Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002468.D
Acq On : 18 Aug 2015 01:28
Operator : UM/IZ
Sample : G3227-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 18 03:07:33 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	141809	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	656489	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	342408	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	621194	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	415660	20.00	ng/ul	0.00
22) Perylene-d12	24.93	264	418358	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	668873	19.11	ng/ul	0.00
10) Fluorene-d10	16.43	176	437771	17.80	ng/ul	0.00
14) Anthracene-d10	18.26	188	571618	19.08	ng/ul	0.00
18) Pyrene-d10	20.48	212	441121	23.94	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.75	264	381061	17.34	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.21	178	136780	3.81	ng/ul	99
16) Fluoranthene	20.15	202	270522	6.66	ng/ul	97
19) Pyrene	20.51	202	247587	10.17	ng/ul	99
20) Benzo(a)anthracene	22.23	228	208961	8.41	ng/ul	98
21) Chrysene	22.29	228	244872	10.53	ng/ul	96
23) Benzo(b)fluoranthene	24.10	252	458281	18.12	ng/ul	97
26) Benzo(a)pyrene	24.81	252	289731	11.99	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.77	276	247793	8.92	ng/ul	94
28) Dibenzo(a,h)anthracene	27.76	278	82912	3.57	ng/ul#	87
29) Benzo(g,h,i)perylene	28.66	276	236619	10.23	ng/ul	97

