Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081715\
Data File : BM002446.D
Acq On : 17 Aug 2015 11:04
Operator : UM/IZ
Sample : G3194-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9D82

Quant Time: Aug 18 04:29:11 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	100557	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	464423	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	244206	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	487431	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	351499	20.00	ng/ul	0.00
22) Perylene-d12	24.91	264	306424	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	847393	33.94	ng/ul	0.00
10) Fluorene-d10	16.42	176	570670	32.54	ng/ul	0.00
14) Anthracene-d10	18.26	188	818614	34.82	ng/ul	0.00
18) Pyrene-d10	20.47	212	734895	47.17	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.74	264	574156	35.67	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.79	128	192071	8.10	ng/ul	100
5) 1-Methylnaphthalene	13.55	142	257022	14.63	ng/ul	100
8) Acenaphthylene	15.19	152	189777	7.26	ng/ul	100
11) Fluorene	16.48	166	486900	24.69	ng/ul	99
15) Anthracene	18.29	178	306811	10.76	ng/ul	100
20) Benzo(a)anthracene	22.22	228	410750	19.54	ng/ul	100
23) Benzo(b)fluoranthene	24.09	252	428997	23.16	ng/ul	100
24) Benzo(k)fluoranthene	24.13	252	186872	10.64	ng/ul	99

