Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002475.D
Acq On : 18 Aug 2015 05:45
Operator : UM/IZ
Sample : SSTDICC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 18 06:57:40 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	117940	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	536522	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	280091	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	555282	20.00	ng/ul	0.00
17) Chrysene-d12	22.25	240	431217	20.00	ng/ul	0.00
22) Perylene-d12	24.93	264	402211	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.17	160	570306	19.92	ng/ul	0.00
10) Fluorene-d10	16.43	176	385086	19.15	ng/ul	0.00
14) Anthracene-d10	18.27	188	528612	19.74	ng/ul	0.00
18) Pyrene-d10	20.49	212	458631	23.99	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.76	264	416169	19.70	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.80	128	538317	19.66	ng/ul	99
4) 2-Methylnaphthalene	13.35	142	386739	18.85	ng/ul	98
5) 1-Methylnaphthalene	13.56	142	377977	18.63	ng/ul	99
8) Acenaphthylene	15.19	152	591142	19.72	ng/ul	99
9) Acenaphthene	15.53	153	386644	19.58	ng/ul	99
11) Fluorene	16.49	166	434597	19.21	ng/ul	99
13) Phenanthrene	18.21	178	631632	19.70	ng/ul	100
15) Anthracene	18.30	178	639662	19.68	ng/ul	99
16) Fluoranthene	20.16	202	605487	16.68	ng/ul	99
19) Pyrene	20.52	202	602616	23.85	ng/ul	98
20) Benzo(a)anthracene	22.23	228	512100	19.86	ng/ul	100
21) Chrysene	22.29	228	477359	19.79	ng/ul	100
23) Benzo(b)fluoranthene	24.10	252	484990	19.95	ng/ul	99
24) Benzo(k)fluoranthene	24.16	252	467558	20.29	ng/ul	99
26) Benzo(a)pyrene	24.81	252	460397	19.82	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.78	276	522845	19.58	ng/ul	99
28) Dibenzo(a,h)anthracene	27.78	278	441694	19.78	ng/ul	99
29) Benzo(g,h,i)perylene	28.67	276	432584	19.46	ng/ul	100

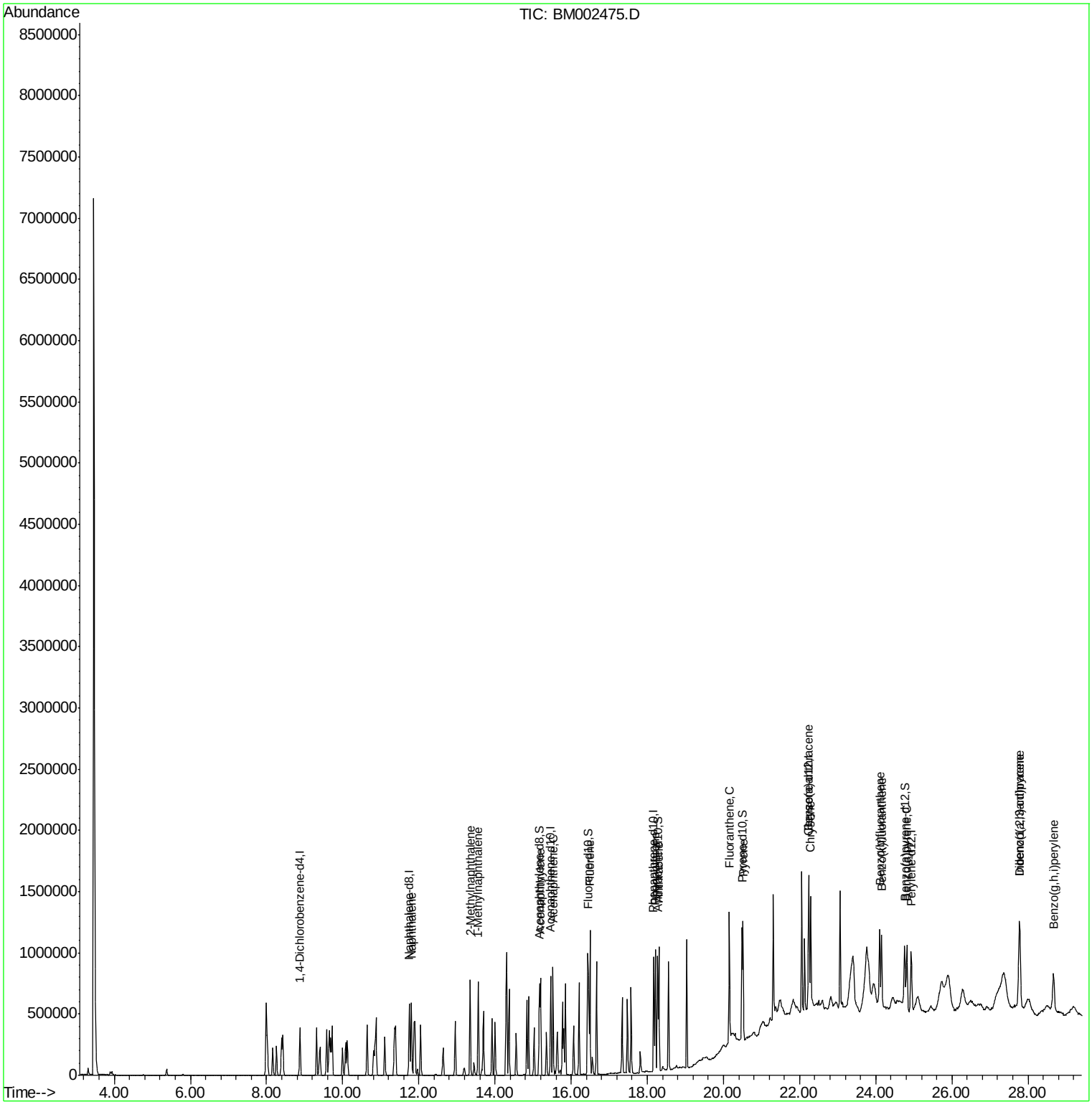
(#) = qualifier out of range (m) = manual integration (+) = signals summed

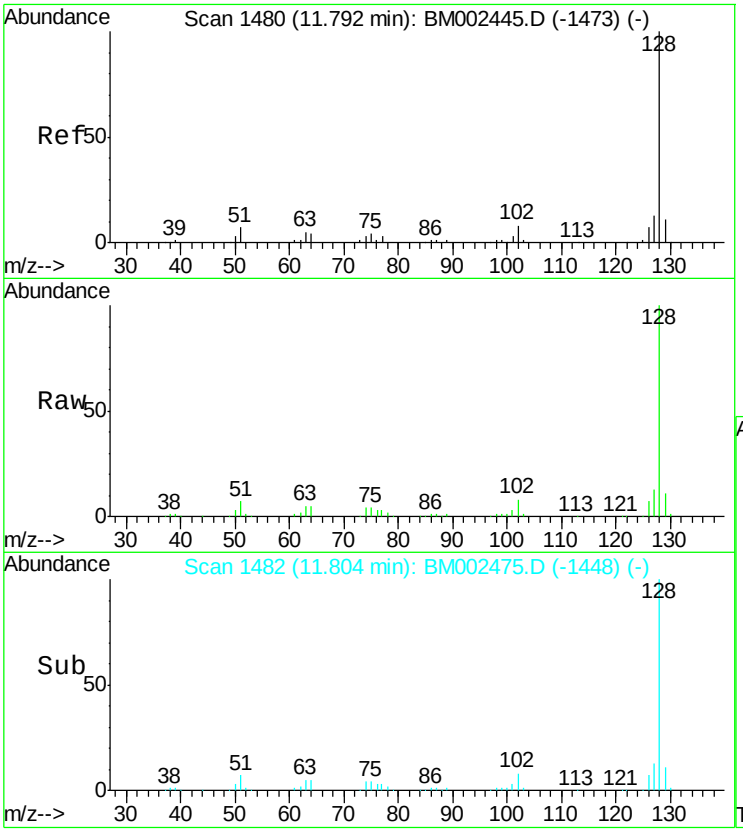
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002475.D
Acq On : 18 Aug 2015 05:45
Operator : UM/IZ
Sample : SSTDICC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 18 06:57:40 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



