Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002445.D
Acq On : 17 Aug 2015 10:22
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 18 01:53:24 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	122831	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	566182	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	296583	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	610134	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	452405	20.00	ng/ul	0.00
22) Perylene-d12	24.91	264	395579	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	604752	19.94	ng/ul	0.00
10) Fluorene-d10	16.42	176	412867	19.39	ng/ul	0.00
14) Anthracene-d10	18.26	188	585298	19.89	ng/ul	0.00
18) Pyrene-d10	20.47	212	518790	25.87	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.74	264	410846	19.77	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.79	128	563163	19.49	ng/ul	99
4) 2-Methylnaphthalene	13.34	142	406802	18.79	ng/ul	99
5) 1-Methylnaphthalene	13.55	142	399856	18.67	ng/ul	100
8) Acenaphthylene	15.19	152	629688	19.84	ng/ul	99
9) Acenaphthene	15.52	153	410493	19.63	ng/ul	100
11) Fluorene	16.48	166	463350	19.34	ng/ul	100
13) Phenanthrene	18.20	178	696311	19.76	ng/ul	99
15) Anthracene	18.29	178	703201	19.69	ng/ul	100
16) Fluoranthene	20.15	202	688494	17.26	ng/ul	100
19) Pyrene	20.50	202	684499	25.83	ng/ul	100
20) Benzo(a)anthracene	22.22	228	534836	19.77	ng/ul	100
21) Chrysene	22.28	228	495449	19.58	ng/ul	100
23) Benzo(b)fluoranthene	24.09	252	474926	19.86	ng/ul	100
24) Benzo(k)fluoranthene	24.14	252	459613	20.28	ng/ul	99
26) Benzo(a)pyrene	24.80	252	452426	19.81	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.74	276	518235	19.73	ng/ul	99
28) Dibenzo(a,h)anthracene	27.74	278	438070	19.95	ng/ul	100
29) Benzo(g,h,i)perylene	28.62	276	434227	19.86	ng/ul	99

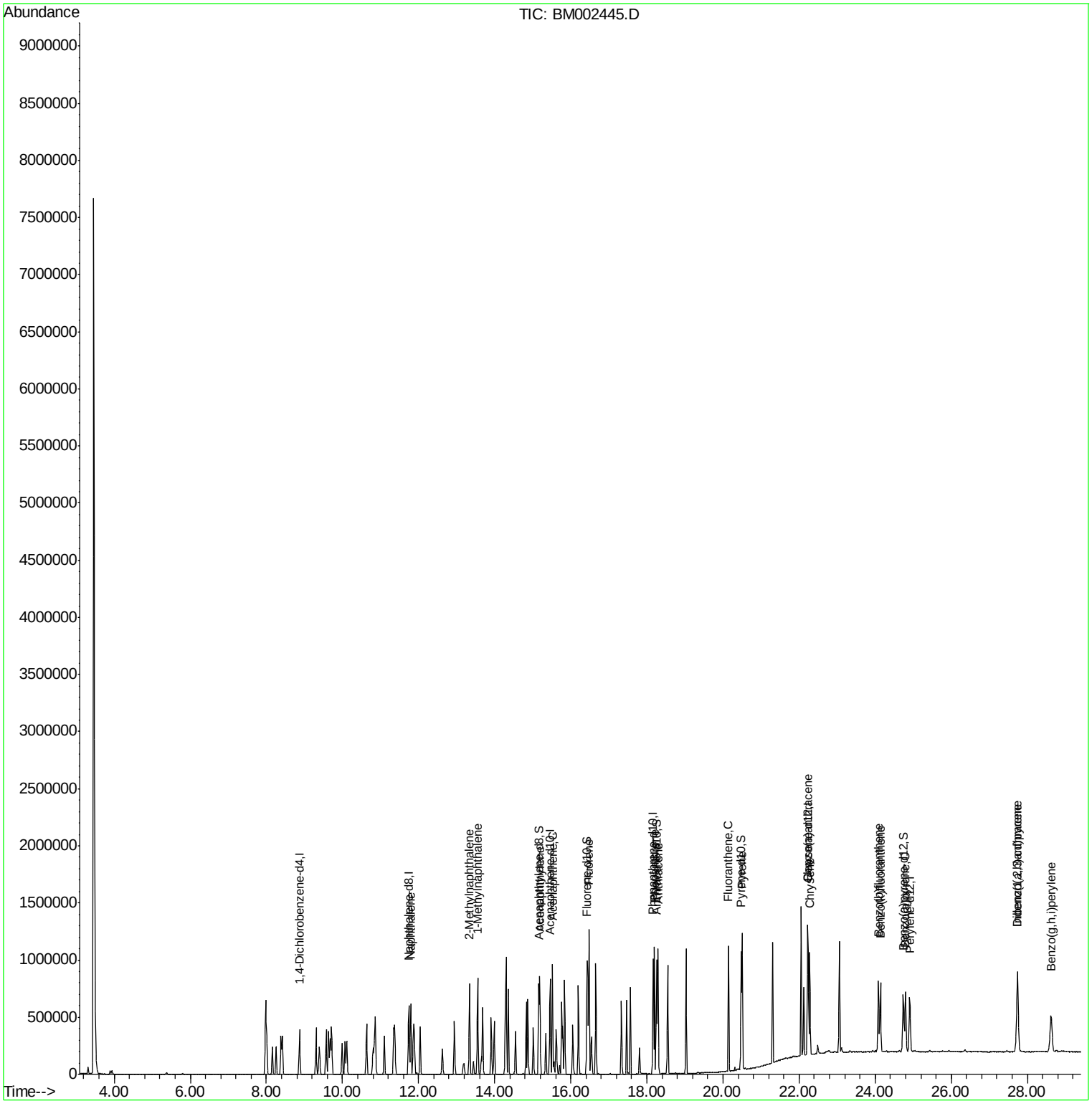
(#) = qualifier out of range (m) = manual integration (+) = signals summed

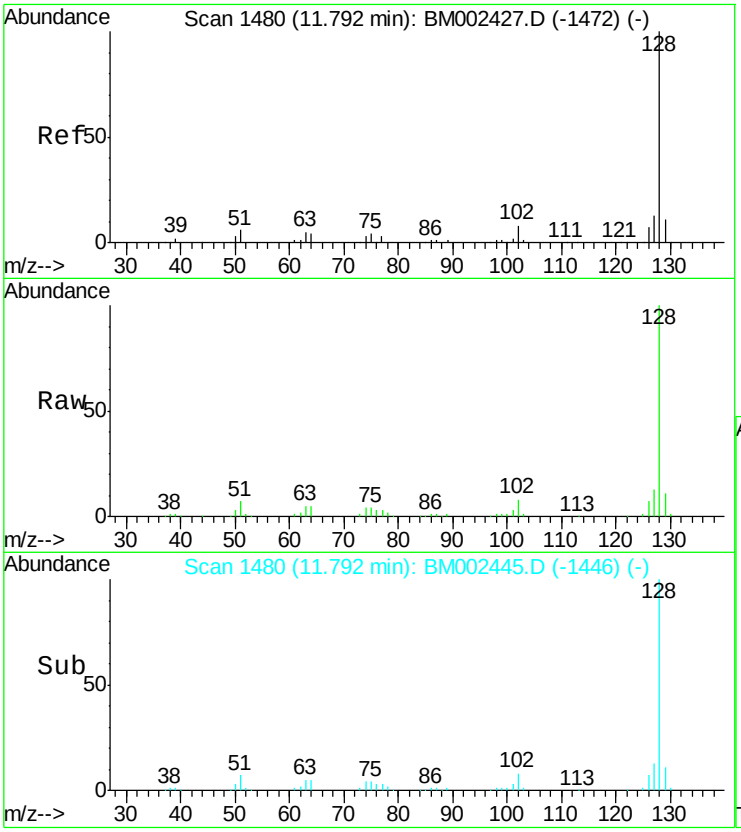
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002445.D
Acq On : 17 Aug 2015 10:22
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 18 01:53:24 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration