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

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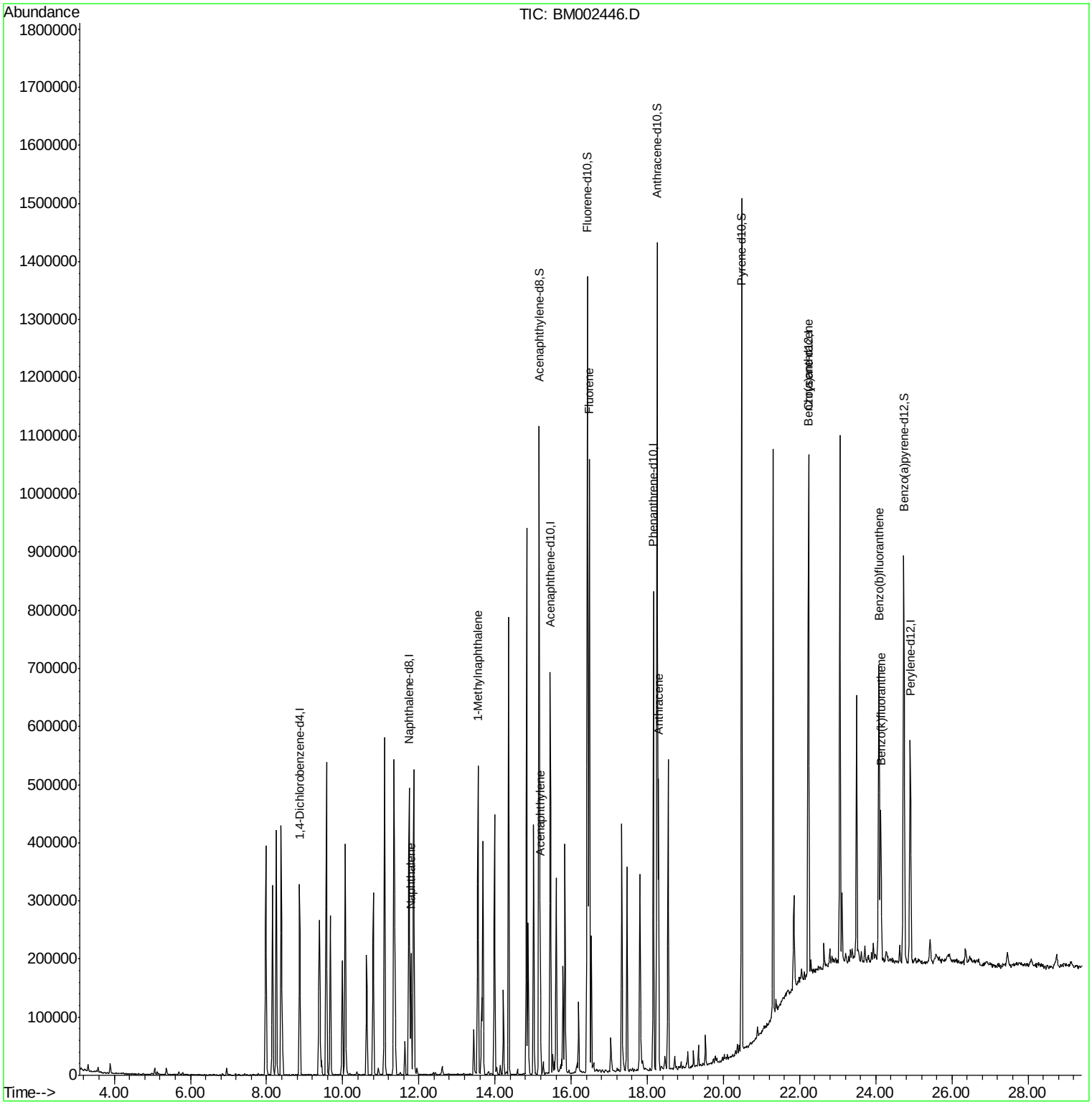
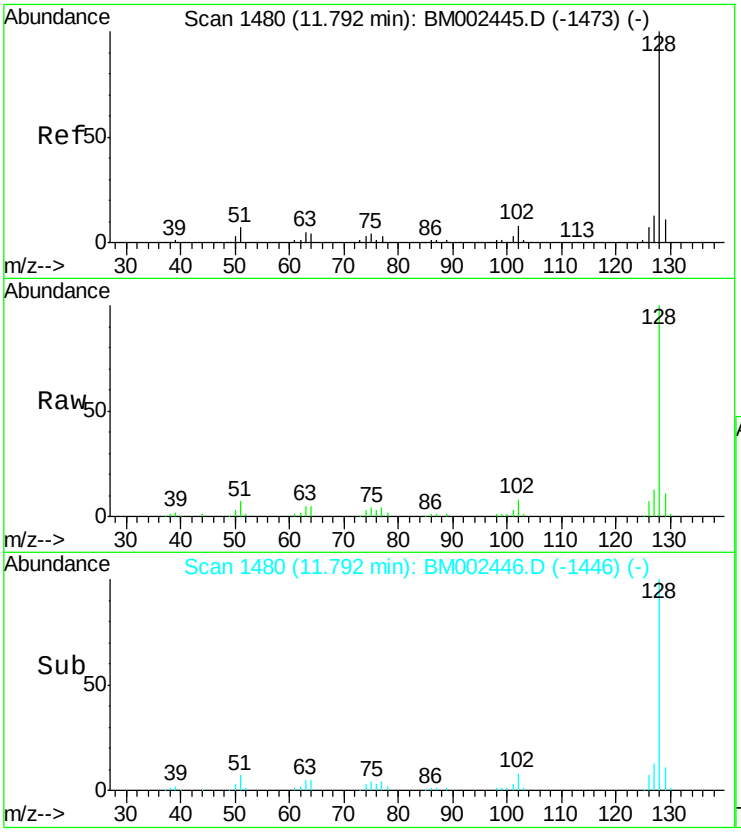