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

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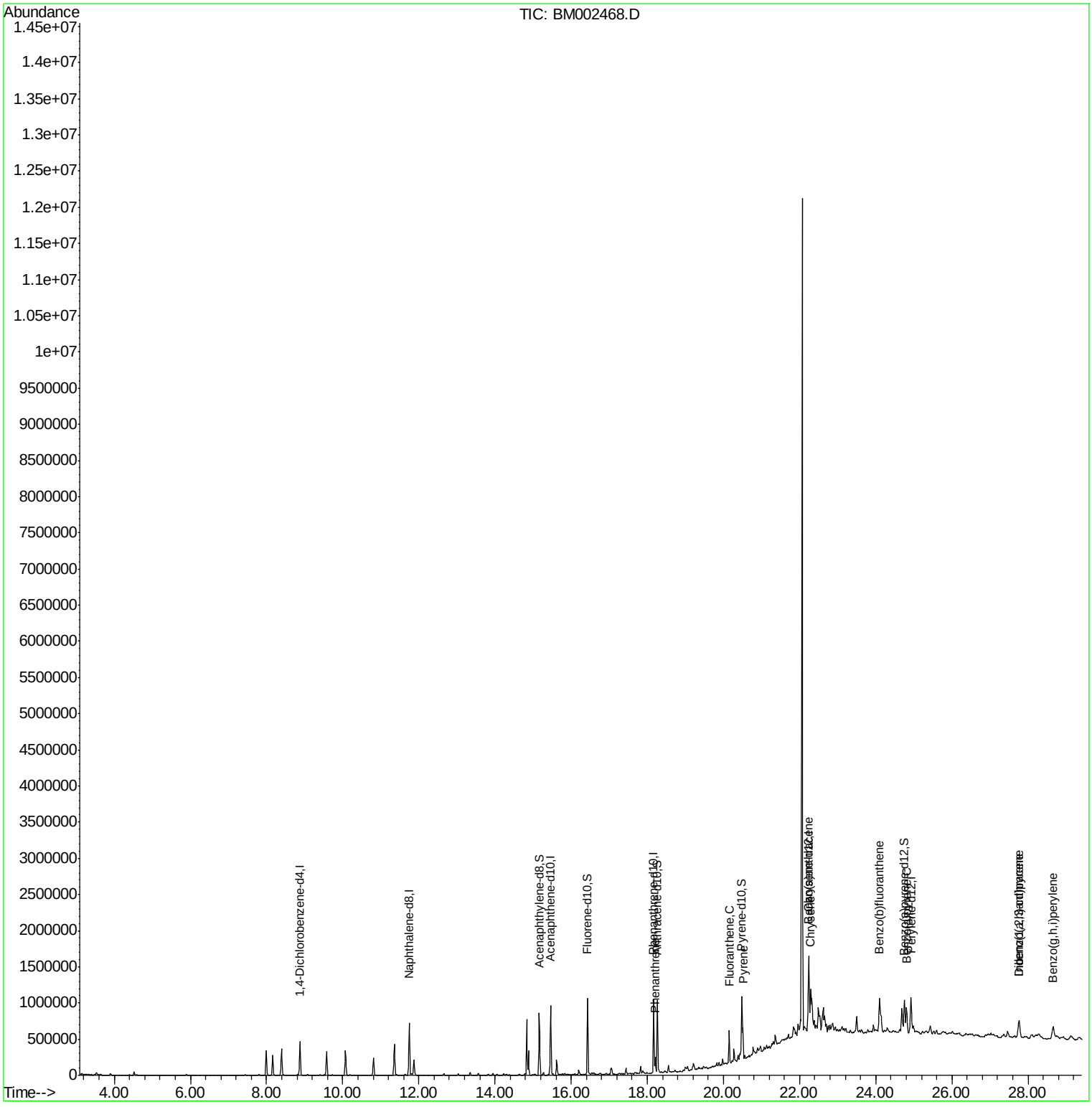
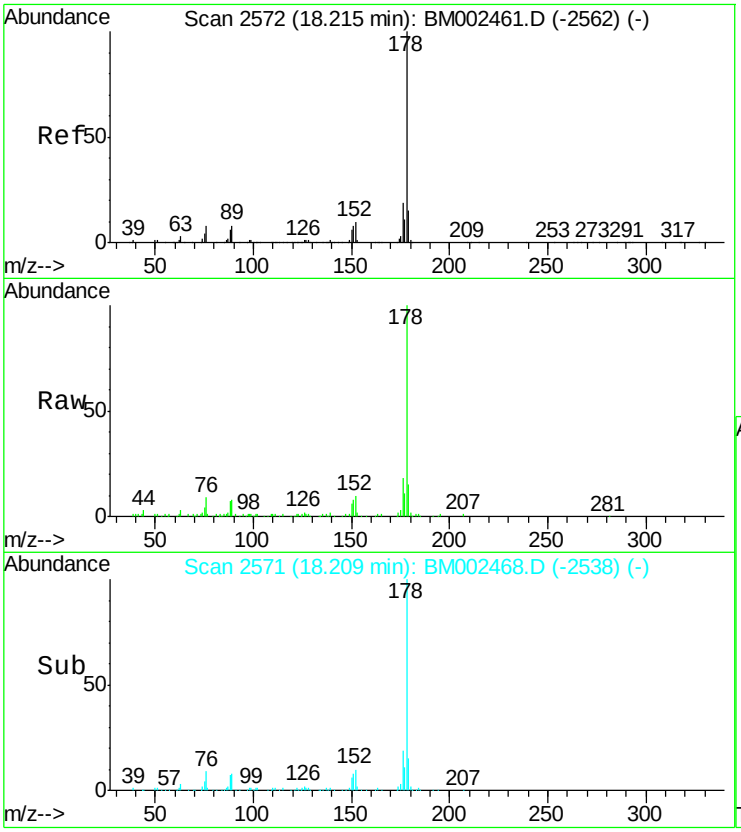