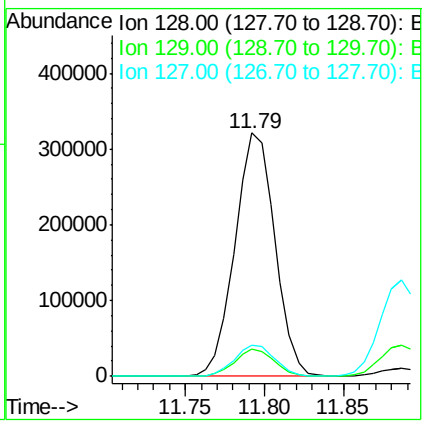


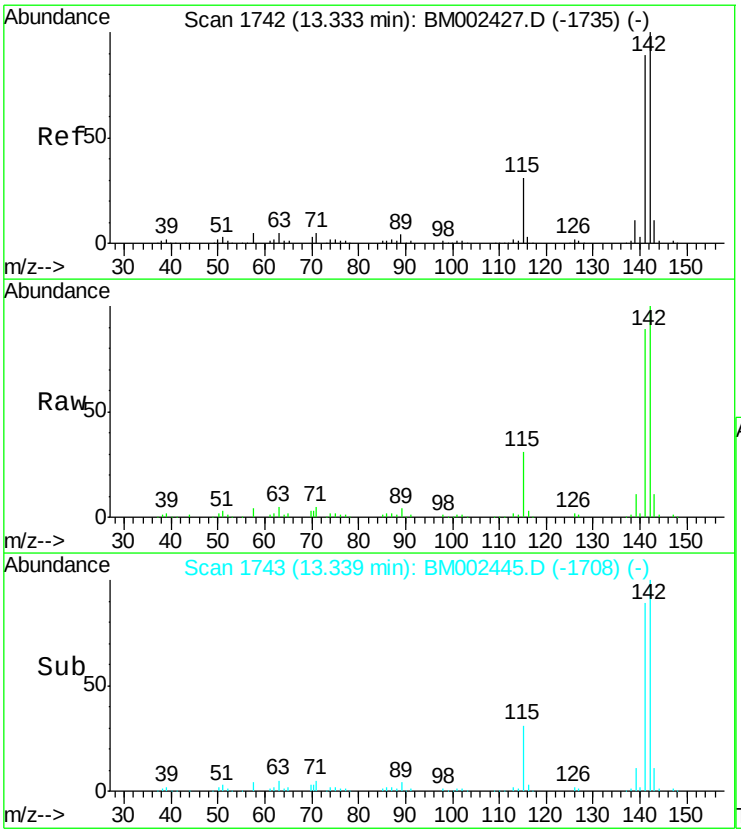
#3
Naphthalene
Concen: 19.49 ng/ul
RT: 11.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 563163

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	12.8	10.4	15.6

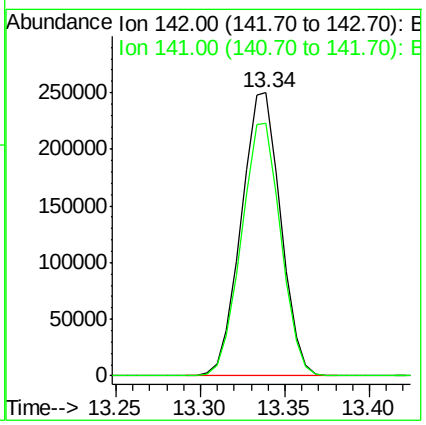


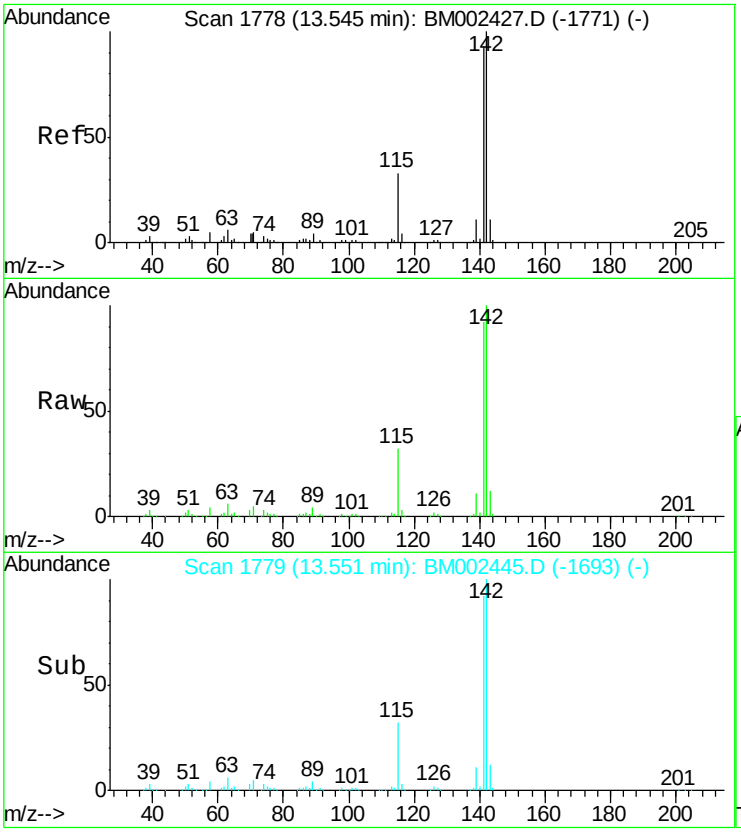


#4
2-Methylnaphthalene
Concen: 18.79 ng/ul
RT: 13.34 min Scan# 1743
Delta R.T. 0.01 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Tgt Ion:142 Resp: 406802