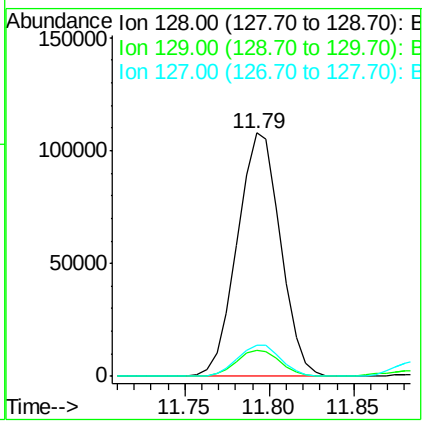


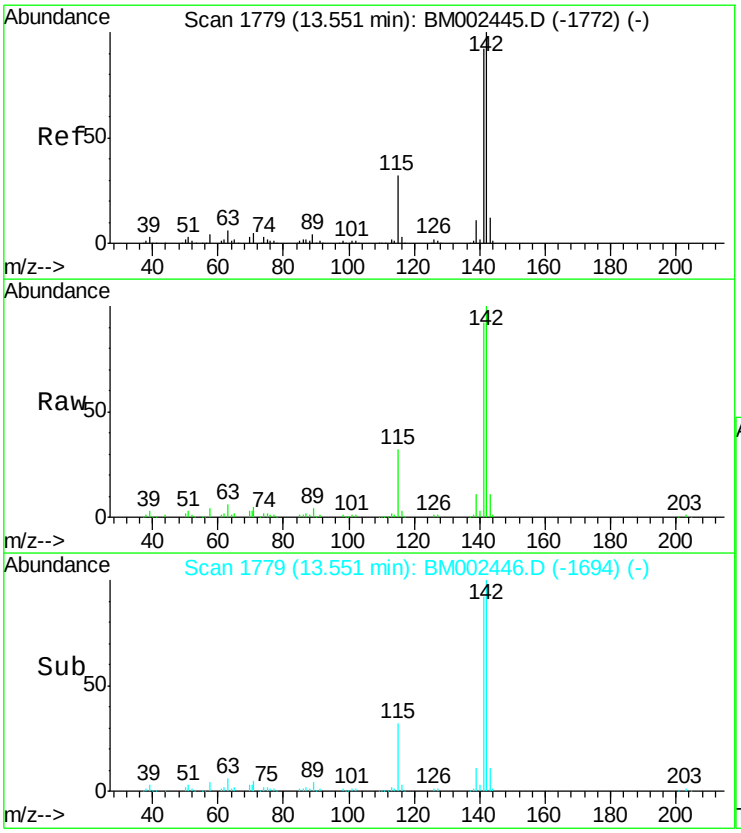
#3
Naphthalene
Concen: 8.10 ng/ul
RT: 11.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BM002446.D
Acq: 17 Aug 2015 11:04

