Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002403.D
Acq On : 13 Aug 2015 18:24
Operator : UM/IZ
Sample : G3194-22
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9DE5

Quant Time: Aug 14 02:05:13 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 02:01:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	272054	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	1185493	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	573553	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	994015	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	707260	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	698093	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1017844	17.13	ng/ul	0.00
10) Fluorene-d10	16.46	176	649354	15.71	ng/ul	0.00
14) Anthracene-d10	18.30	188	825820	17.12	ng/ul	0.00
18) Pyrene-d10	20.52	212	660815	19.26	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	603157	16.27	ng/ul	0.00
Target Compounds						Qvalue
4) 2-Methylnaphthalene	13.37	142	45746	1.03	ng/ul	95
13) Phenanthrene	18.24	178	295937	5.17	ng/ul	99
15) Anthracene	18.33	178	66496	1.13	ng/ul	98
16) Fluoranthene	20.19	202	621267	9.81	ng/ul	99
19) Pyrene	20.54	202	477149	10.44	ng/ul	95
20) Benzo(a)anthracene	22.27	228	287865	6.67	ng/ul	98
21) Chrysene	22.27	228	285753	6.98	ng/ul	96
23) Benzo(b)fluoranthene	24.16	252	438946	10.12	ng/ul	97
26) Benzo(a)pyrene	24.87	252	262893	6.33	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	27.84	276	310454	6.52	ng/ul	97
28) Dibenzo(a,h)anthracene	27.84	278	83608	2.07	ng/ul#	77
29) Benzo(g,h,i)perylene	28.73	276	192981	4.81	ng/ul	97

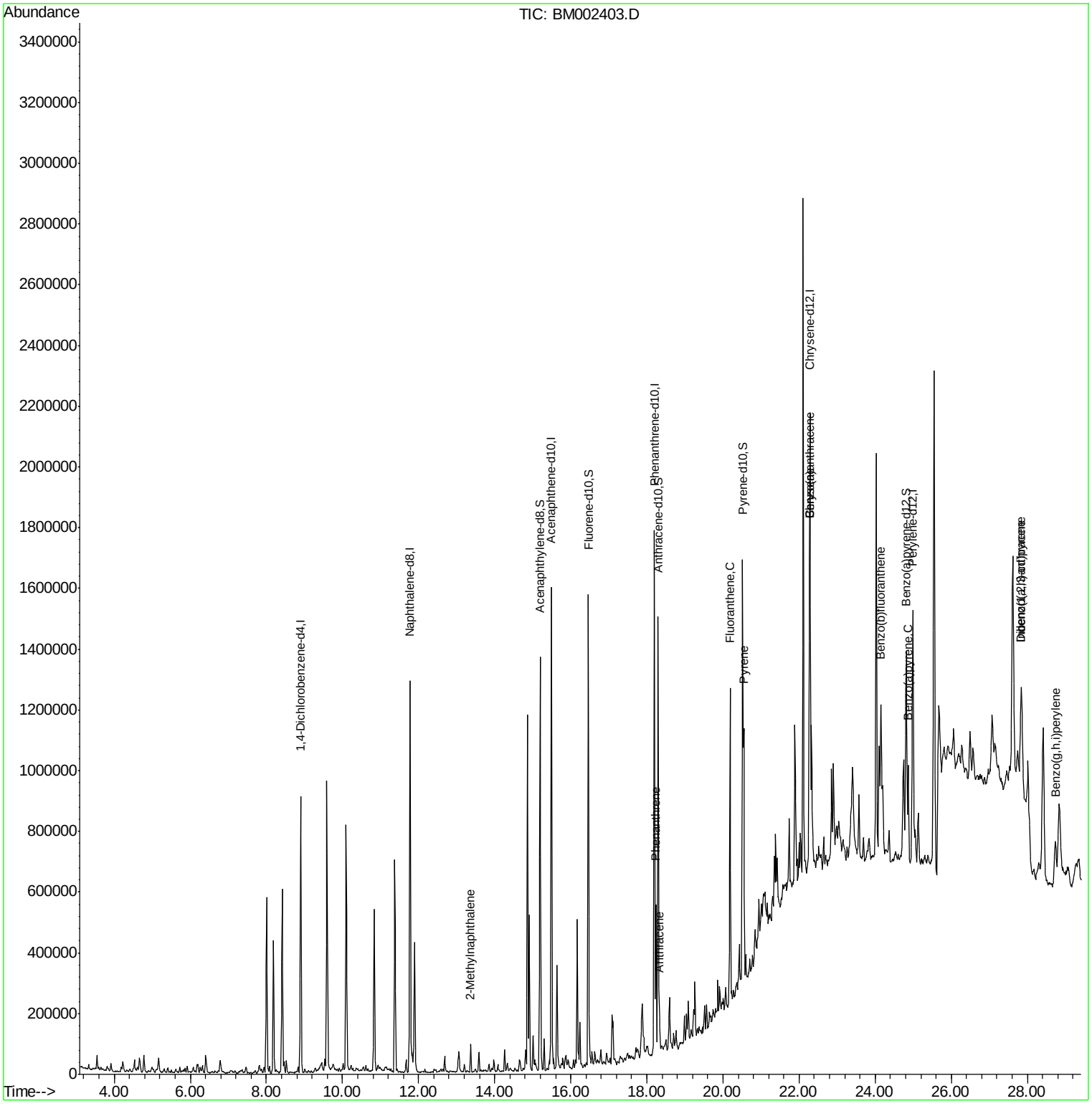
(#) = qualifier out of range (m) = manual integration (+) = signals summed