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.2



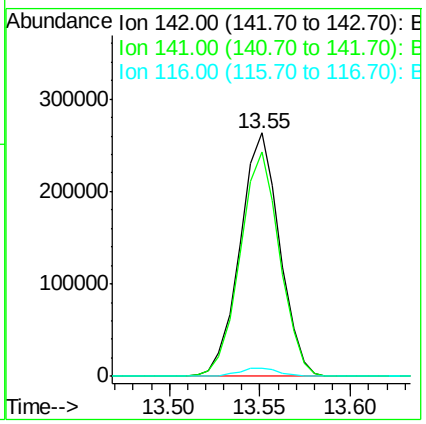


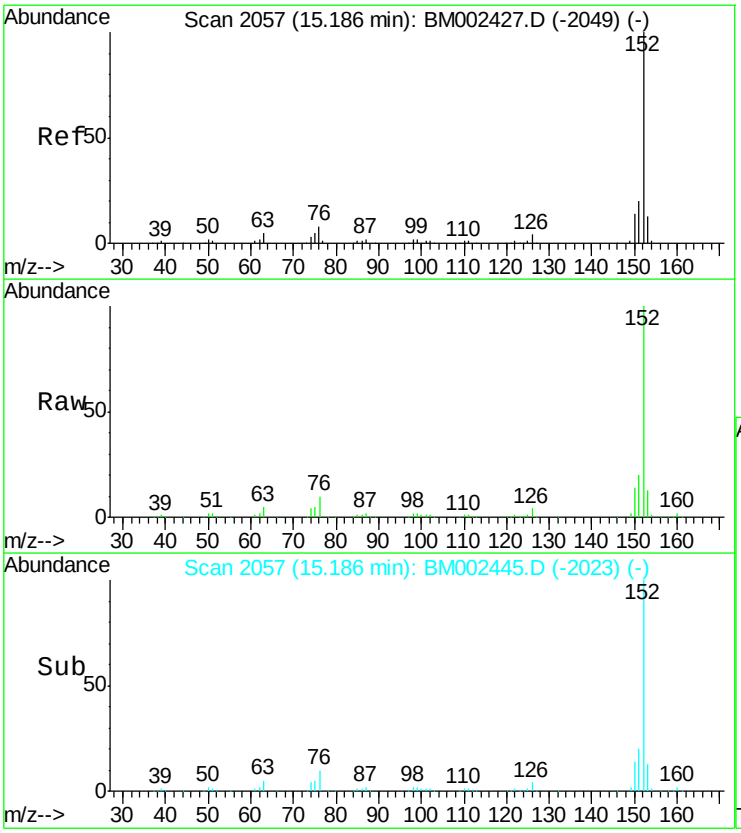
#5
1-Methylnaphthalene
Concen: 18.67 ng/ul
RT: 13.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 399856

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.9	110.9
116	3.4	3.0	4.4

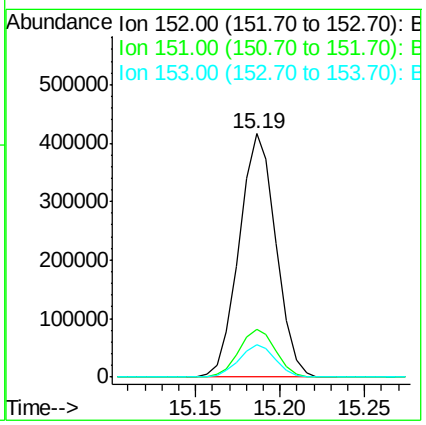


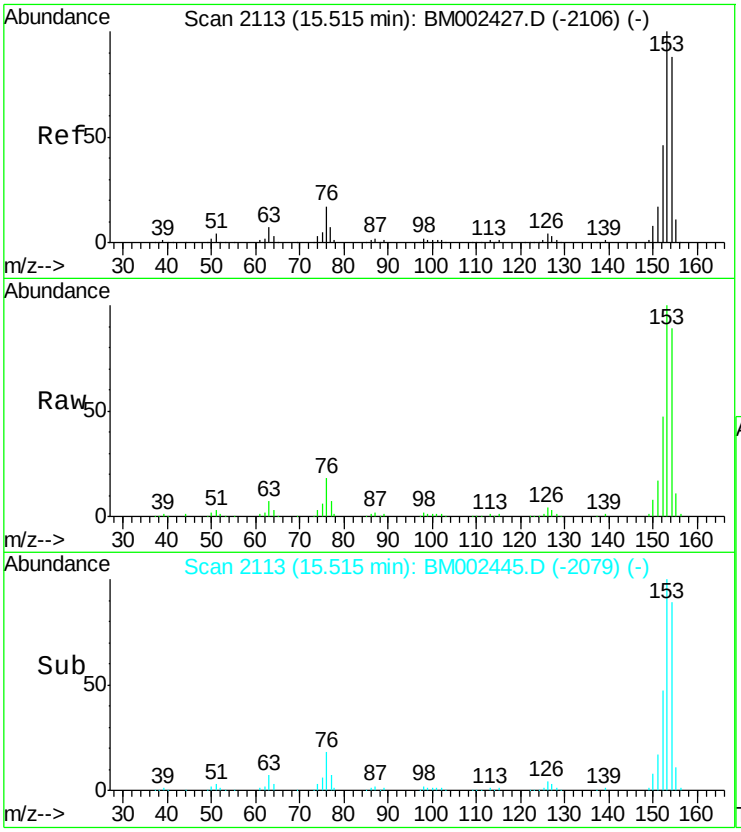


#8
Acenaphthylene
Concen: 19.84 ng/ul
RT: 15.19 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Tgt Ion:152 Resp: 629688

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.2	10.2	15.4



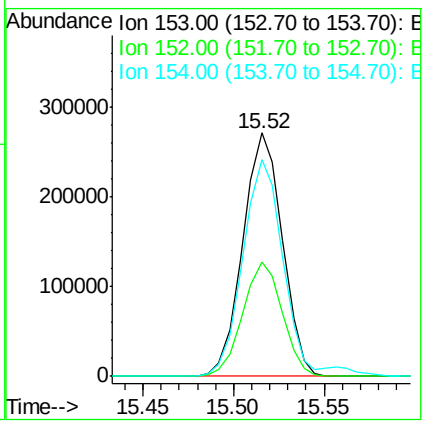


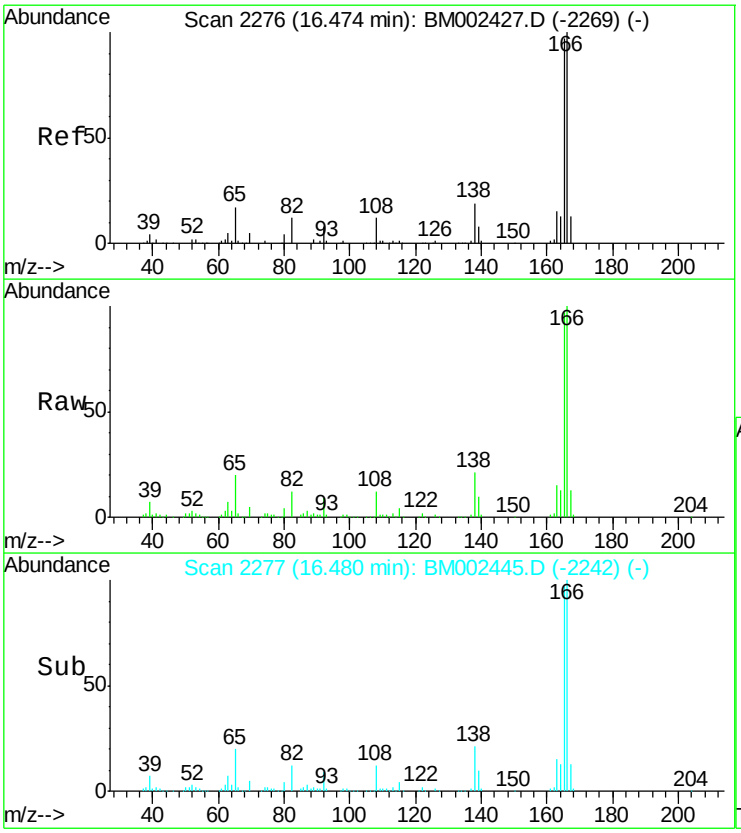
#9
Acenaphthene
Concen: 19.63 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 410493