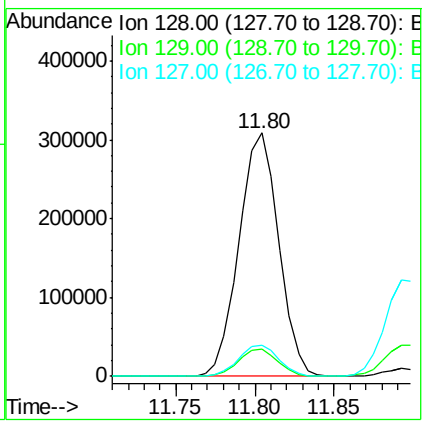


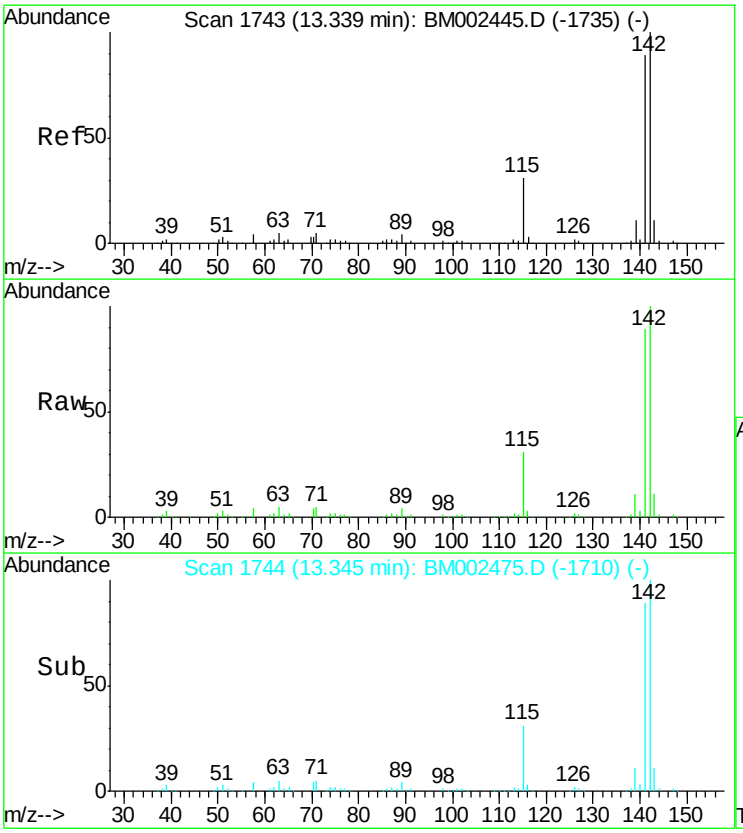
#3
Naphthalene
Concen: 19.66 ng/ul
RT: 11.80 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 538317

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.8	10.4	15.6

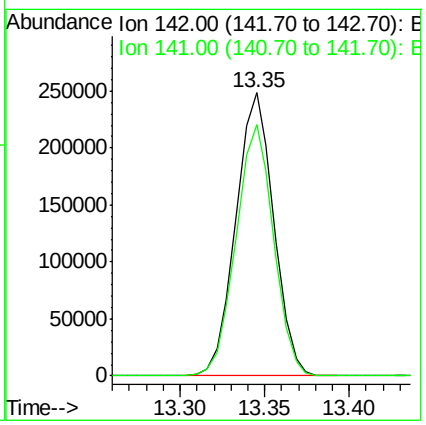


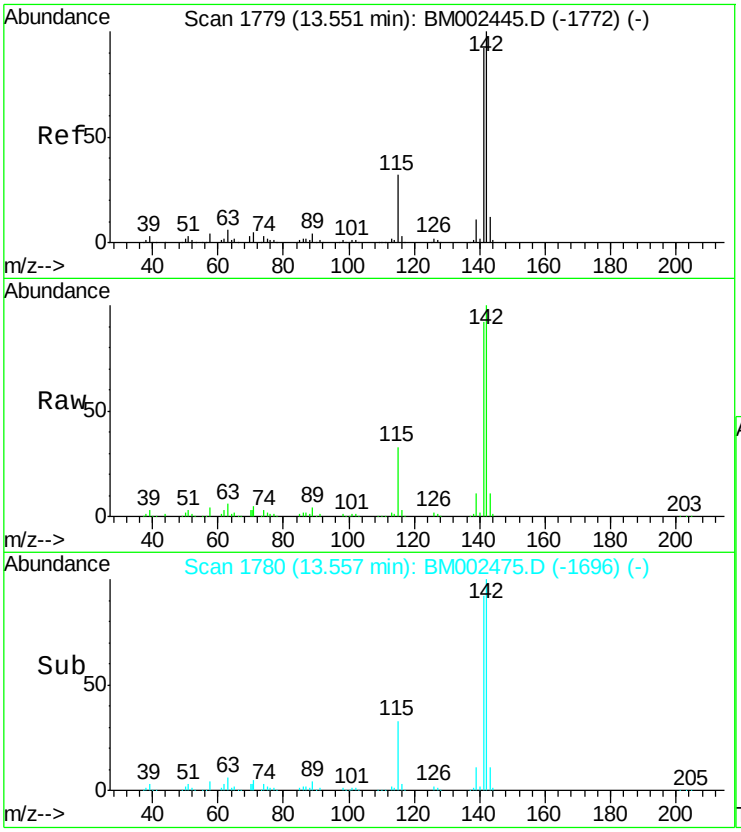


#4
2-Methylnaphthalene
Concen: 18.85 ng/ul
RT: 13.35 min Scan# 1744
Delta R.T. 0.00 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Tgt Ion:142 Resp: 386739