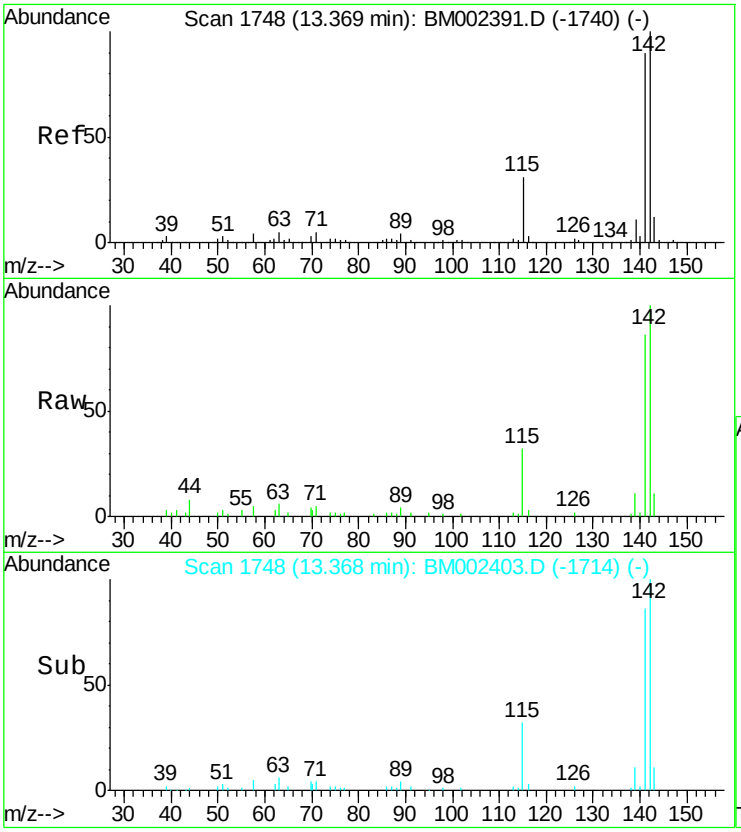
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002403.D
Acq On : 13 Aug 2015 18:24
Operator : UM/IZ
Sample : G3194-22
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DE5

Quant Time: Aug 14 02:05:13 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 02:01:37 2015
Response via : Initial Calibration