Ion	Ratio	Lower	Upper
153	100		
152	46.7	36.9	55.3
154	89.1	71.3	106.9

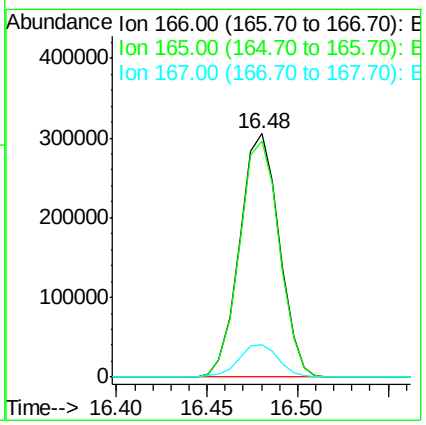


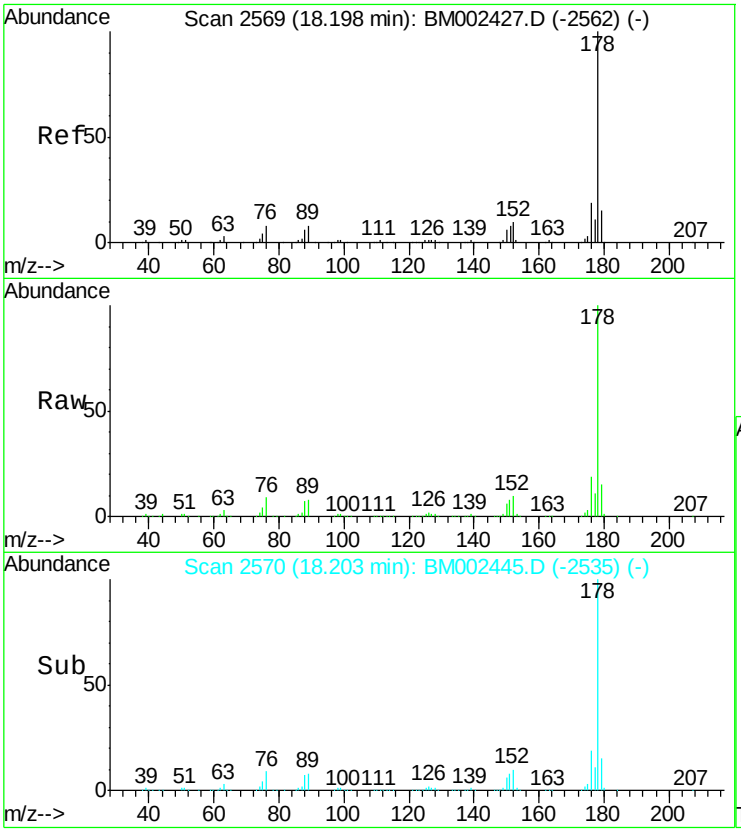


#11
Fluorene
Concen: 19.34 ng/ul
RT: 16.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Tgt Ion:166 Resp: 463350

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.6	116.4
167	13.3	10.7	16.1



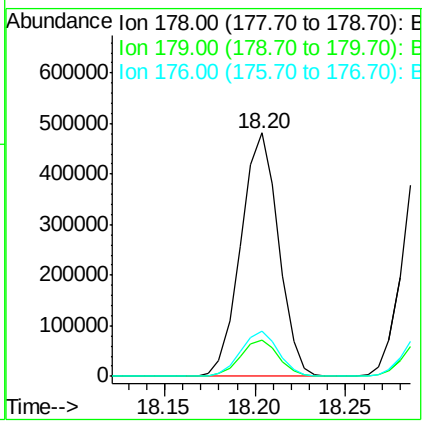


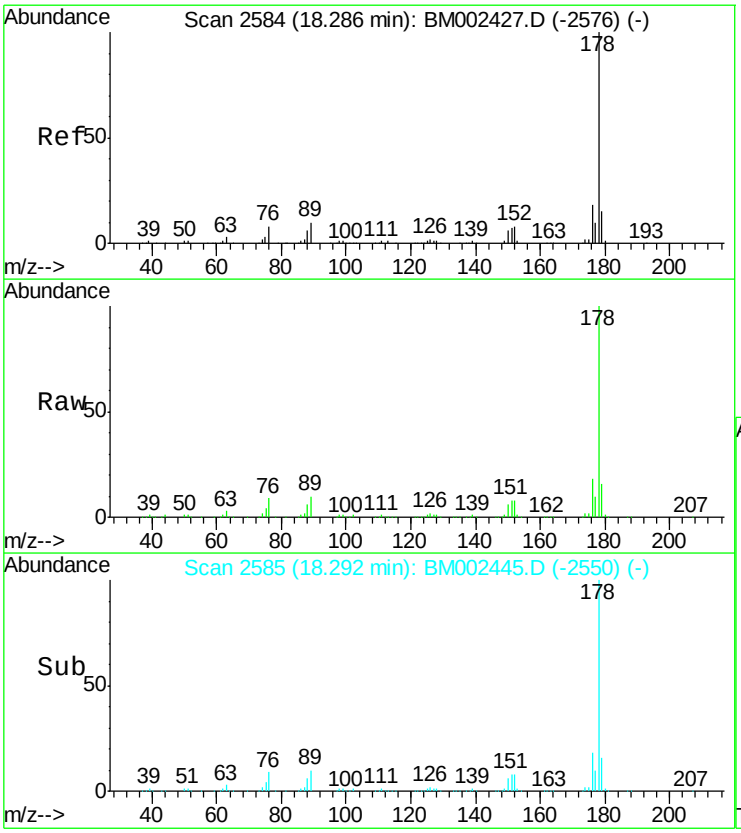
#13
Phenanthrene
Concen: 19.76 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. 0.01 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 696311