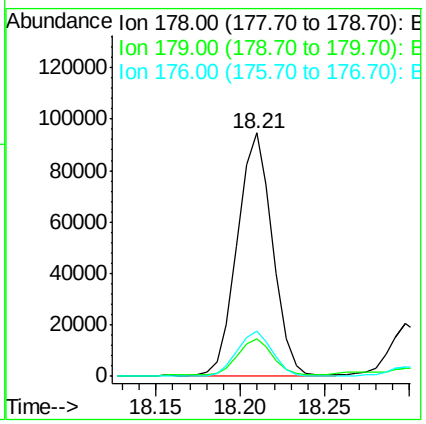


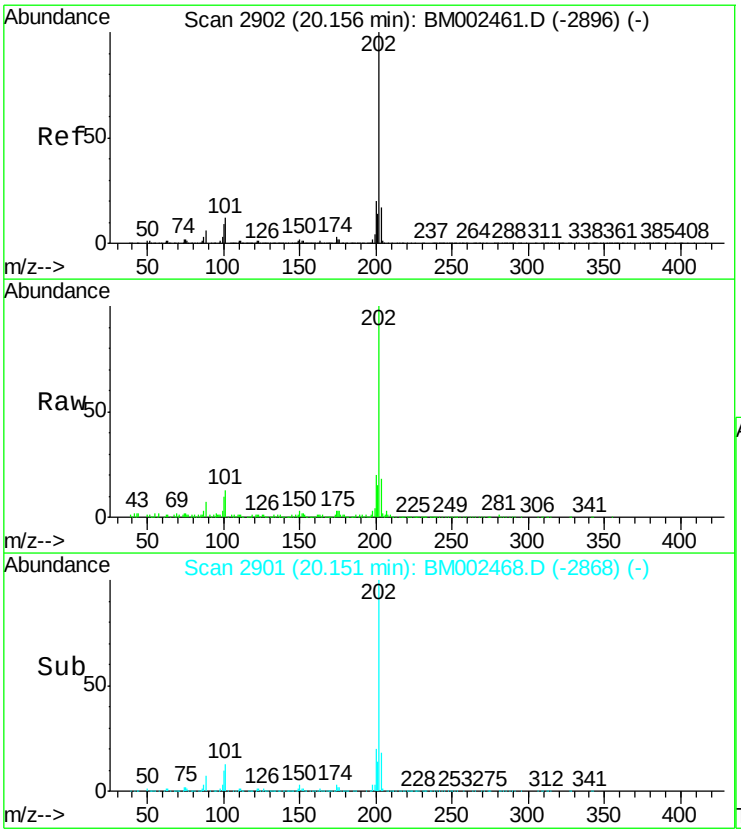
#13
Phenanthrene
Concen: 3.81 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BM002468.D
Acq: 18 Aug 2015 01:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 136780

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.5	15.1	22.7

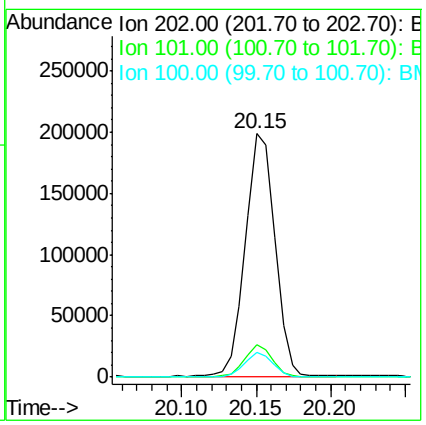


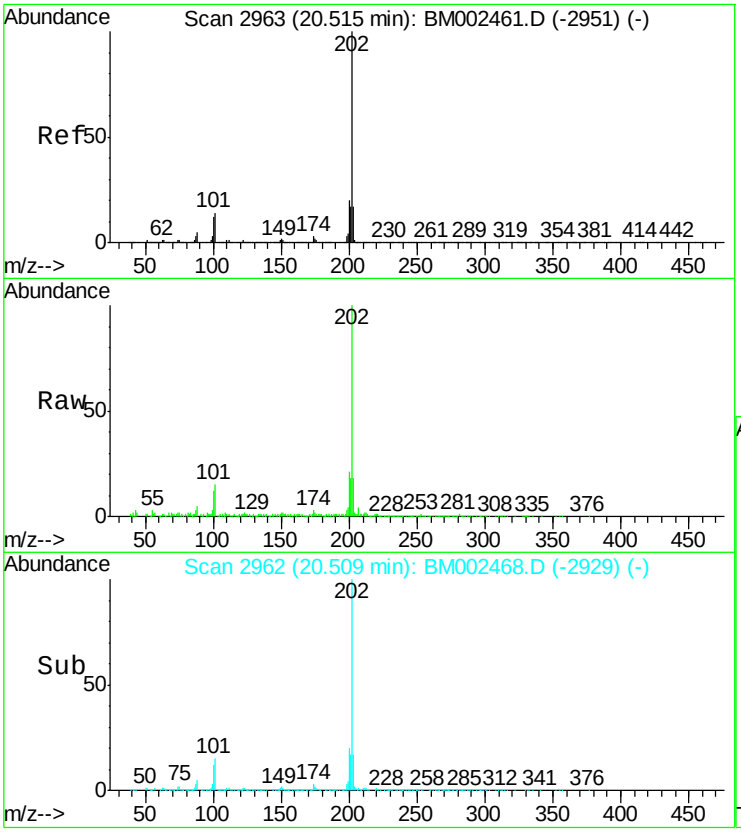


#16
Fluoranthene
Concen: 6.66 ng/ul
RT: 20.15 min Scan# 2901
Delta R.T. -0.01 min
Lab File: BM002468.D
Acq: 18 Aug 2015 01:28