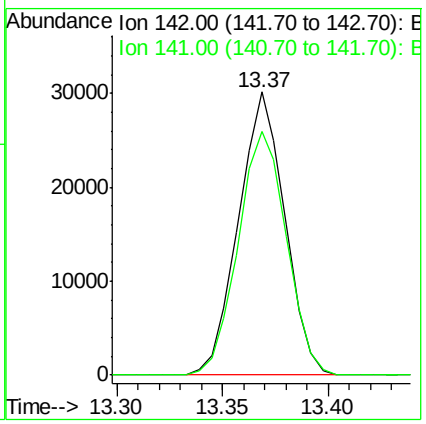


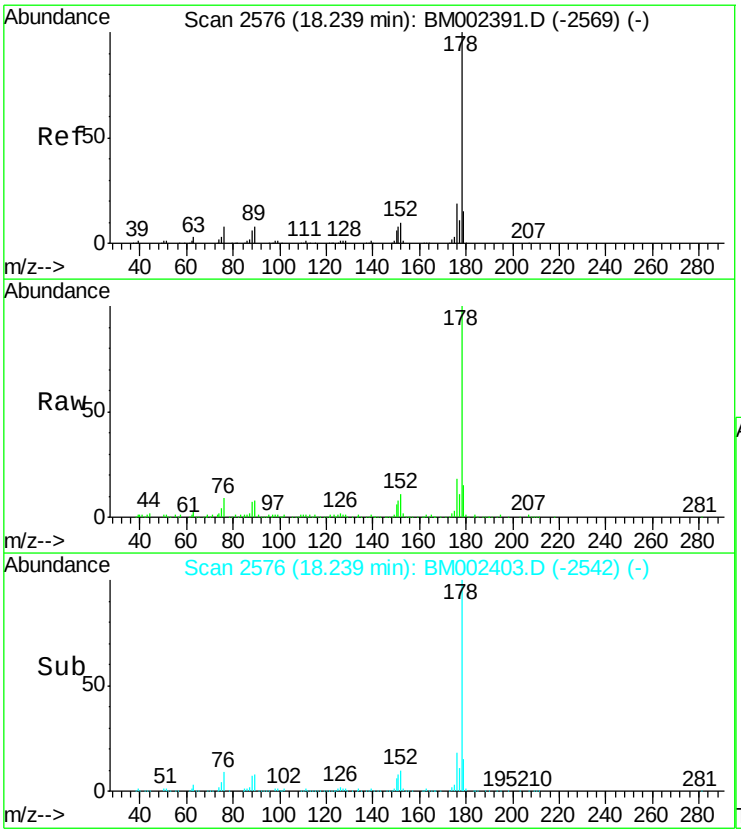
#4
2-Methylnaphthalene
Concen: 1.03 ng/ul
RT: 13.37 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BM002403.D
Acq: 13 Aug 2015 18:24