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

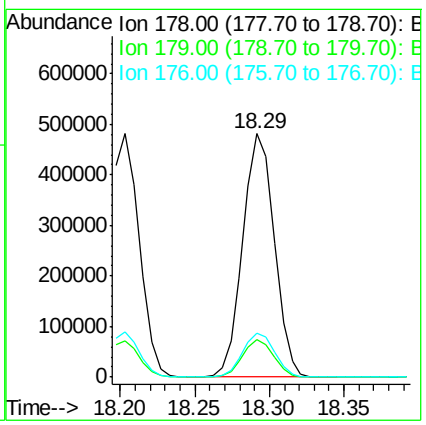


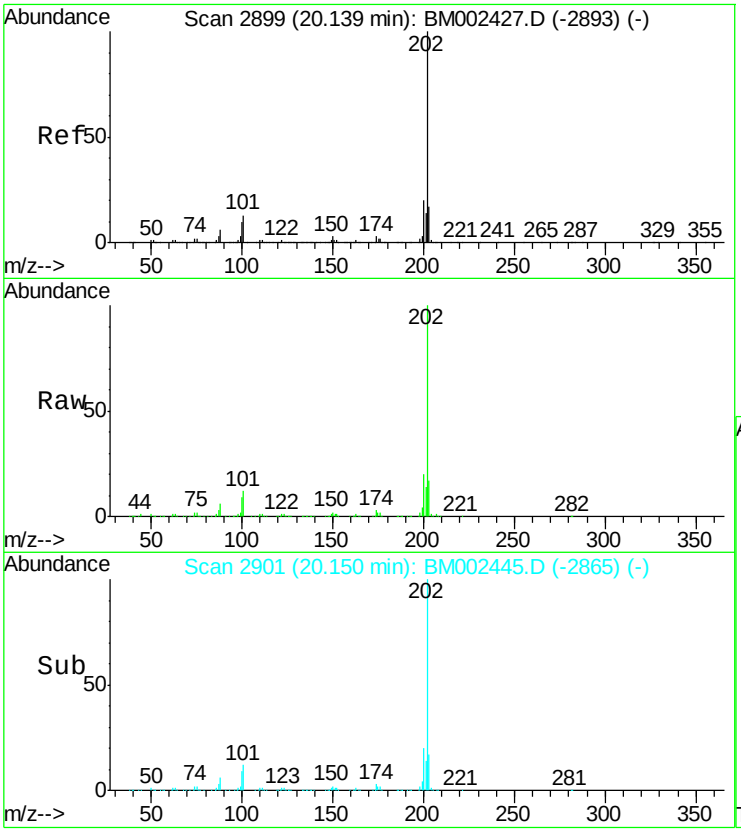


#15
Anthracene
Concen: 19.69 ng/ul
RT: 18.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Tgt Ion:178 Resp: 703201

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.3	14.5	21.7



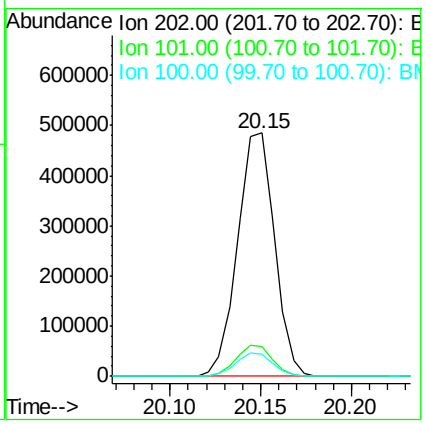


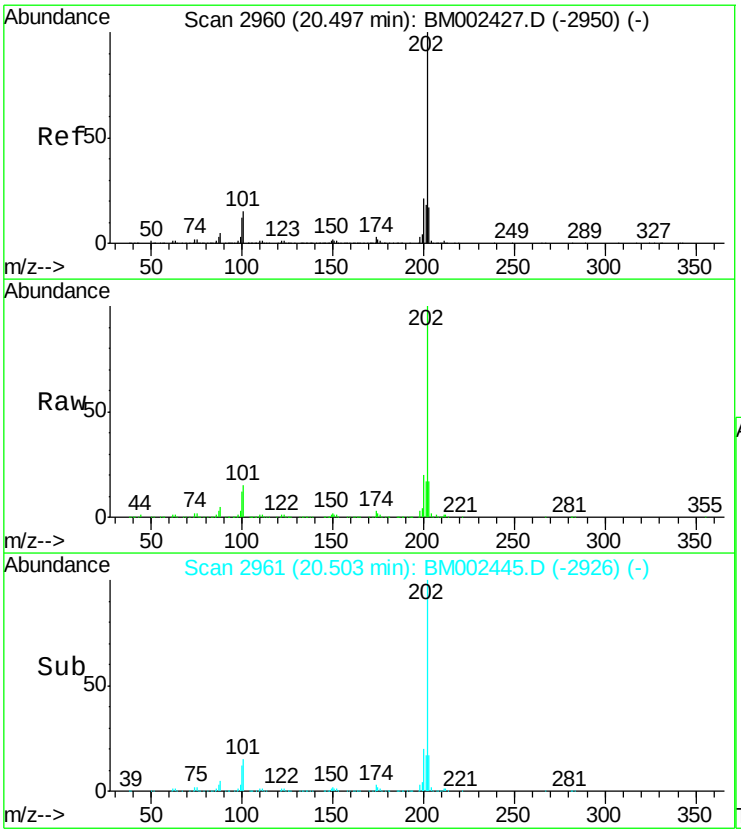
#16
Fluoranthene
Concen: 17.26 ng/ul
RT: 20.15 min Scan# 2901
Delta R.T. 0.01 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 688494

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
100	9.3	7.4	11.2

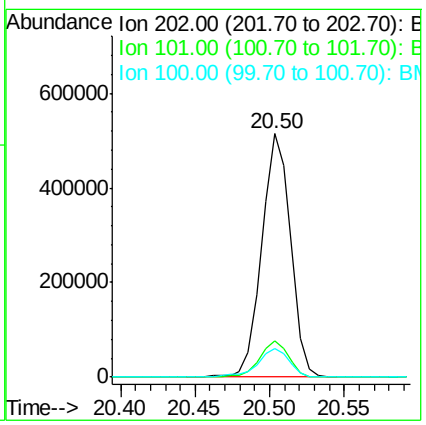


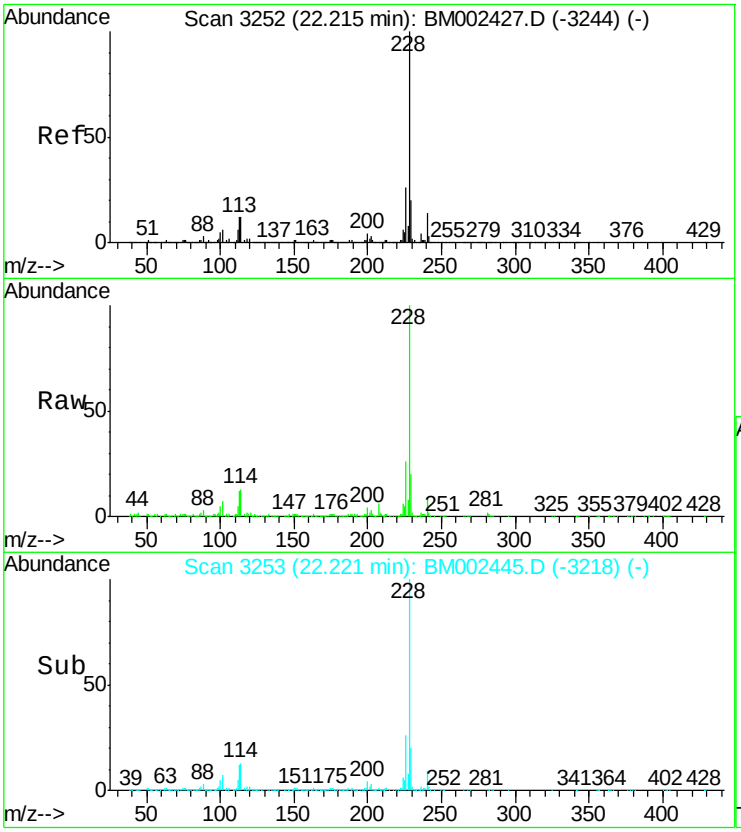


#19
Pyrene
Concen: 25.83 ng/ul
RT: 20.50 min Scan# 2961
Delta R.T. 0.01 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Tgt Ion:202 Resp: 684499