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.2	108.2



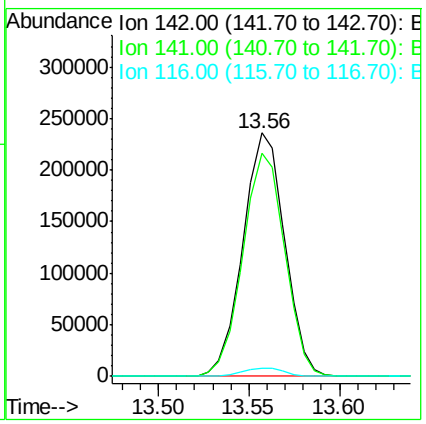


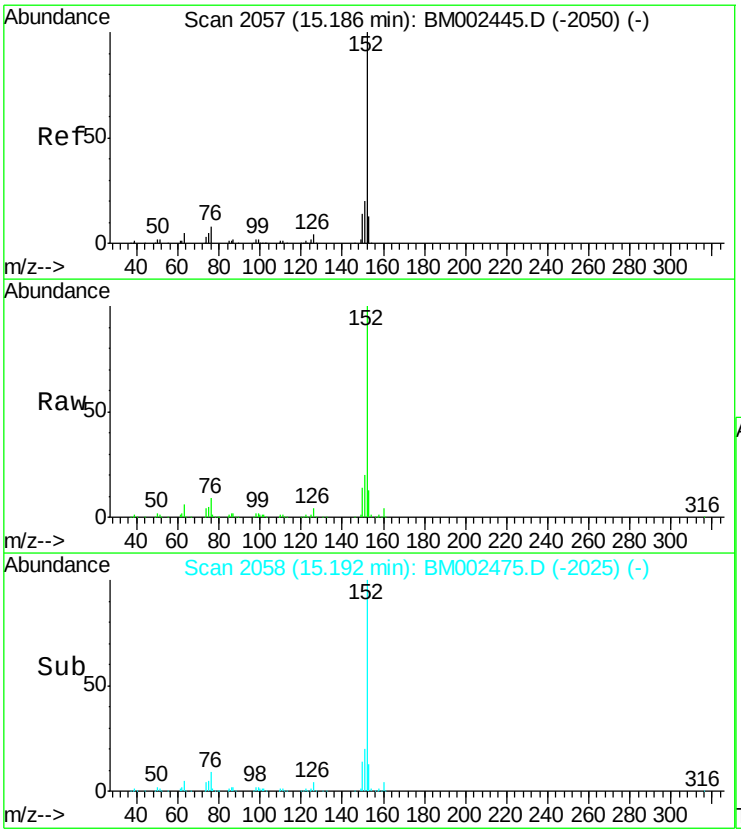
#5
1-Methylnaphthalene
Concen: 18.63 ng/ul
RT: 13.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 377977

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.9	110.9
116	3.5	3.0	4.4

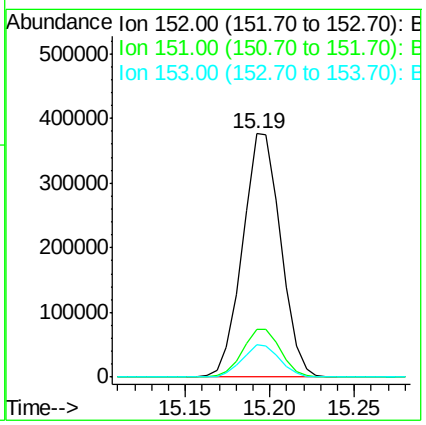


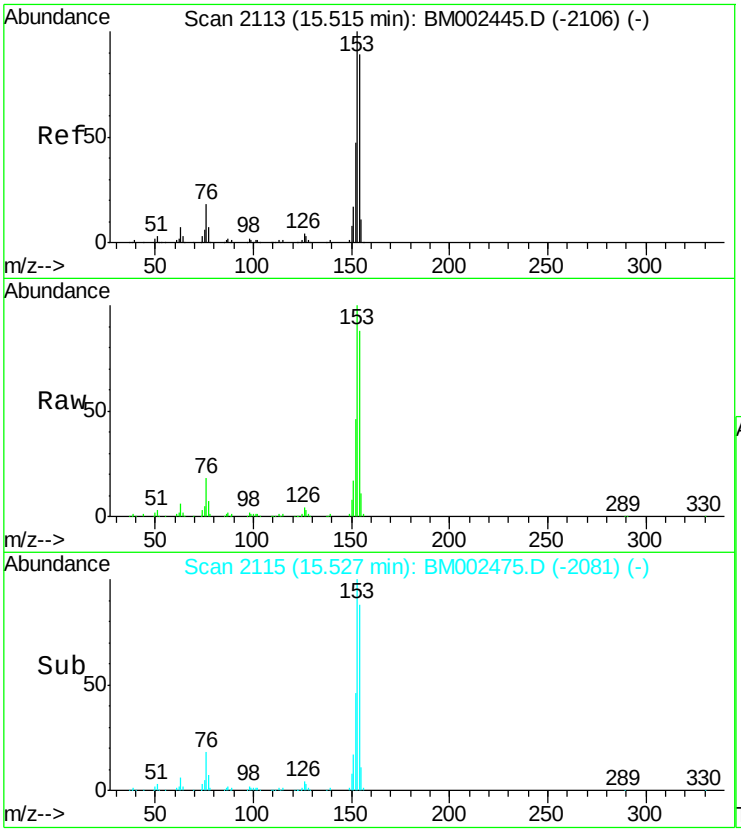


#8
Acenaphthylene
Concen: 19.72 ng/ul
RT: 15.19 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Tgt Ion:152 Resp: 591142

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.2	10.2	15.4



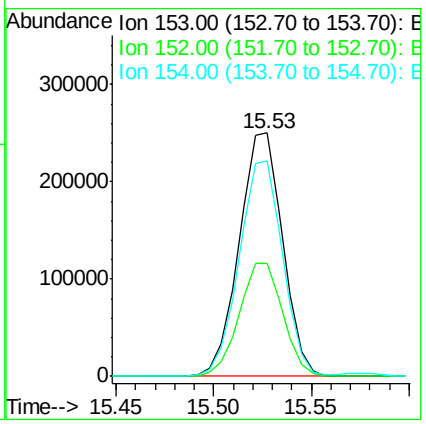


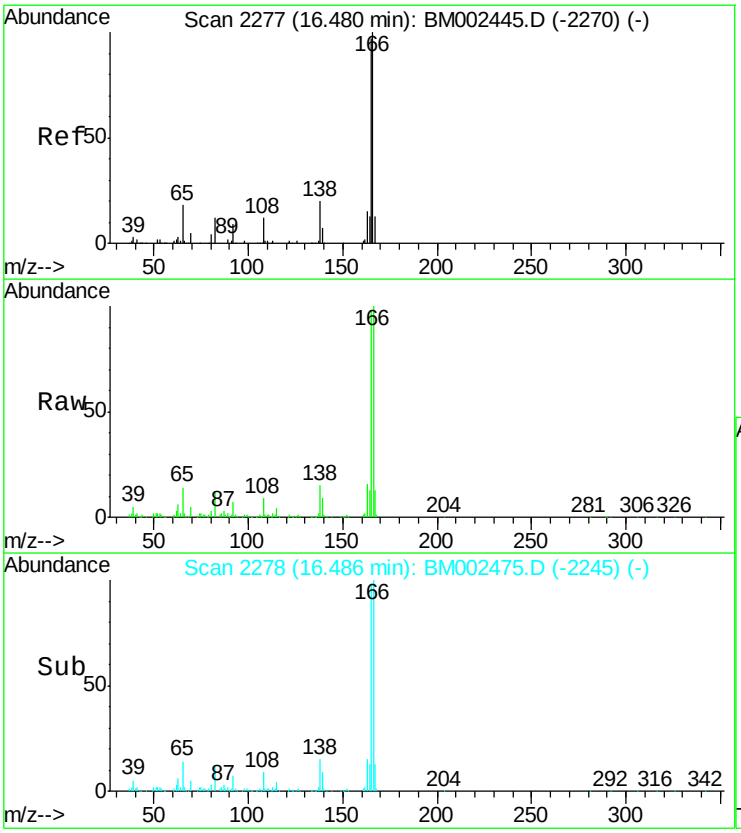
#9
Acenaphthene
Concen: 19.58 ng/ul
RT: 15.53 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 386644