Instrument :
BNA_M
ClientSampleId :
D9DE5

Tgt Ion:142 Resp: 45746

Ion	Ratio	Lower	Upper
142	100		
141	86.2	72.5	108.7

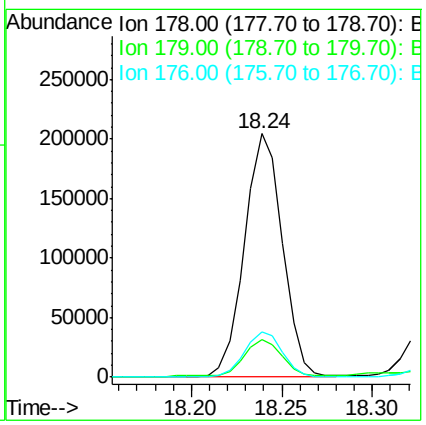


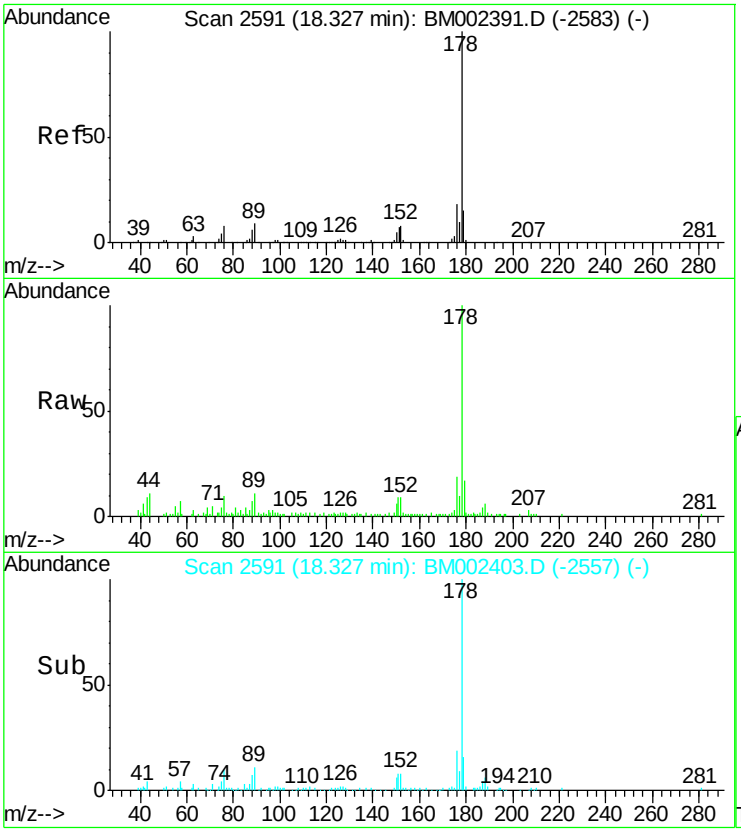


#13
Phenanthrene
Concen: 5.17 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BM002403.D
Acq: 13 Aug 2015 18:24

Tgt Ion:178 Resp: 295937

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.4	15.3	22.9



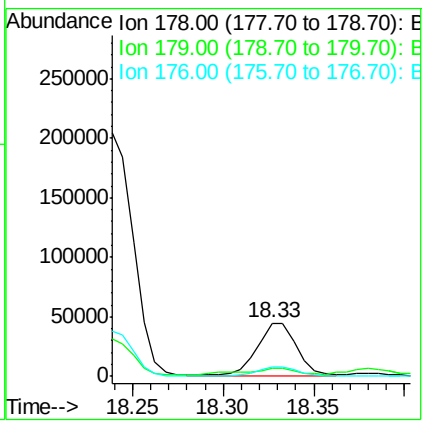


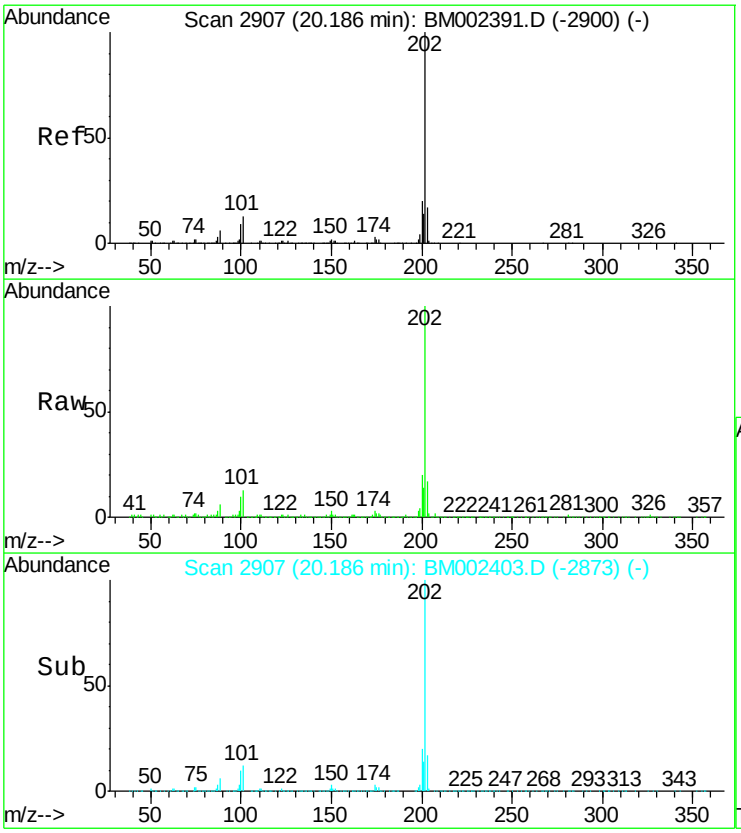
#15
Anthracene
Concen: 1.13 ng/ul
RT: 18.33 min Scan# 2591
Delta R.T. -0.00 min
Lab File: BM002403.D
Acq: 13 Aug 2015 18:24