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.0	18.0
100	12.0	9.7	14.5



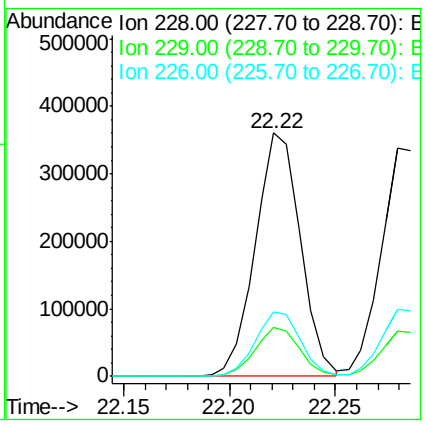


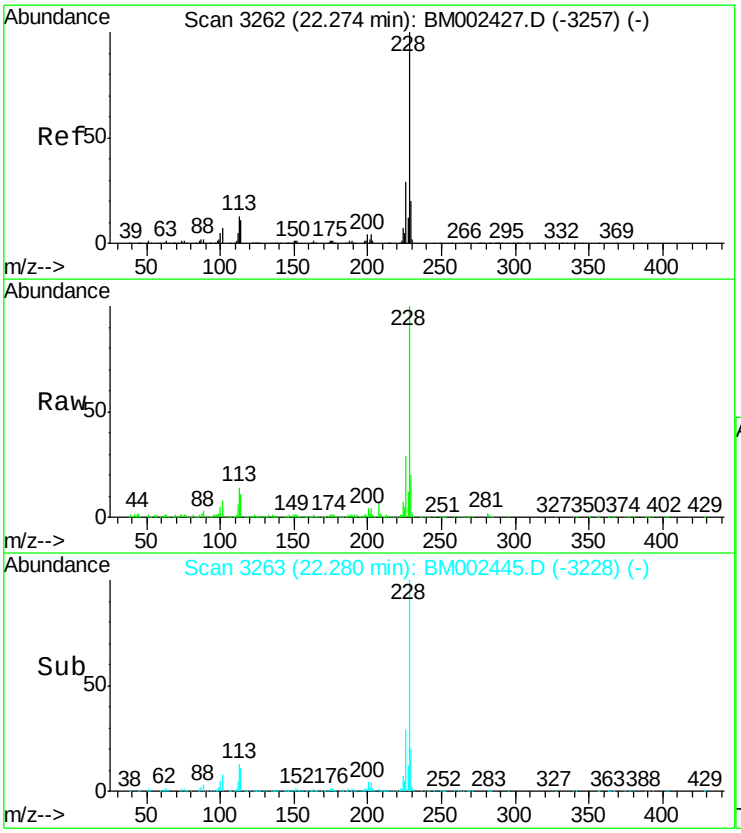
#20
Benzo(a)anthracene
Concen: 19.77 ng/ul
RT: 22.22 min Scan# 3253
Delta R.T. 0.01 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 534836

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	26.5	21.1	31.7

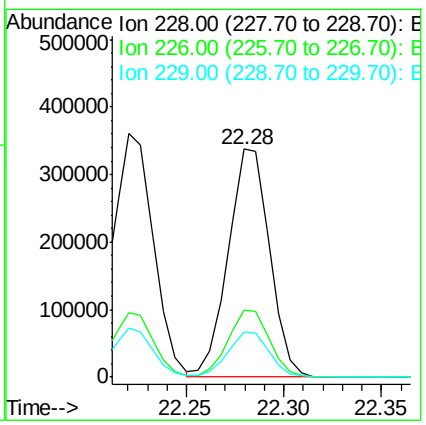


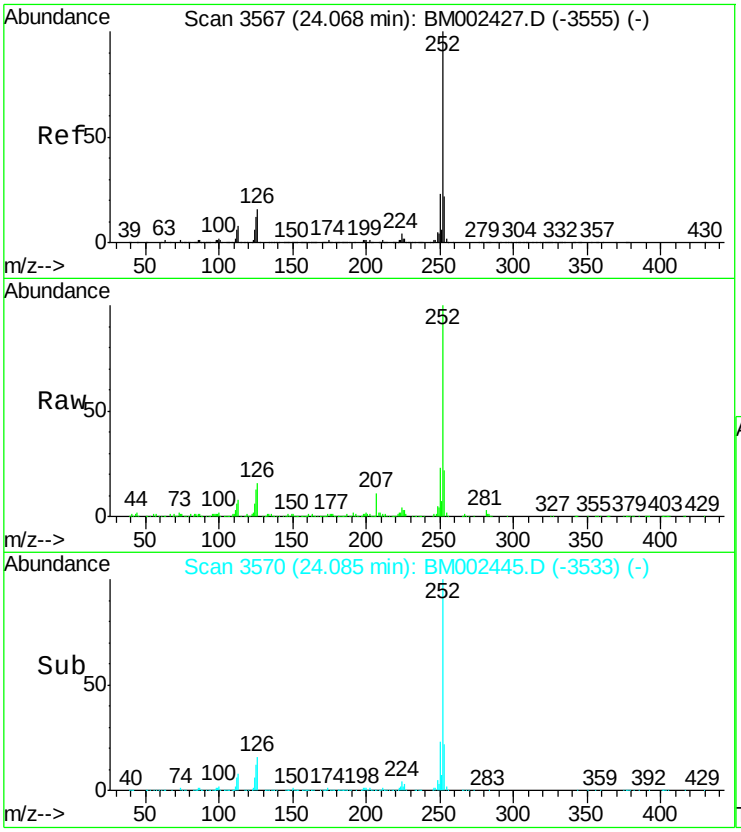


#21
Chrysene
Concen: 19.58 ng/ul
RT: 22.28 min Scan# 3263
Delta R.T. 0.01 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Tgt Ion:228 Resp: 495449