Ion	Ratio	Lower	Upper
153	100		
152	46.4	36.9	55.3
154	88.4	71.3	106.9

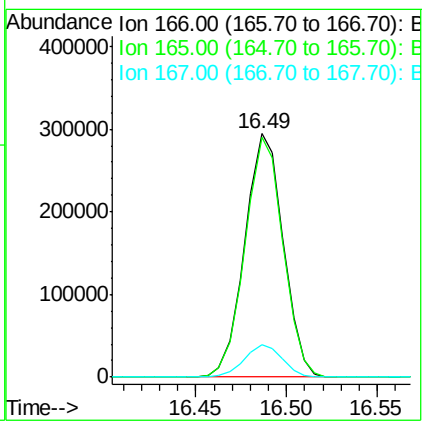


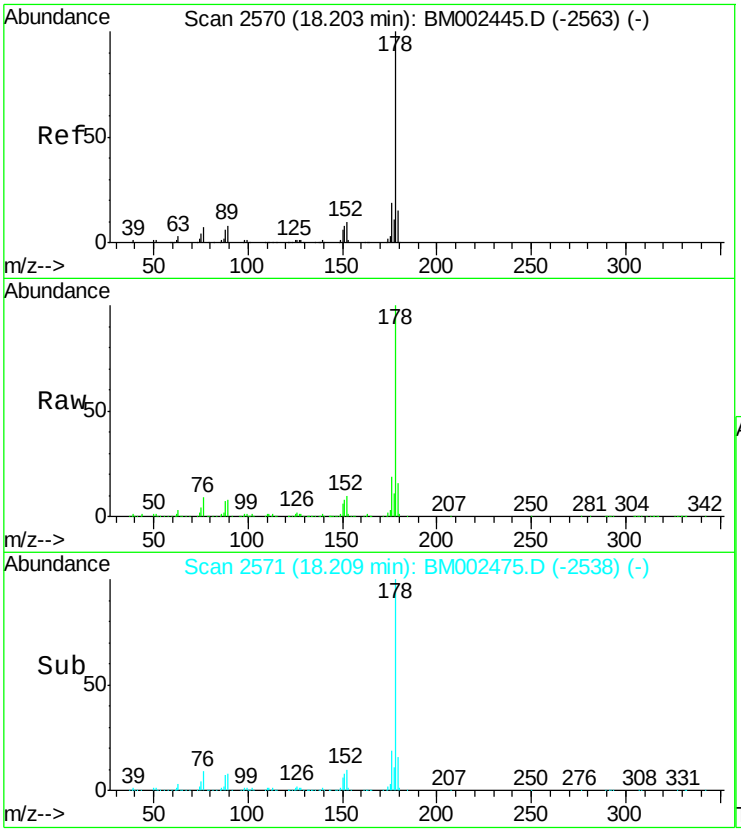


#11
Fluorene
Concen: 19.21 ng/ul
RT: 16.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Tgt Ion:166 Resp: 434597

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.6	116.4
167	13.4	10.7	16.1



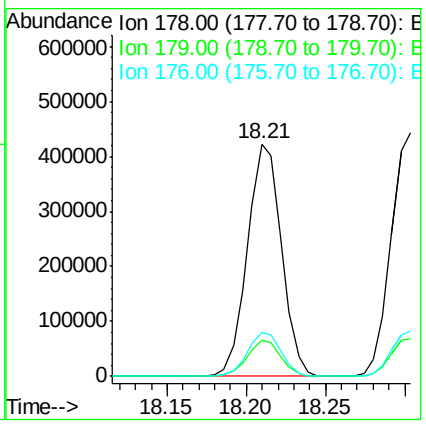


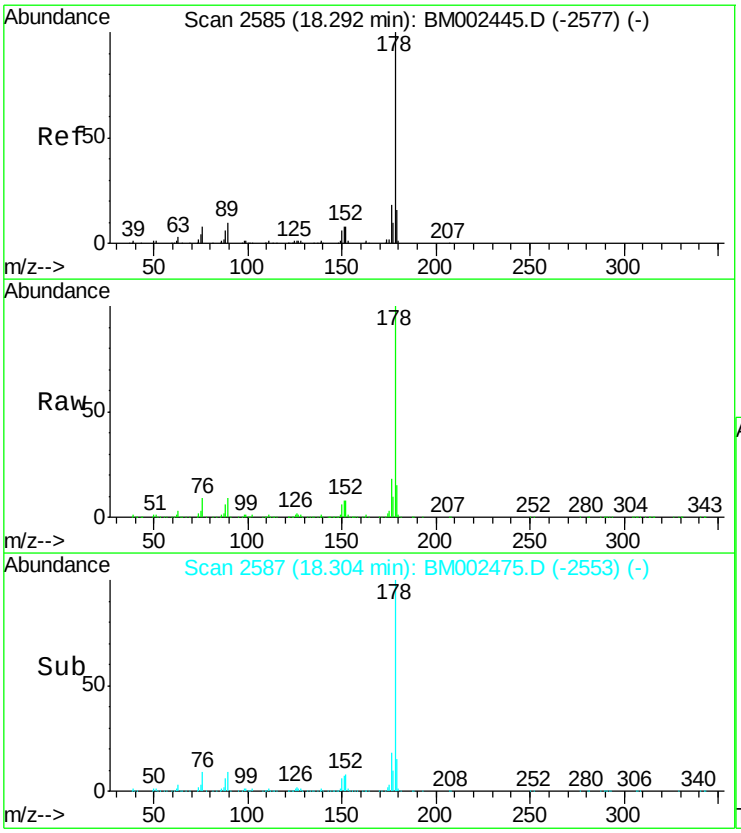
#13
Phenanthrene
Concen: 19.70 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 631632