Instrument :
BNA_M
ClientSampleId :
D9DE5

Tgt Ion:178 Resp: 66496

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	18.8	14.5	21.7

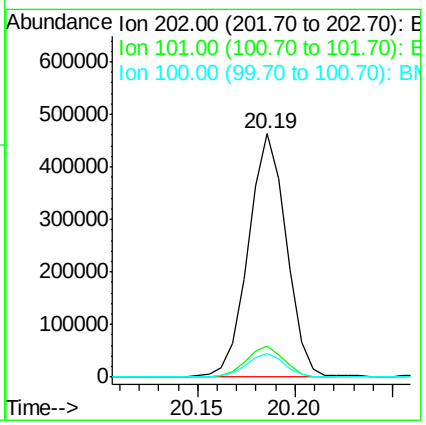


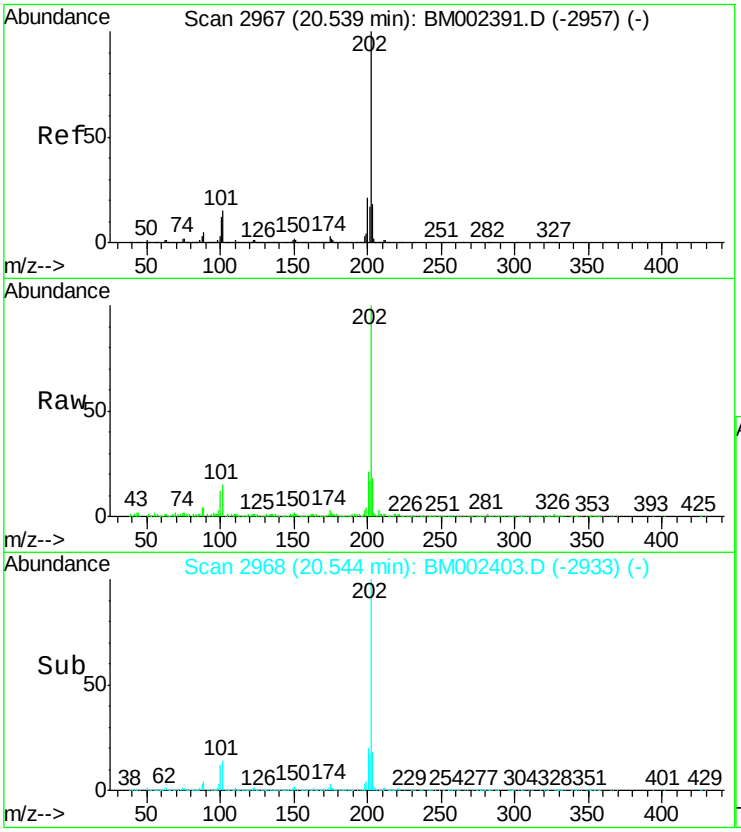


#16
Fluoranthene
Concen: 9.81 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BM002403.D
Acq: 13 Aug 2015 18:24