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	19.6	15.7	23.5



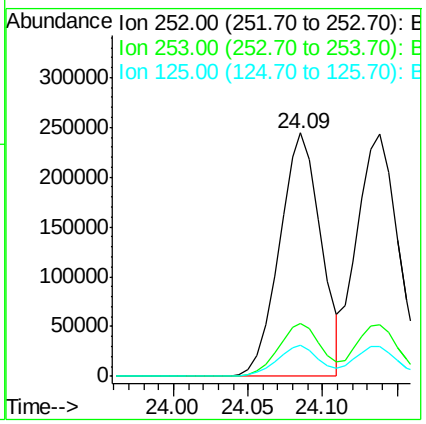


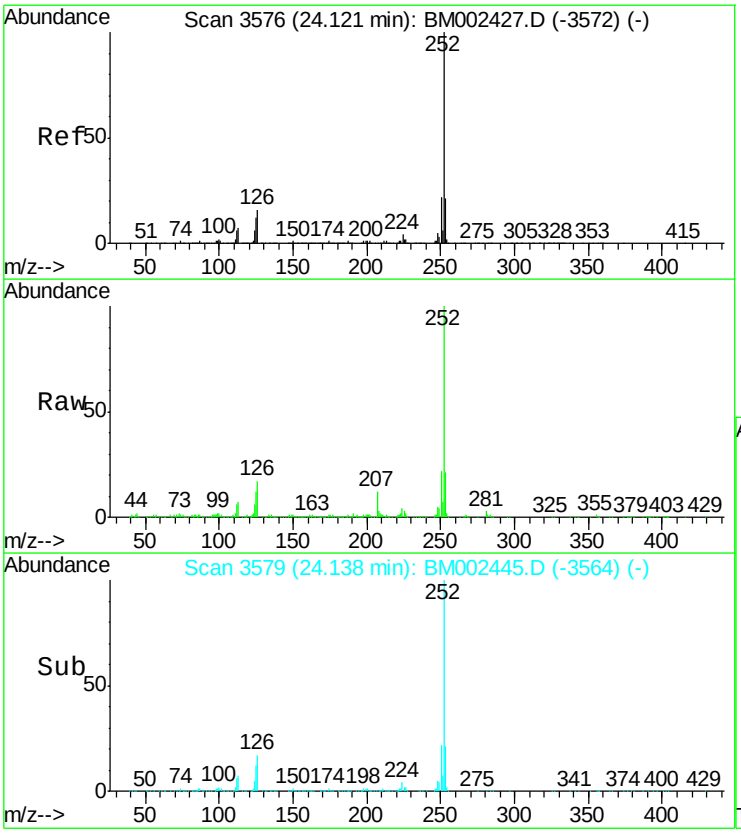
#23
Benzo(b)fluoranthene
Concen: 19.86 ng/ul
RT: 24.09 min Scan# 3570
Delta R.T. 0.02 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 474926

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	12.6	10.0	15.0

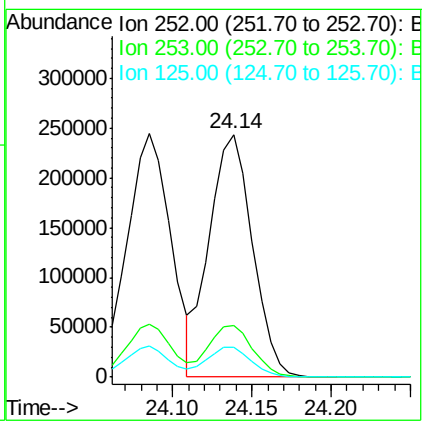


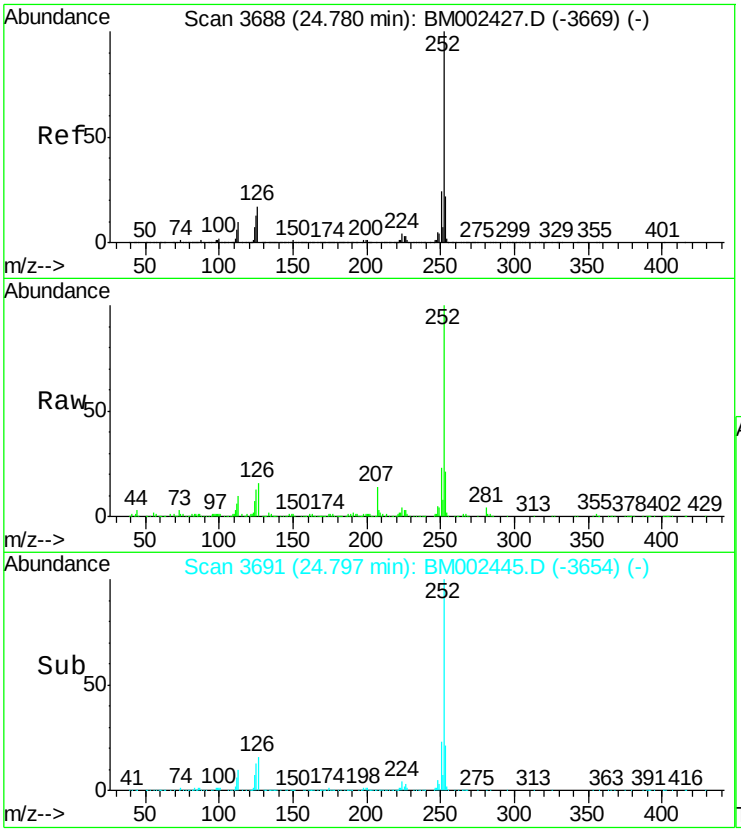


#24
Benzo(k)fluoranthene
Concen: 20.28 ng/ul
RT: 24.14 min Scan# 3579
Delta R.T. 0.02 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Tgt Ion:252 Resp: 459613

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	12.4	9.8	14.8



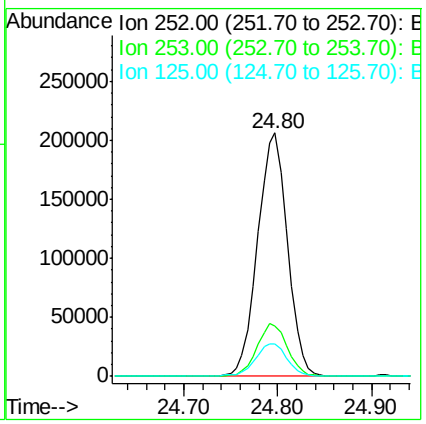


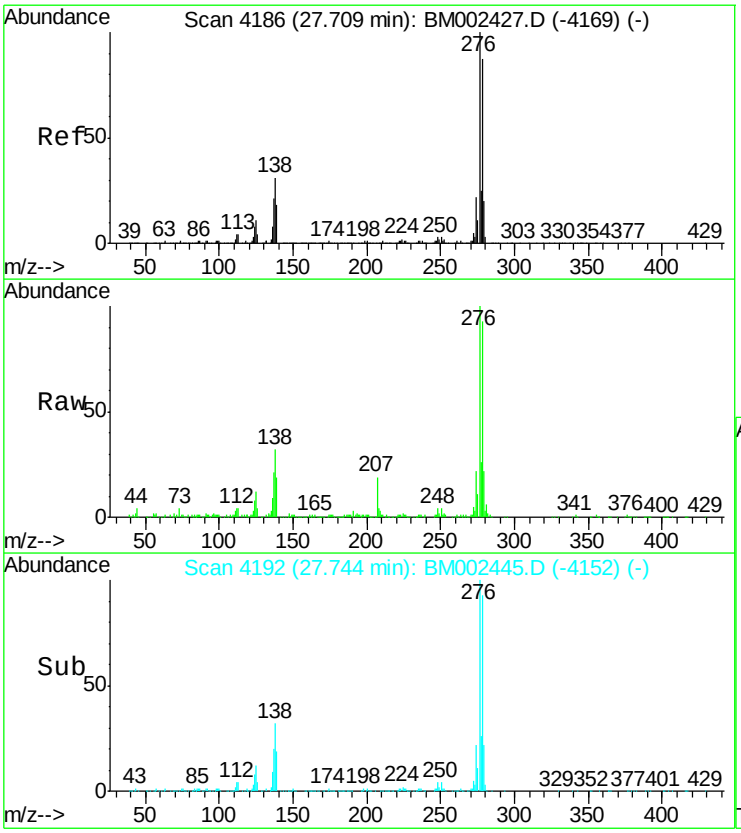
#26
Benzo(a)pyrene
Concen: 19.81 ng/ul
RT: 24.80 min Scan# 3691
Delta R.T. 0.02 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 452426