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	19.1	15.1	22.7

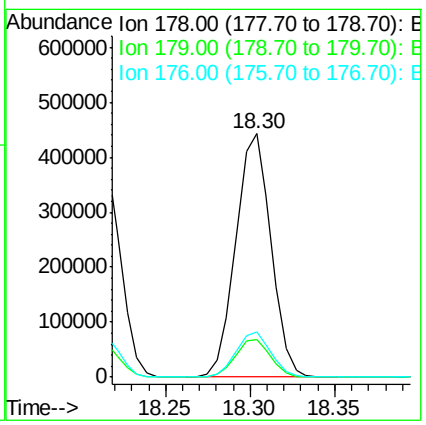


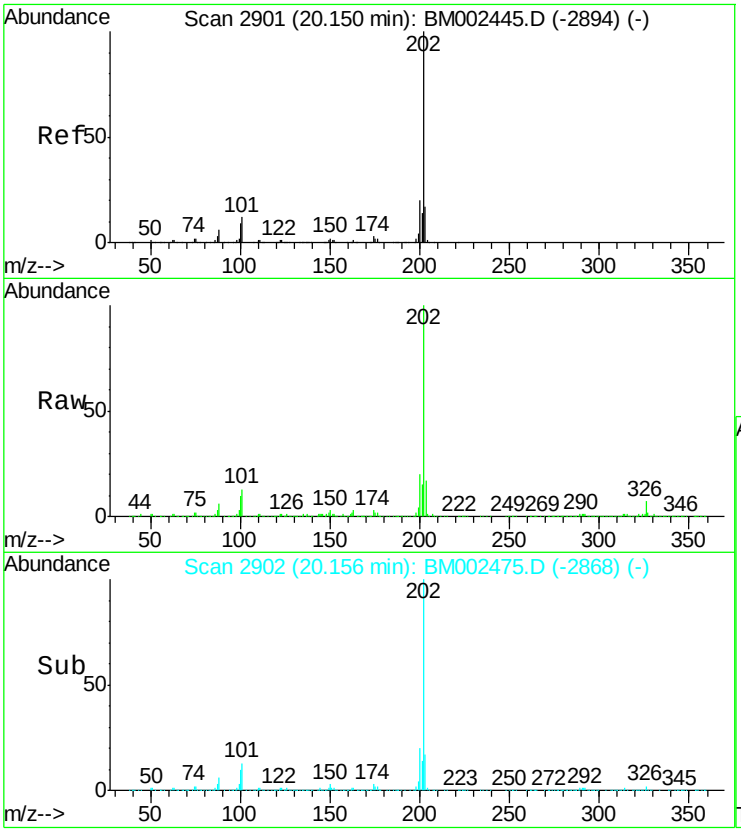


#15
Anthracene
Concen: 19.68 ng/ul
RT: 18.30 min Scan# 2587
Delta R.T. 0.00 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Tgt Ion:178 Resp: 639662

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	18.4	14.5	21.7



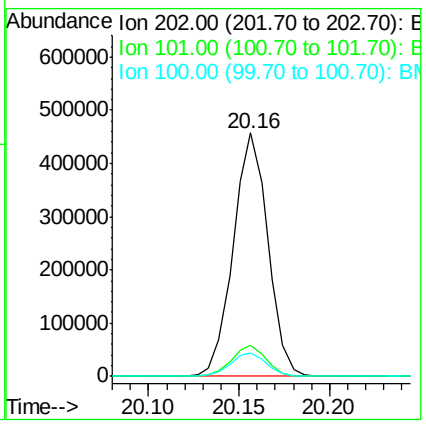


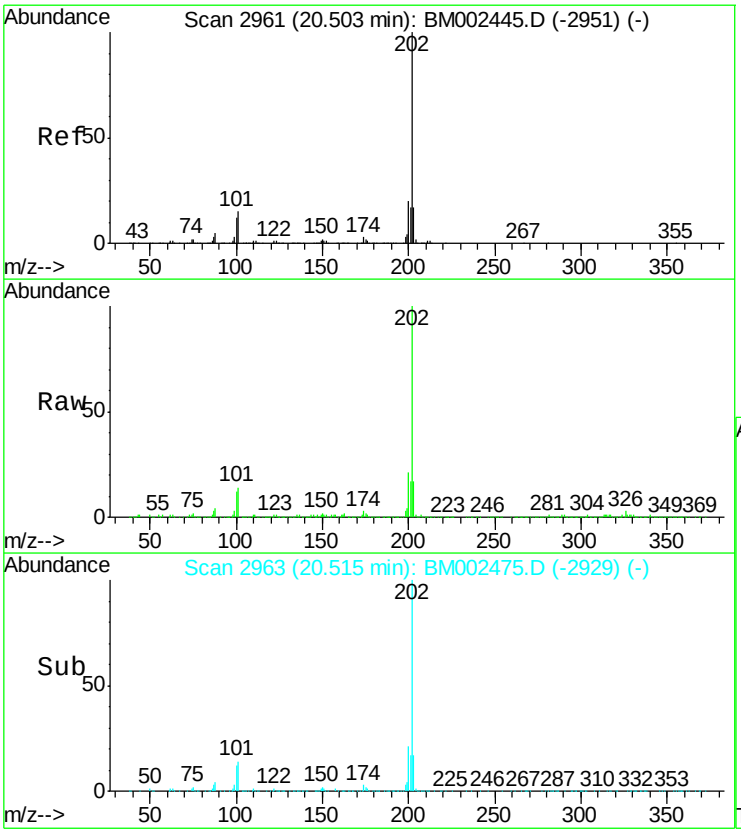
#16
Fluoranthene
Concen: 16.68 ng/ul
RT: 20.16 min Scan# 2902
Delta R.T. 0.00 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 605487

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.7	14.5
100	9.7	7.4	11.2

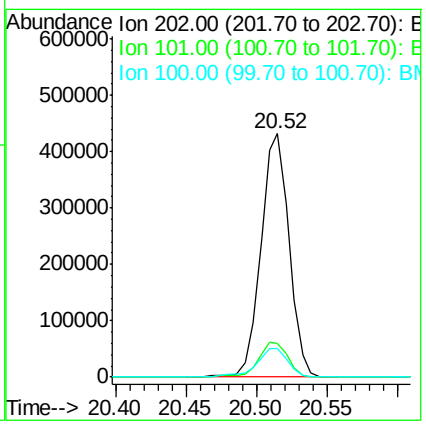


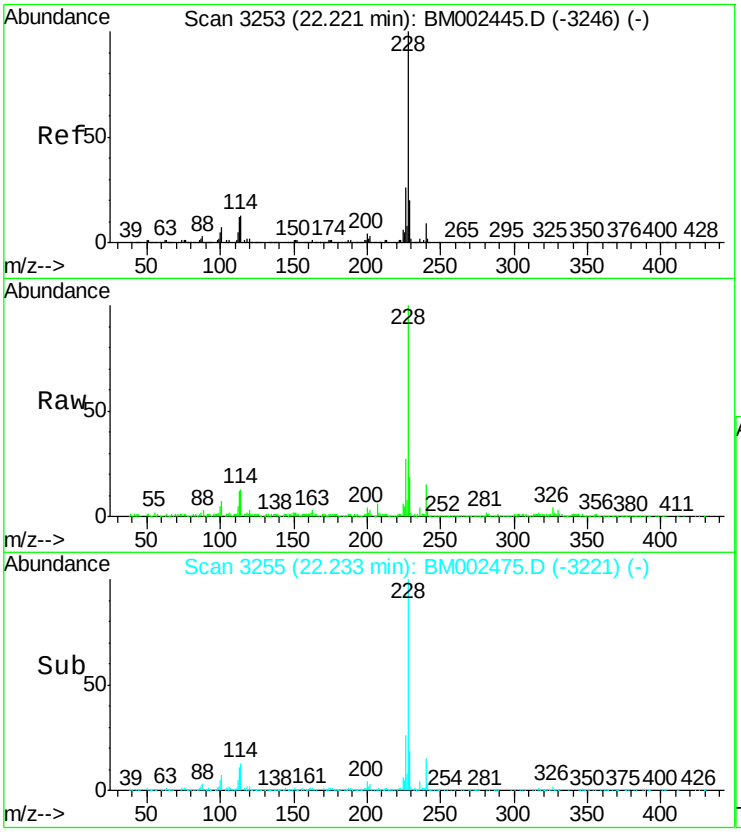


#19
Pyrene
Concen: 23.85 ng/ul
RT: 20.52 min Scan# 2963
Delta R.T. 0.00 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Tgt Ion:202 Resp: 602616