Instrument :
BNA_M
ClientSampleId :
D9D82

Tgt Ion:128 Resp: 192071

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.0	10.4	15.6

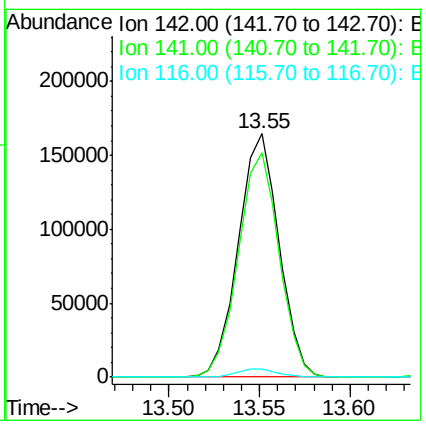


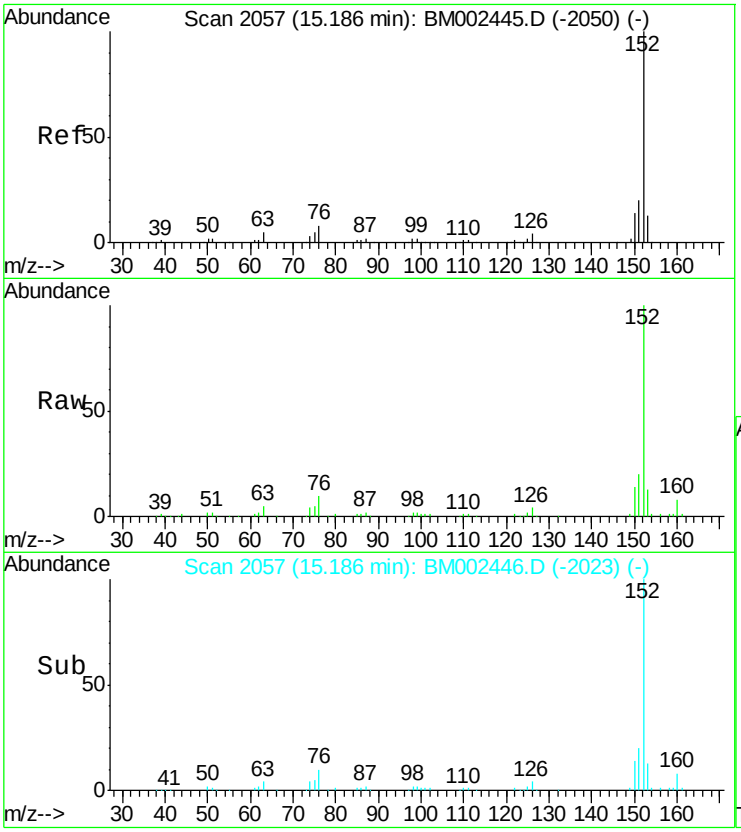


#5
1-Methylnaphthalene
Concen: 14.63 ng/ul
RT: 13.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BM002446.D
Acq: 17 Aug 2015 11:04

Tgt Ion:142 Resp: 257022

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



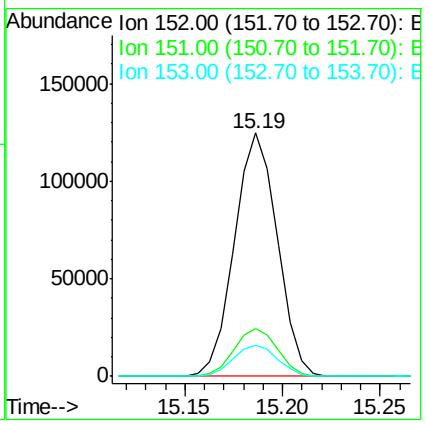


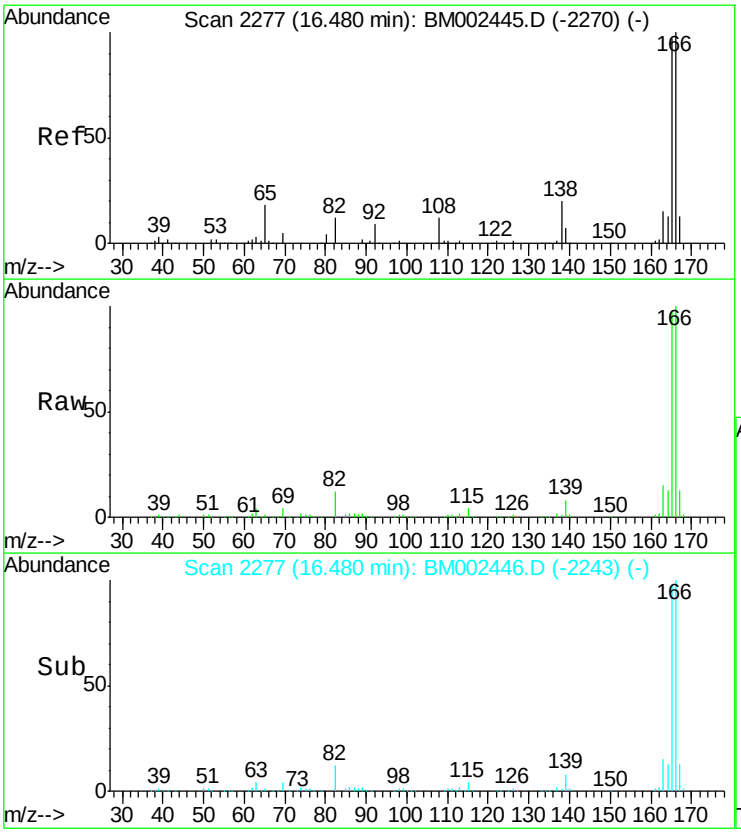
#8
Acenaphthylene
Concen: 7.26 ng/ul
RT: 15.19 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BM002446.D
Acq: 17 Aug 2015 11:04

