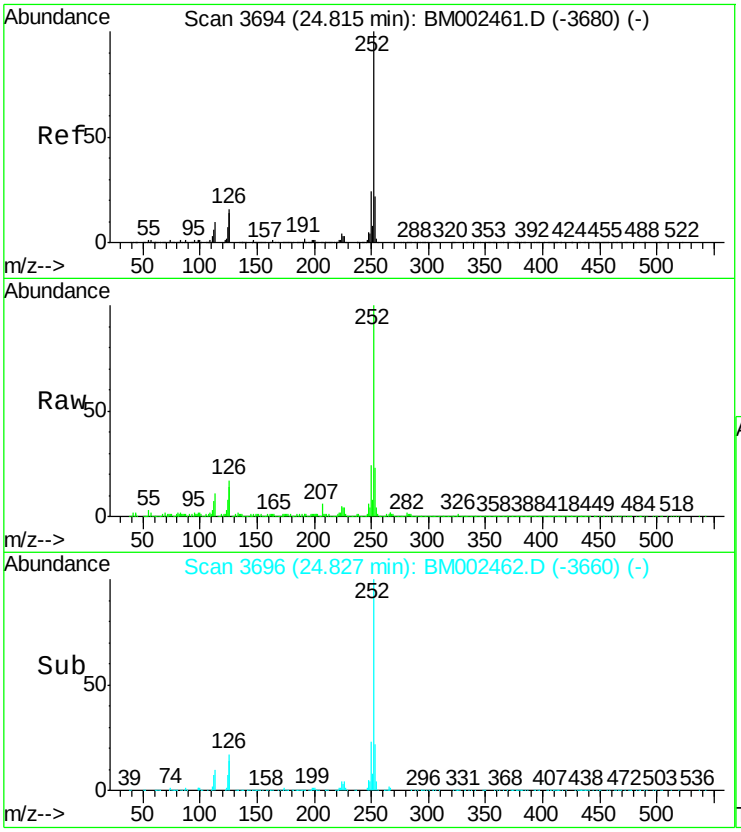


#24
Benzo(k)fluoranthene
Concen: 18.88 ng/ul
RT: 24.11 min Scan# 3575
Delta R.T. -0.04 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Tgt Ion:252 Resp: 437969

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	13.9	9.8	14.8



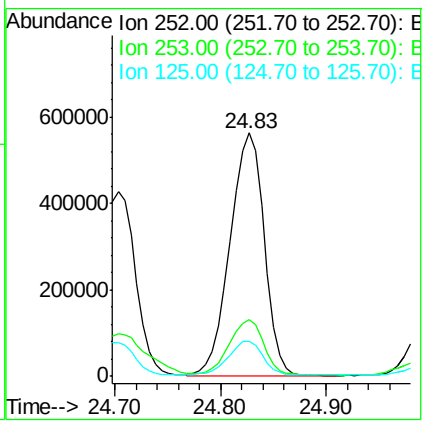


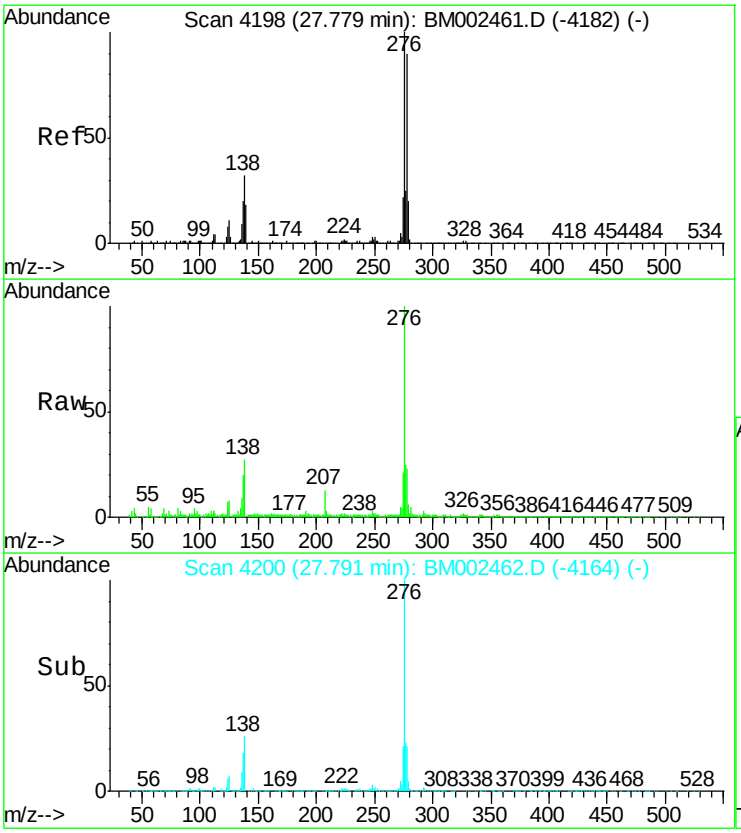
#26
Benzo(a)pyrene
Concen: 53.58 ng/ul
RT: 24.83 min Scan# 3696
Delta R.T. 0.01 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1253039