Ion	Ratio	Lower	Upper
202	100		
101	13.9	12.0	18.0
100	11.7	9.7	14.5



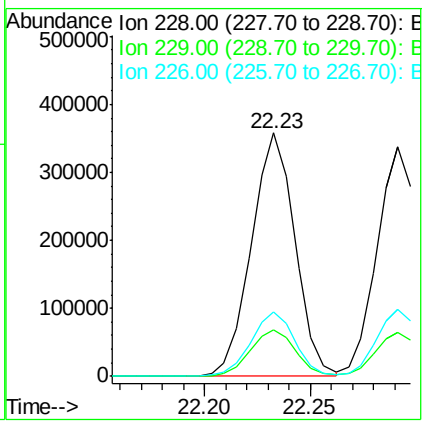


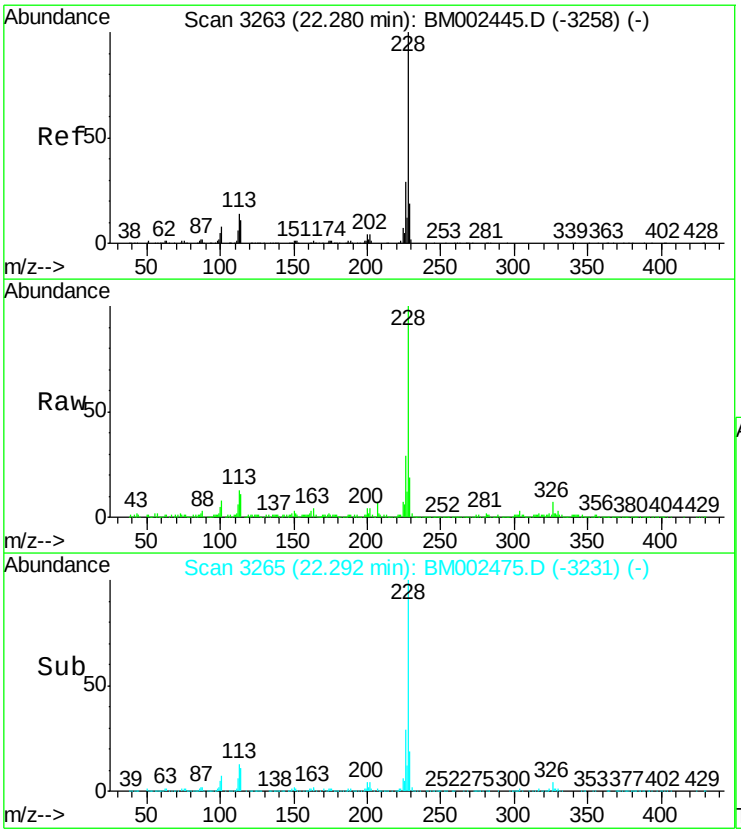
#20
Benzo(a)anthracene
Concen: 19.86 ng/ul
RT: 22.23 min Scan# 3255
Delta R.T. 0.00 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 512100

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.8	23.6
226	26.5	21.1	31.7

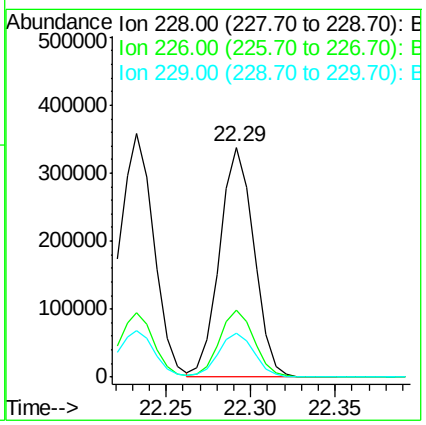


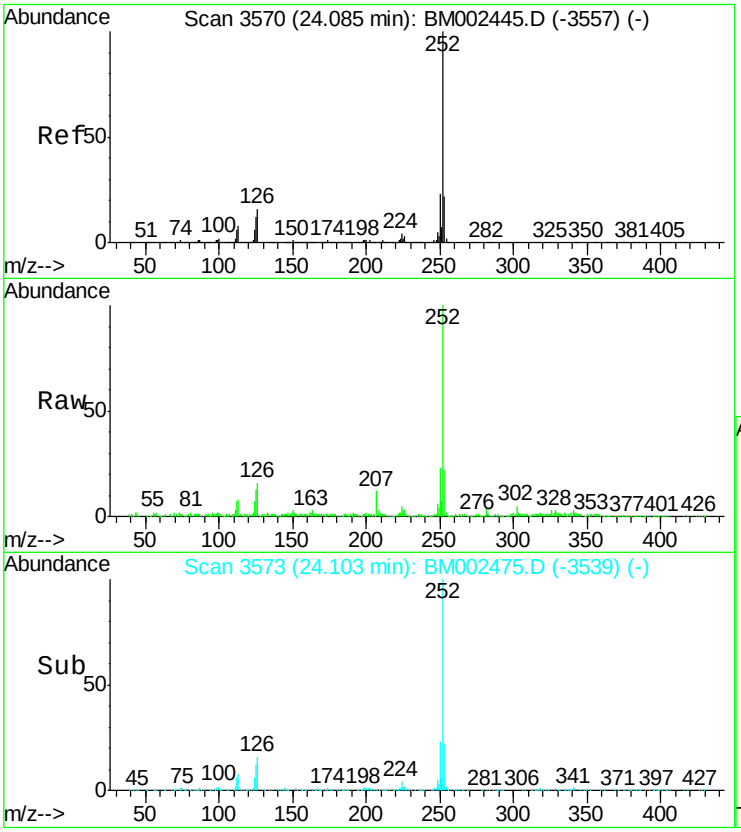


#21
Chrysene
Concen: 19.79 ng/ul
RT: 22.29 min Scan# 3265
Delta R.T. 0.00 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Tgt Ion:228 Resp: 477359