Tgt Ion:202 Resp: 270522

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.7	14.5
100	10.2	7.4	11.2



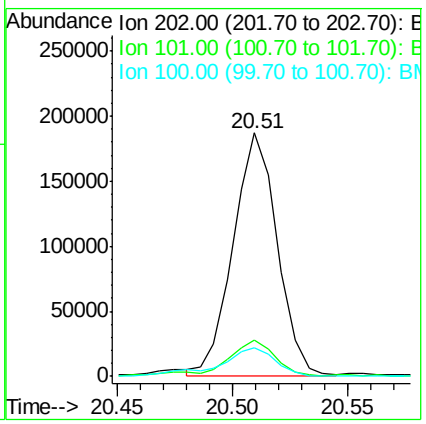


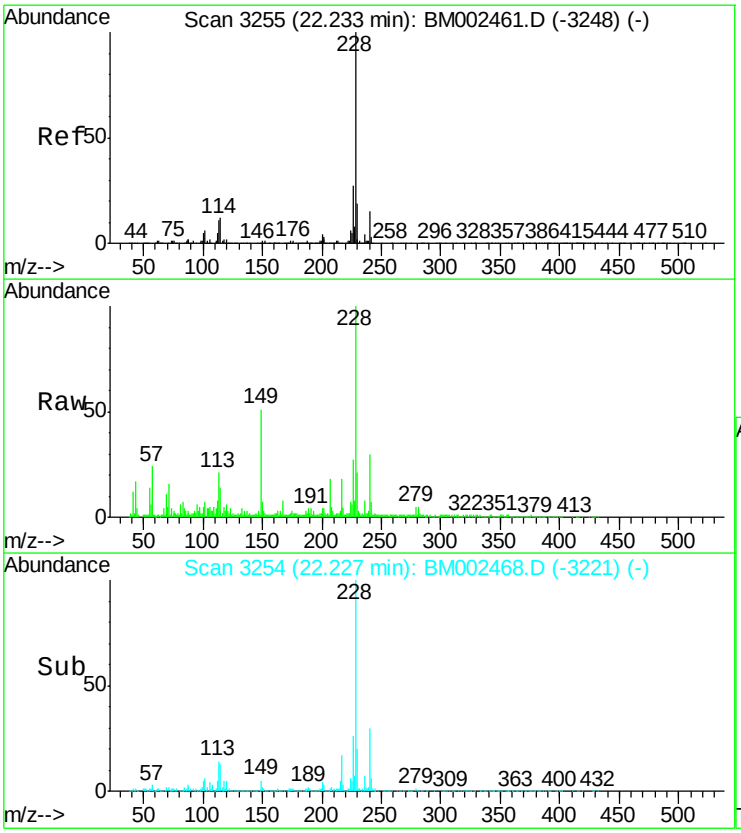
#19
Pyrene
Concen: 10.17 ng/ul
RT: 20.51 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BM002468.D
Acq: 18 Aug 2015 01:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 247587

Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.0	18.0
100	11.9	9.7	14.5

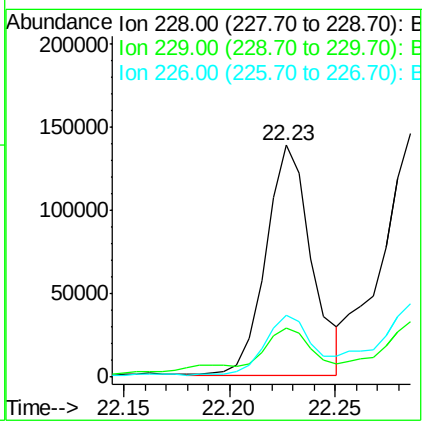


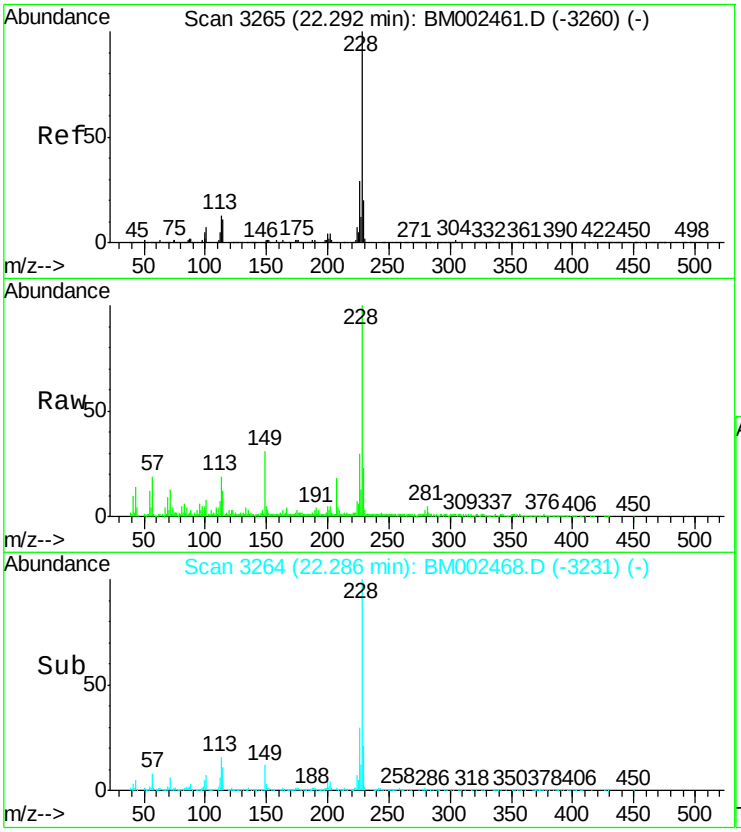


#20
Benzo(a)anthracene
Concen: 8.41 ng/ul
RT: 22.23 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BM002468.D
Acq: 18 Aug 2015 01:28

Tgt Ion:228 Resp: 208961

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	26.9	21.1	31.7



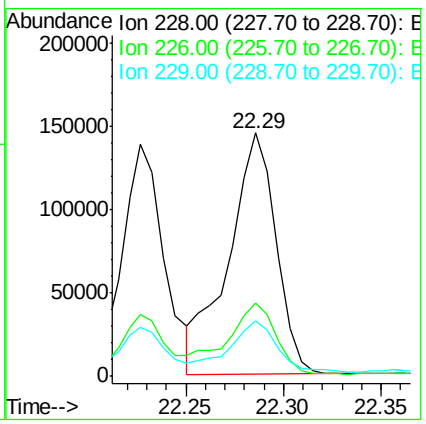


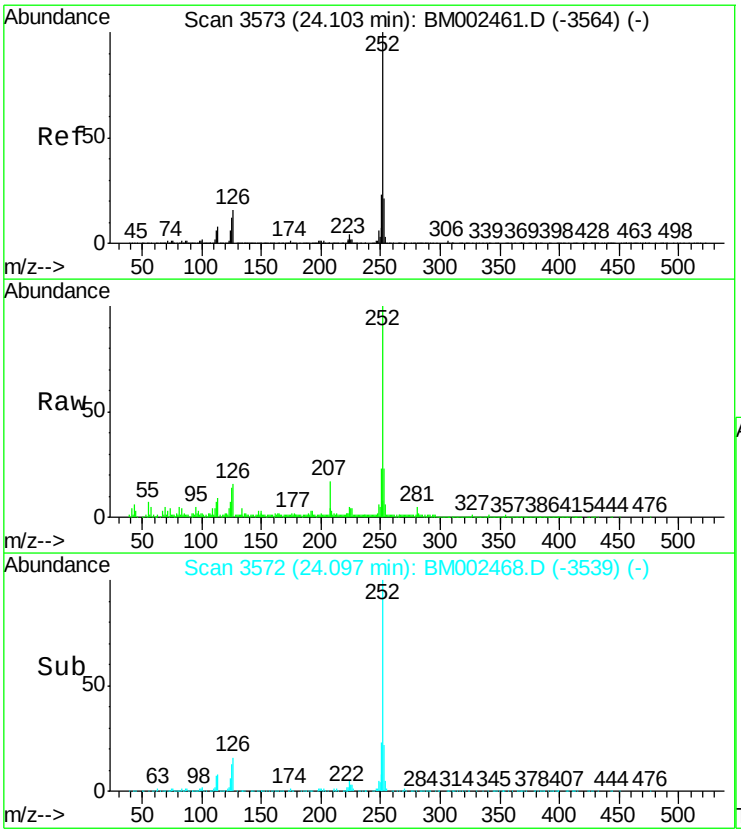
#21
Chrysene
Concen: 10.53 ng/ul
RT: 22.29 min Scan# 3264
Delta R.T. -0.01 min
Lab File: BM002468.D
Acq: 18 Aug 2015 01:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 244872