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.6	26.4
125	13.3	10.7	16.1

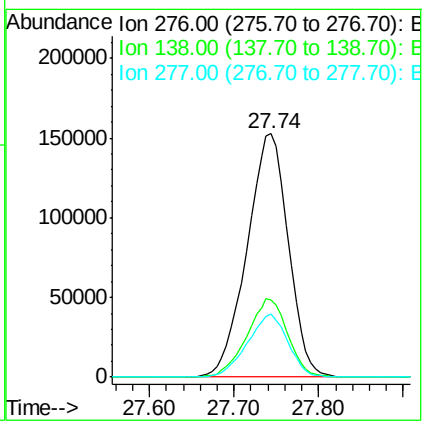


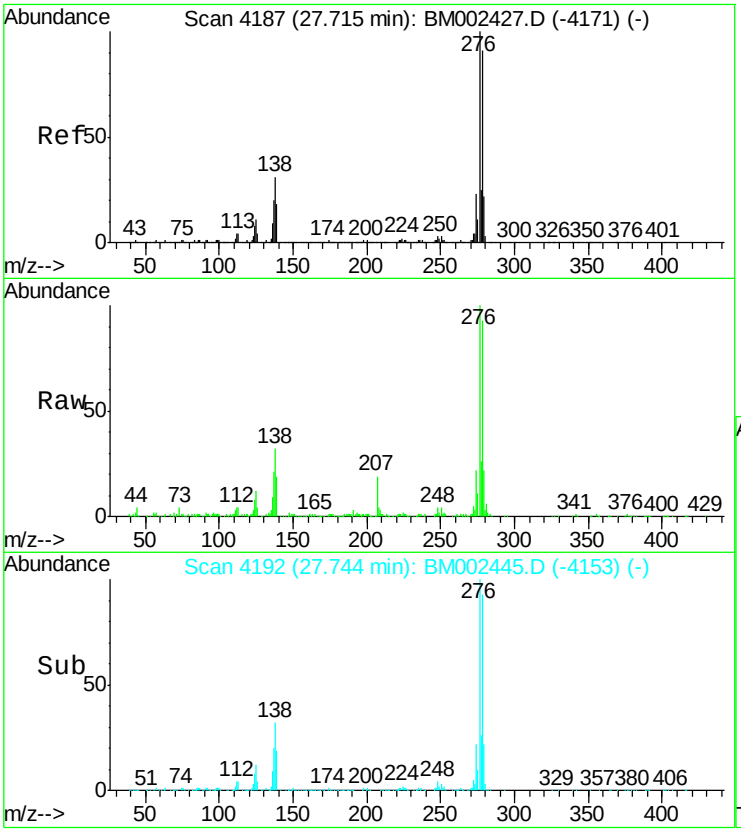


#27
Indeno(1,2,3-cd)pyrene
Concen: 19.73 ng/ul
RT: 27.74 min Scan# 4192
Delta R.T. 0.04 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Tgt Ion:276 Resp: 518235

Ion	Ratio	Lower	Upper
276	100		
138	32.0	25.3	37.9
277	25.7	20.2	30.2



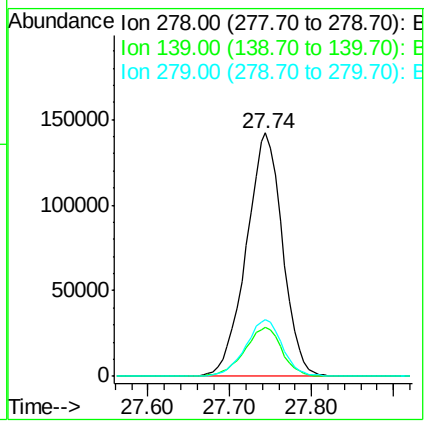


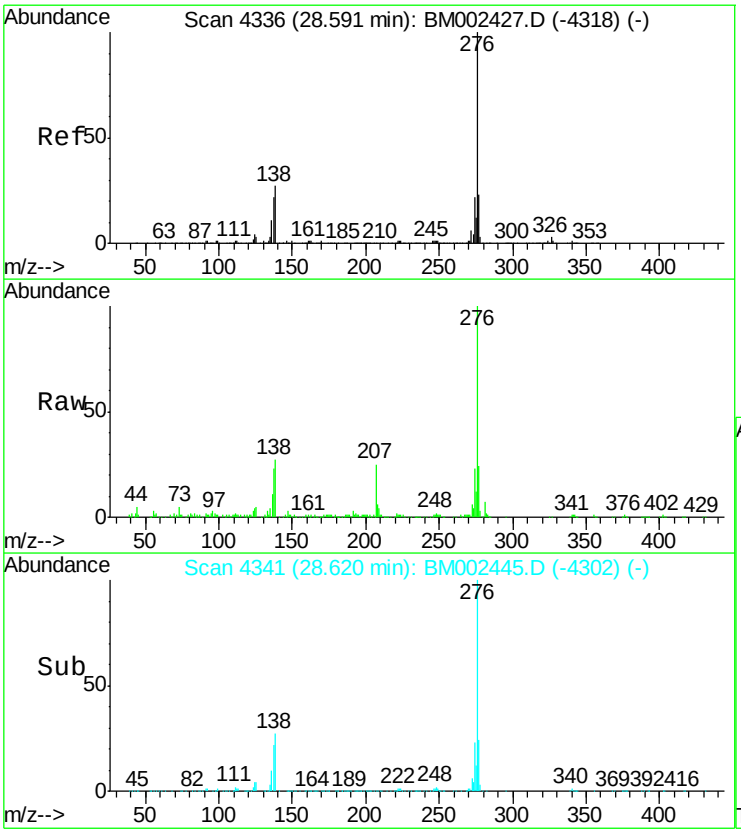
#28
Dibenzo(a,h)anthracene
Concen: 19.95 ng/ul
RT: 27.74 min Scan# 4192
Delta R.T. 0.03 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 438070

Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.5	24.7
279	23.6	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 19.86 ng/ul
RT: 28.62 min Scan# 4341
Delta R.T. 0.03 min
Lab File: BM002445.D
Acq: 17 Aug 2015 10:22

Tgt Ion:276 Resp: 434227

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.0	31.6
277	23.6	19.2	28.8