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	19.4	15.7	23.5



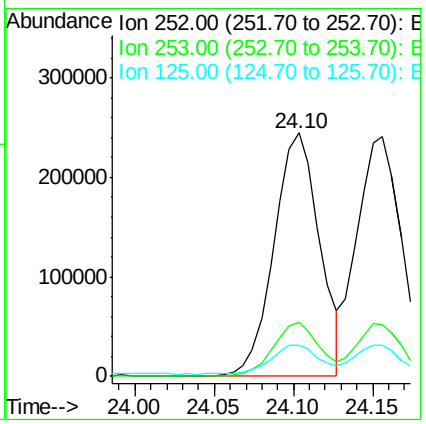


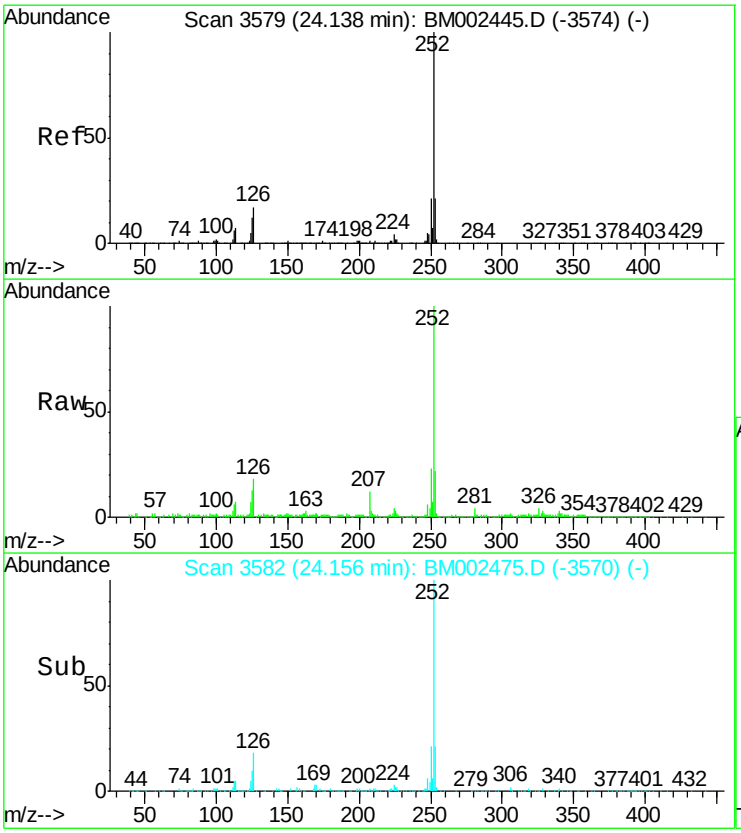
#23
Benzo(b)fluoranthene
Concen: 19.95 ng/ul
RT: 24.10 min Scan# 3573
Delta R.T. 0.00 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 484990

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	13.0	10.0	15.0

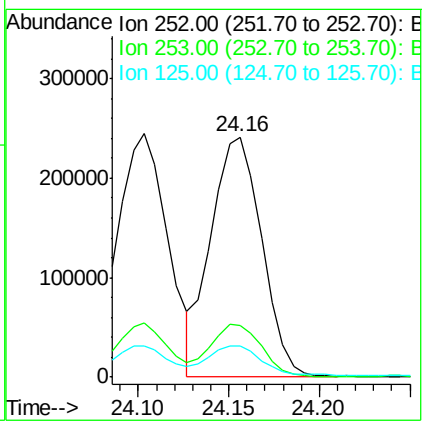


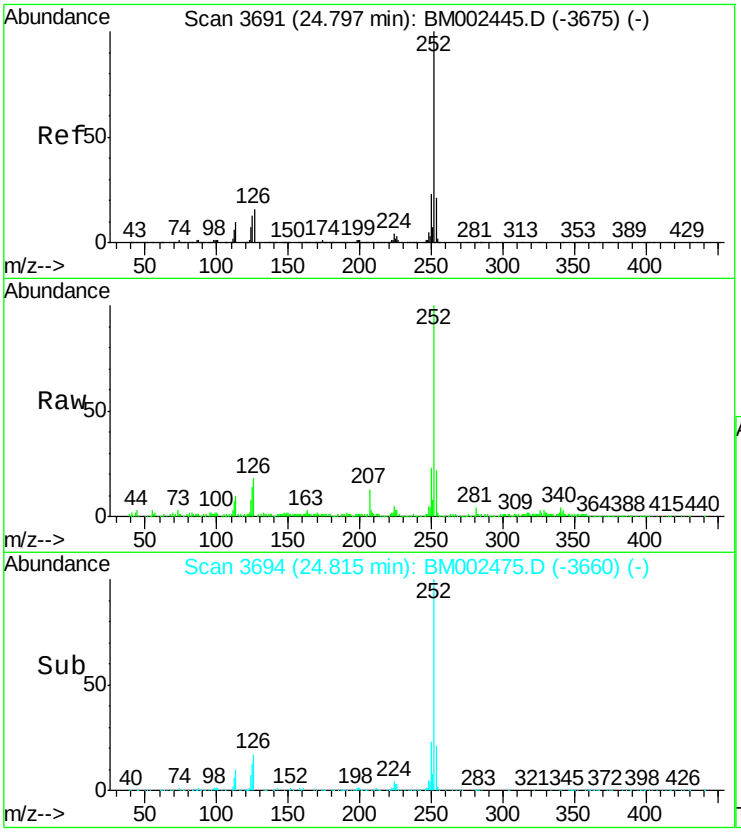


#24
Benzo(k)fluoranthene
Concen: 20.29 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. 0.00 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Tgt Ion:252 Resp: 467558

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	12.9	9.8	14.8



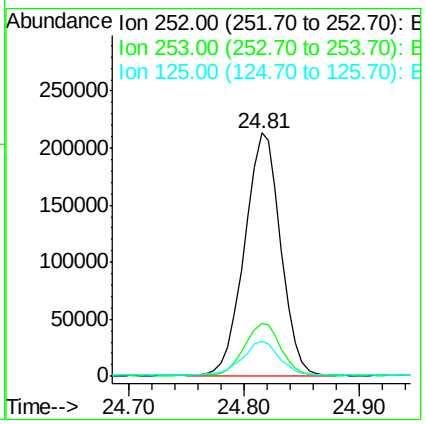


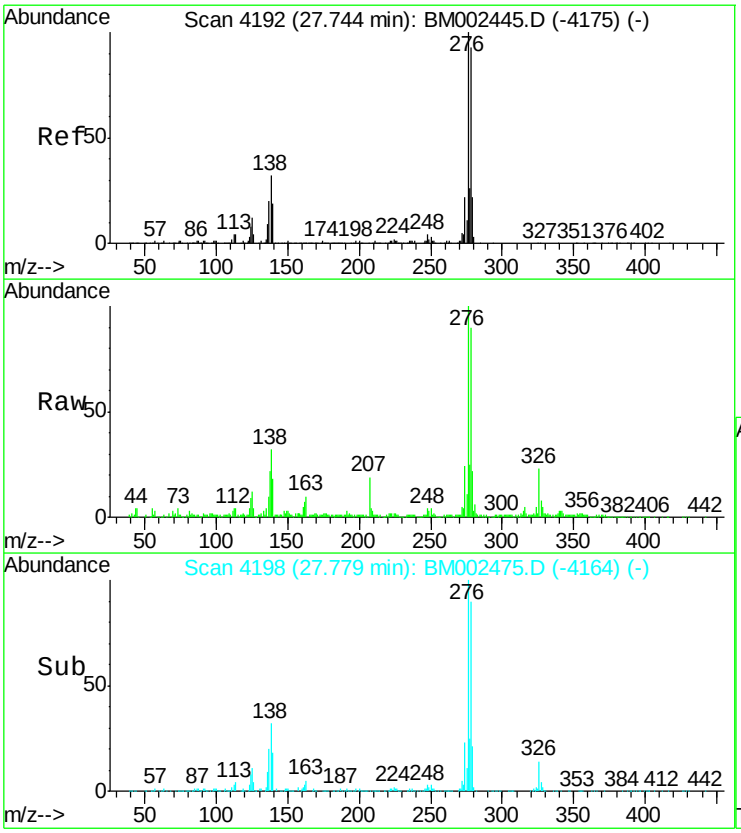
#26
Benzo(a)pyrene
Concen: 19.82 ng/ul
RT: 24.81 min Scan# 3694
Delta R.T. 0.00 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 460397