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.8	15.7	23.5

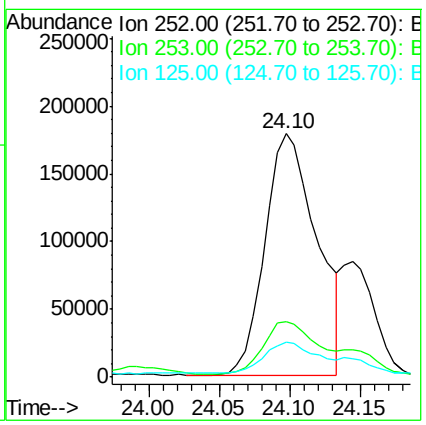


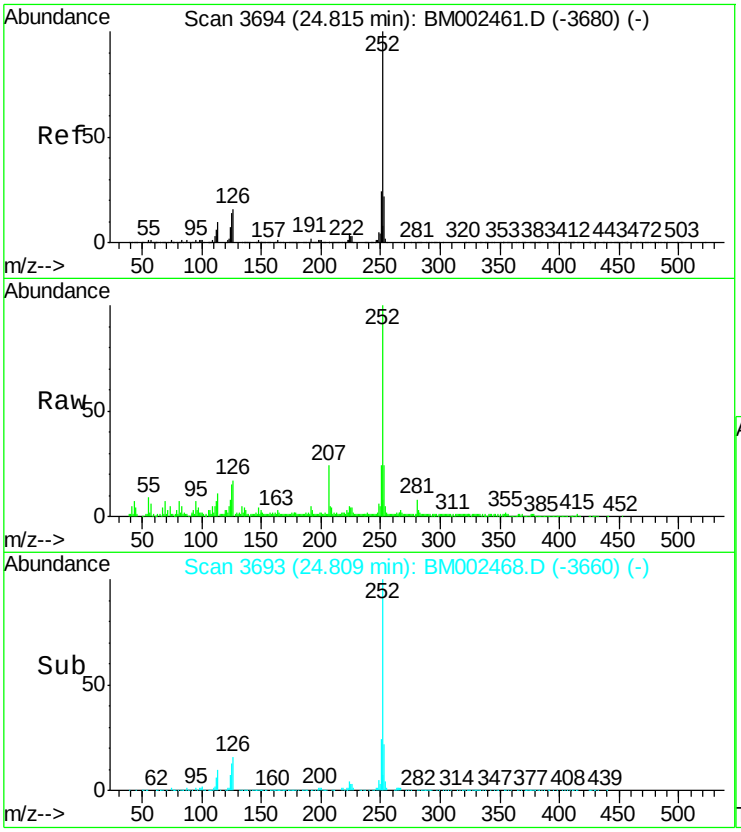


#23
Benzo(b)fluoranthene
Concen: 18.12 ng/ul
RT: 24.10 min Scan# 3572
Delta R.T. -0.01 min
Lab File: BM002468.D
Acq: 18 Aug 2015 01:28