Instrument :
BNA_M
ClientSampleId :
D9D82

Tgt Ion:152 Resp: 189777

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.7	10.2	15.4

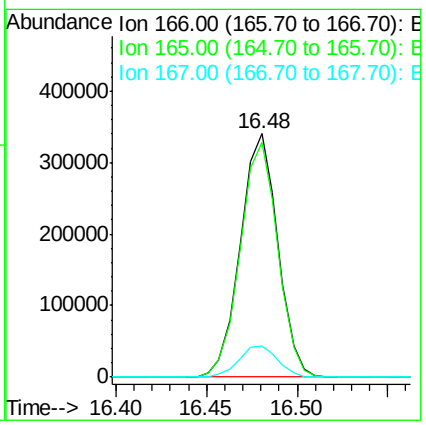


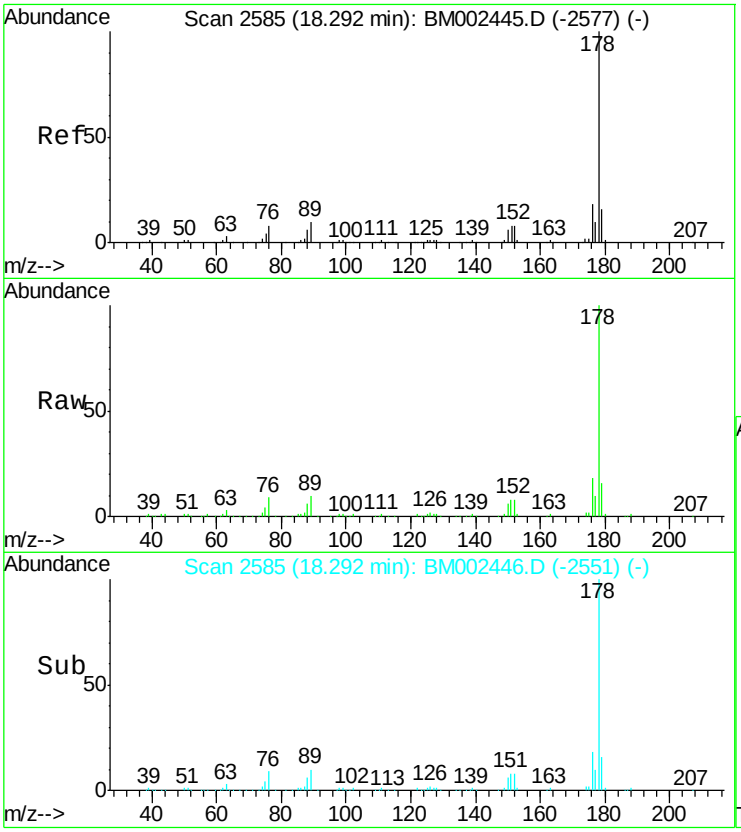


#11
Fluorene
Concen: 24.69 ng/ul
RT: 16.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BM002446.D
Acq: 17 Aug 2015 11:04