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	14.2	10.7	16.1

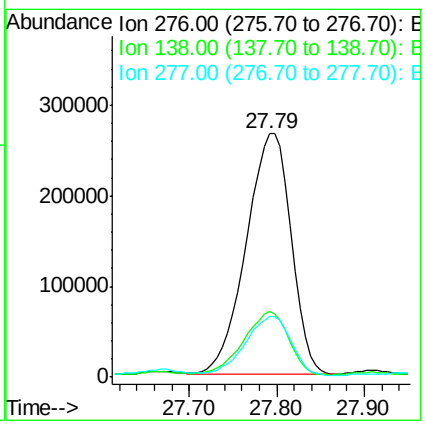


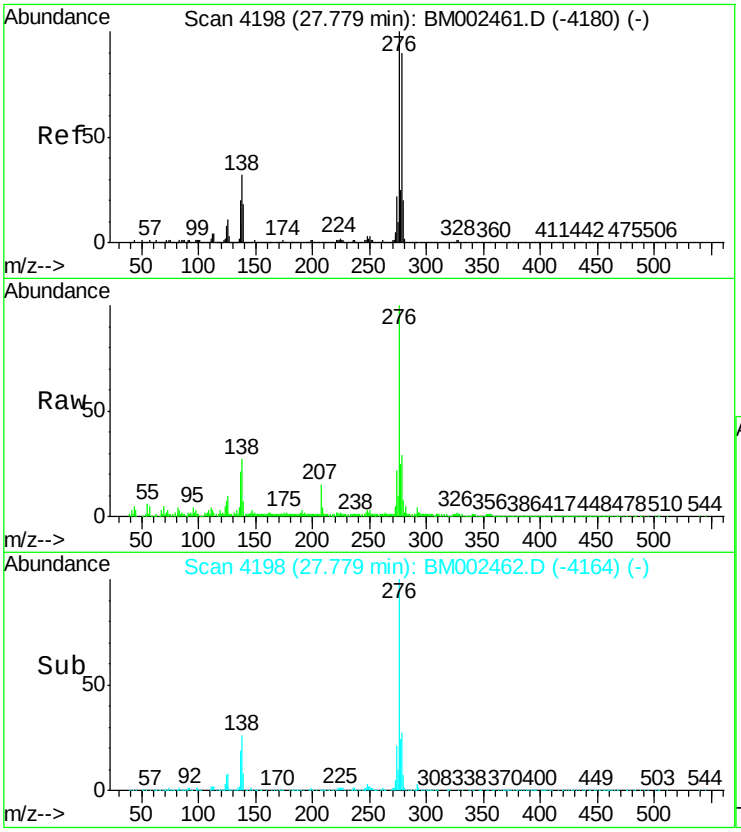


#27
Indeno(1,2,3-cd)pyrene
Concen: 34.80 ng/ul
RT: 27.79 min Scan# 4200
Delta R.T. 0.01 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Tgt Ion:276 Resp: 935919

Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.3	37.9
277	24.8	20.2	30.2



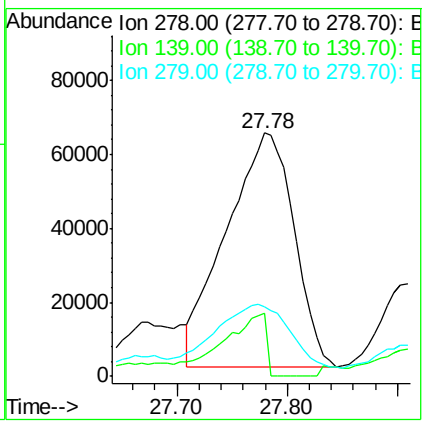


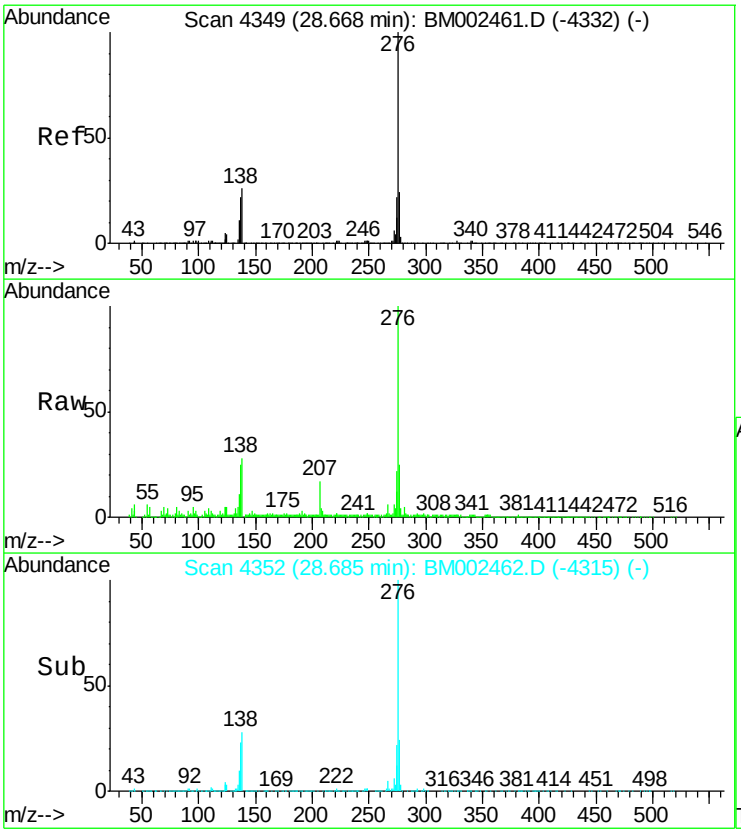
#28
Dibenzo(a,h)anthracene
Concen: 12.05 ng/ul
RT: 27.78 min Scan# 4198
Delta R.T. -0.00 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 270852

Ion	Ratio	Lower	Upper
278	100		
139	26.0	16.5	24.7#
279	28.4	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 36.11 ng/ul
RT: 28.69 min Scan# 4352
Delta R.T. 0.02 min
Lab File: BM002462.D
Acq: 17 Aug 2015 21:46

Tgt Ion:276 Resp: 808516

Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.0	31.6
277	25.0	19.2	28.8