Tgt Ion:252 Resp: 458281

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	14.1	10.0	15.0



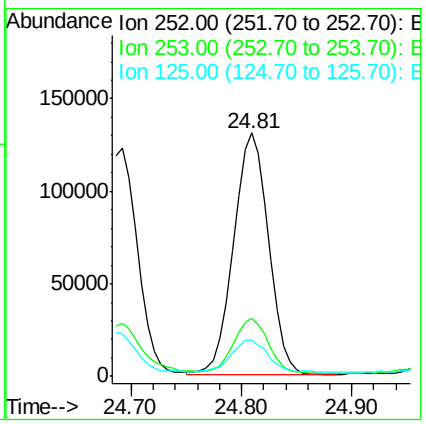


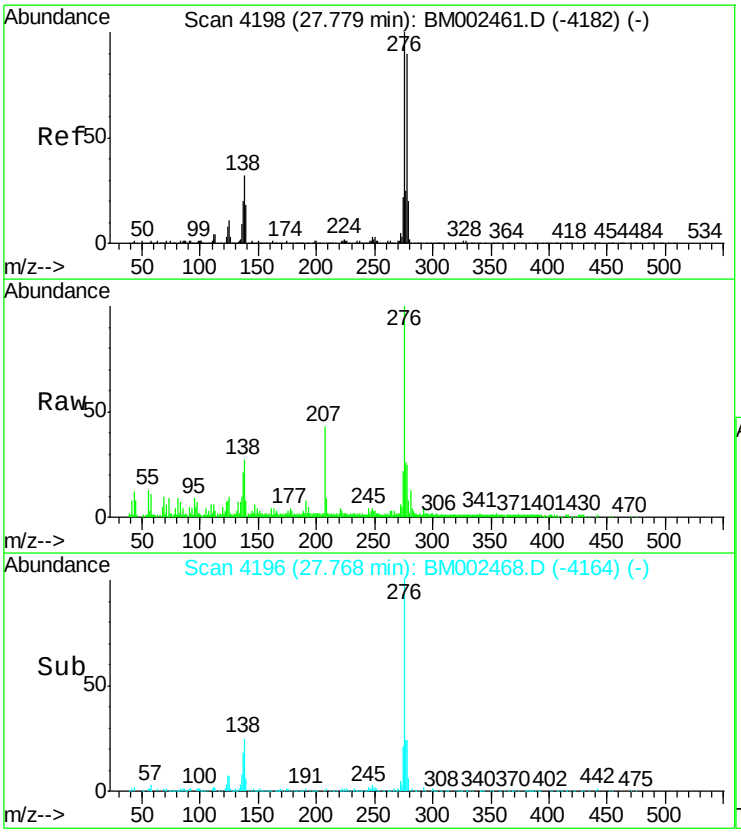
#26
Benzo(a)pyrene
Concen: 11.99 ng/ul
RT: 24.81 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BM002468.D
Acq: 18 Aug 2015 01:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 289731