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	14.2	10.7	16.1

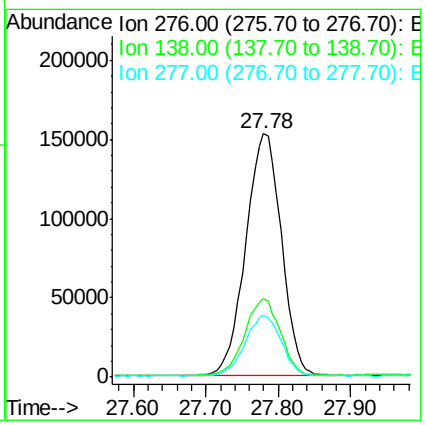


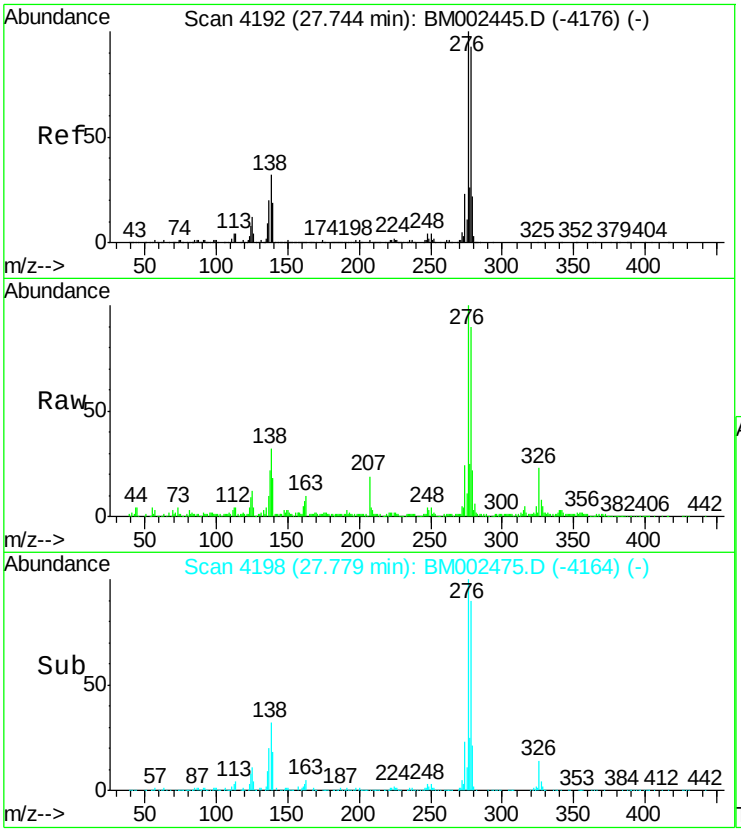


#27
Indeno(1,2,3-cd)pyrene
Concen: 19.58 ng/ul
RT: 27.78 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Tgt Ion:276 Resp: 522845

Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.3	37.9
277	25.3	20.2	30.2



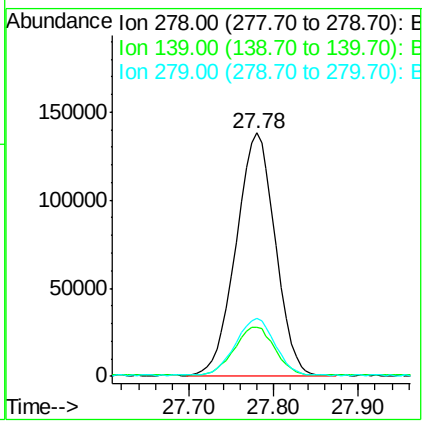


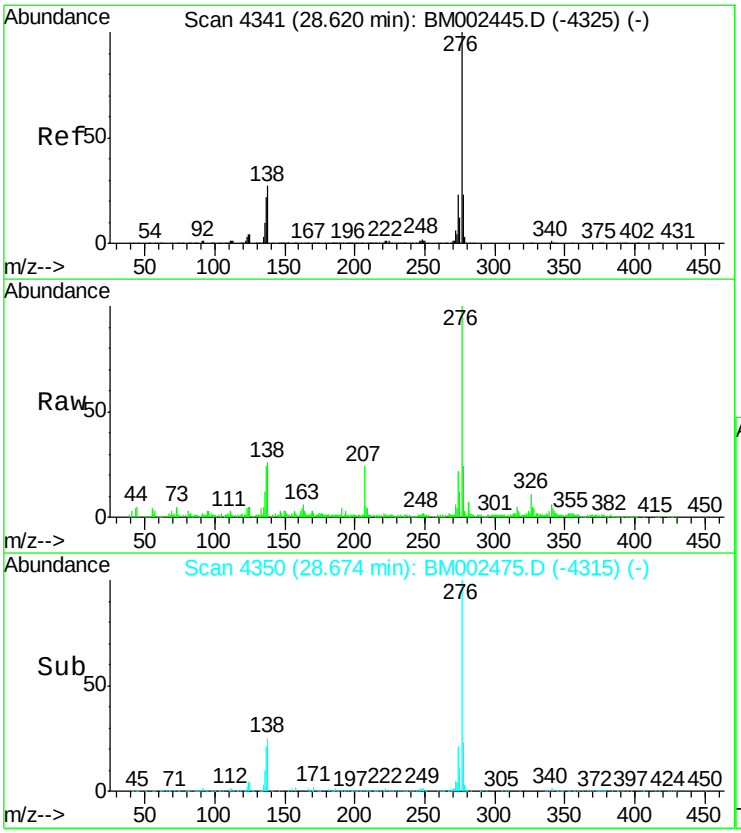
#28
Dibenzo(a,h)anthracene
Concen: 19.78 ng/ul
RT: 27.78 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 441694

Ion	Ratio	Lower	Upper
278	100		
139	20.2	16.5	24.7
279	24.1	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 19.46 ng/ul
RT: 28.67 min Scan# 4350
Delta R.T. 0.01 min
Lab File: BM002475.D
Acq: 18 Aug 2015 05:45

Tgt Ion:276 Resp: 432584

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.0	31.6
277	23.9	19.2	28.8