Tgt Ion:166 Resp: 486900

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.6	116.4
167	12.9	10.7	16.1



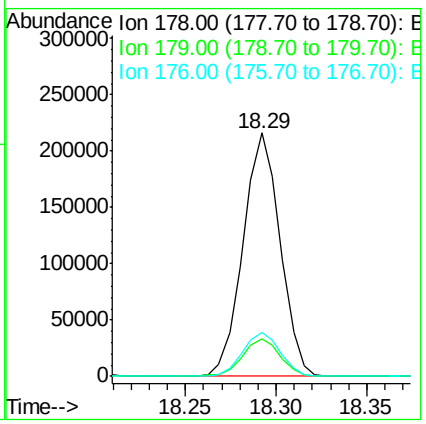


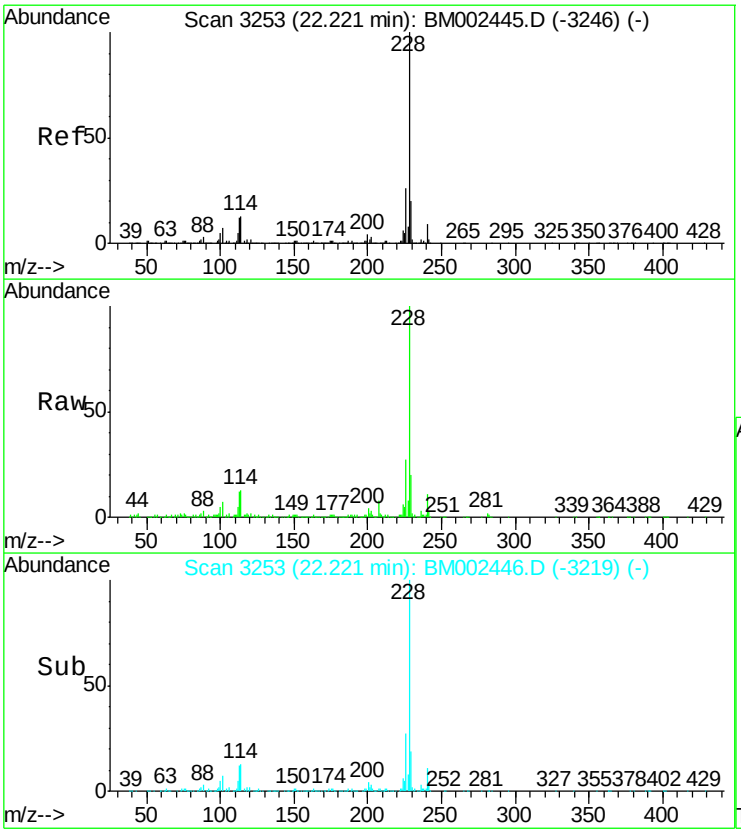
#15
Anthracene
Concen: 10.76 ng/ul
RT: 18.29 min Scan# 2585
Delta R.T. 0.00 min
Lab File: BM002446.D
Acq: 17 Aug 2015 11:04