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	15.1	10.7	16.1

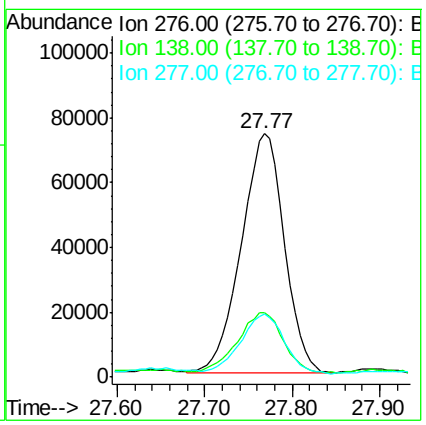


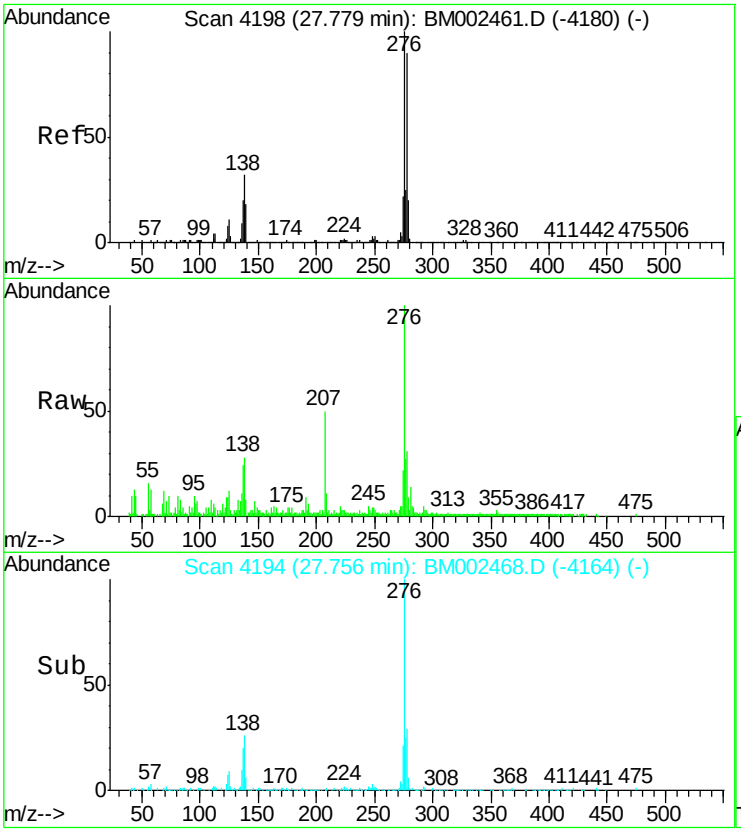


#27
Indeno(1,2,3-cd)pyrene
Concen: 8.92 ng/ul
RT: 27.77 min Scan# 4196
Delta R.T. -0.01 min
Lab File: BM002468.D
Acq: 18 Aug 2015 01:28

Tgt Ion:276 Resp: 247793

Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.3	37.9
277	26.2	20.2	30.2



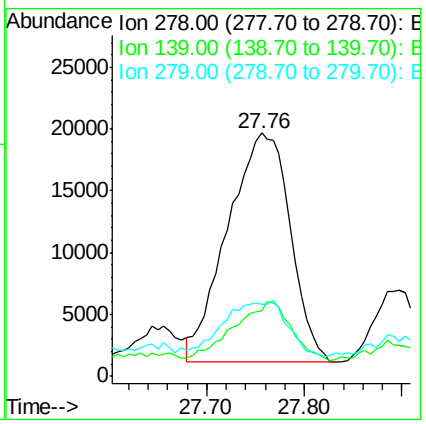


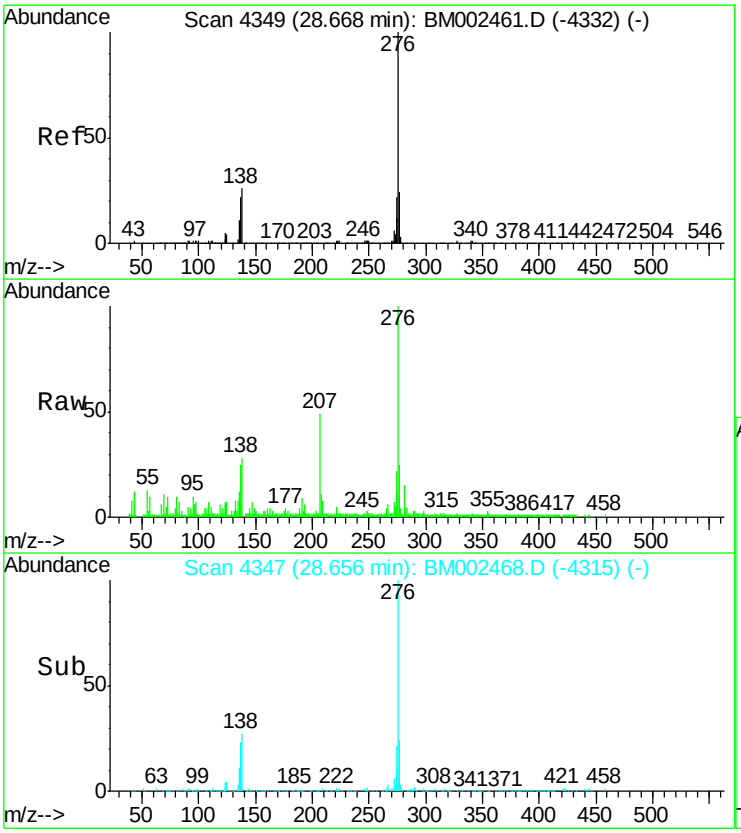
#28
Dibenzo(a,h)anthracene
Concen: 3.57 ng/ul
RT: 27.76 min Scan# 4194
Delta R.T. -0.02 min
Lab File: BM002468.D
Acq: 18 Aug 2015 01:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 82912

Ion	Ratio	Lower	Upper
278	100		
139	27.1	16.5	24.7#
279	29.5	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 10.23 ng/ul
RT: 28.66 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BM002468.D
Acq: 18 Aug 2015 01:28

Tgt Ion:276 Resp: 236619

Ion	Ratio	Lower	Upper
276	100		
138	28.5	21.0	31.6
277	25.0	19.2	28.8