Instrument :
BNA_M
ClientSampleId :
D9D82

Tgt Ion:178 Resp: 306811

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.2	14.5	21.7

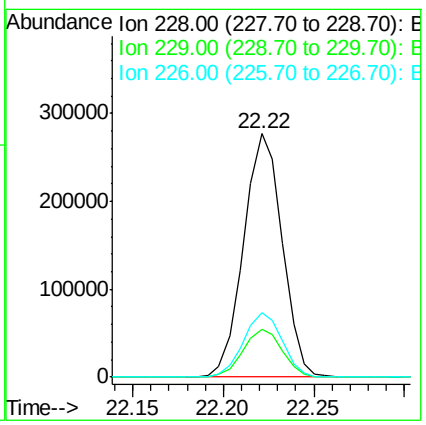


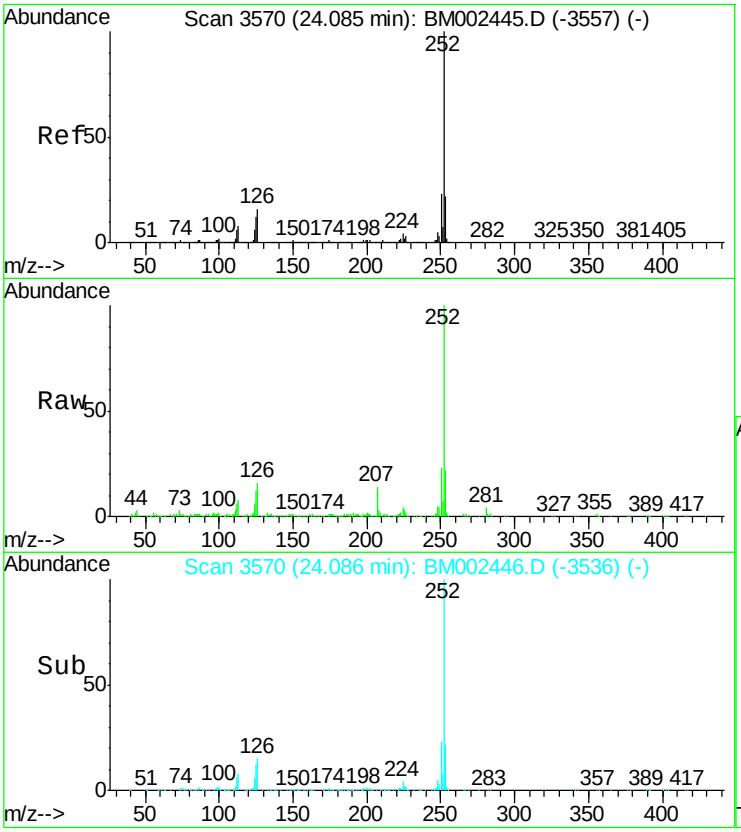


#20
Benzo(a)anthracene
Concen: 19.54 ng/ul
RT: 22.22 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BM002446.D
Acq: 17 Aug 2015 11:04

Tgt Ion:228 Resp: 410750

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.6
226	26.7	21.1	31.7



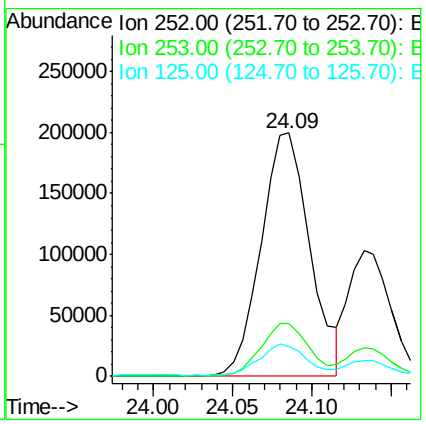


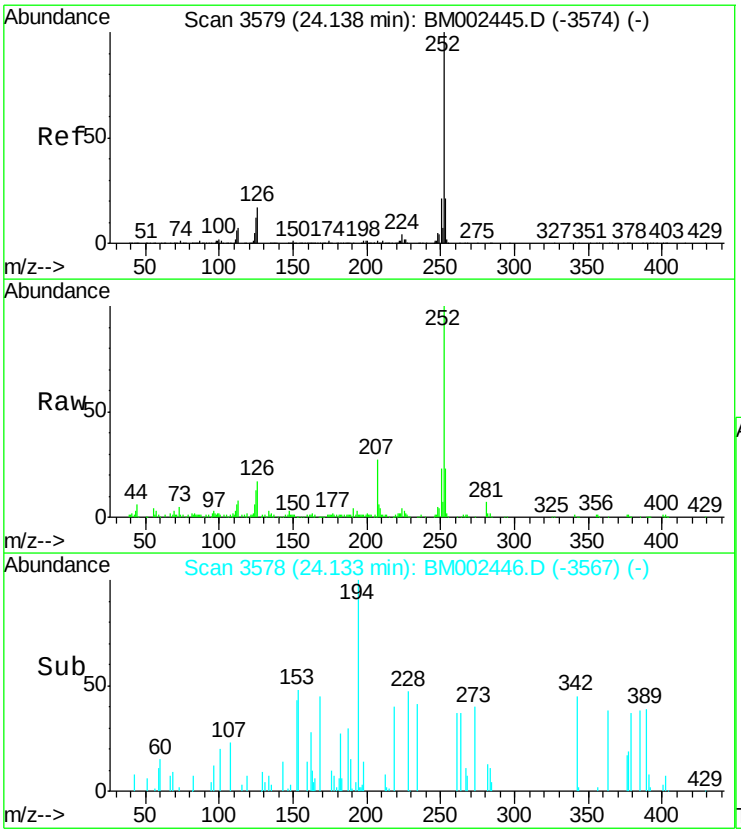
#23
Benzo(b)fluoranthene
Concen: 23.16 ng/ul
RT: 24.09 min Scan# 3570
Delta R.T. 0.00 min
Lab File: BM002446.D
Acq: 17 Aug 2015 11:04

Instrument :
BNA_M
ClientSampleId :
D9D82

Tgt Ion:252 Resp: 428997

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	12.4	10.0	15.0





#24
Benzo(k)fluoranthene
Concen: 10.64 ng/ul
RT: 24.13 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BM002446.D
Acq: 17 Aug 2015 11:04

Tgt Ion:252 Resp: 186872

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	13.0	9.8	14.8