Tgt Ion:202 Resp: 621267

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.6	15.8
100	9.8	8.2	12.4



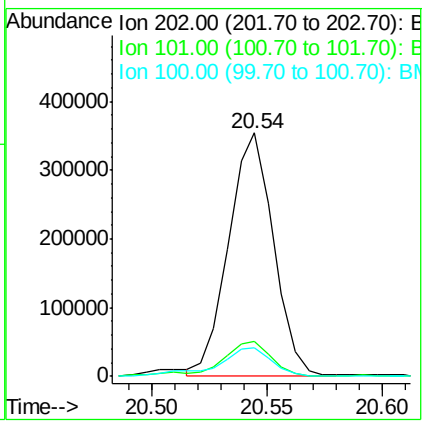


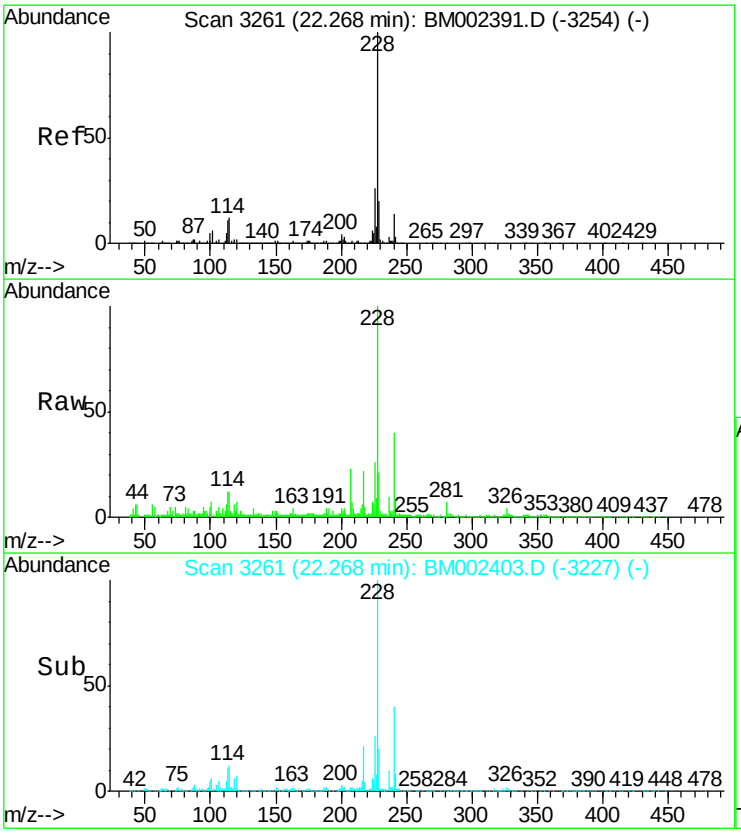
#19
Pyrene
Concen: 10.44 ng/ul
RT: 20.54 min Scan# 2968
Delta R.T. 0.01 min
Lab File: BM002403.D
Acq: 13 Aug 2015 18:24

Instrument :
BNA_M
ClientSampleId :
D9DE5

Tgt Ion:202 Resp: 477149

Ion	Ratio	Lower	Upper
202	100		
101	14.5	13.0	19.6
100	11.7	11.0	16.4

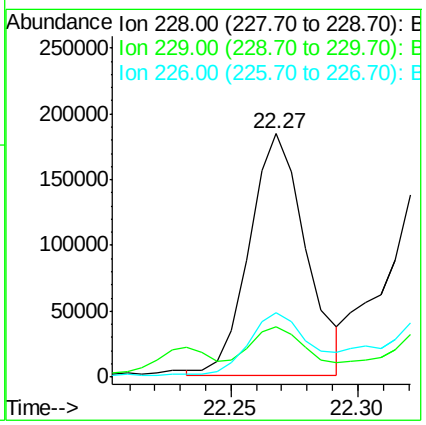


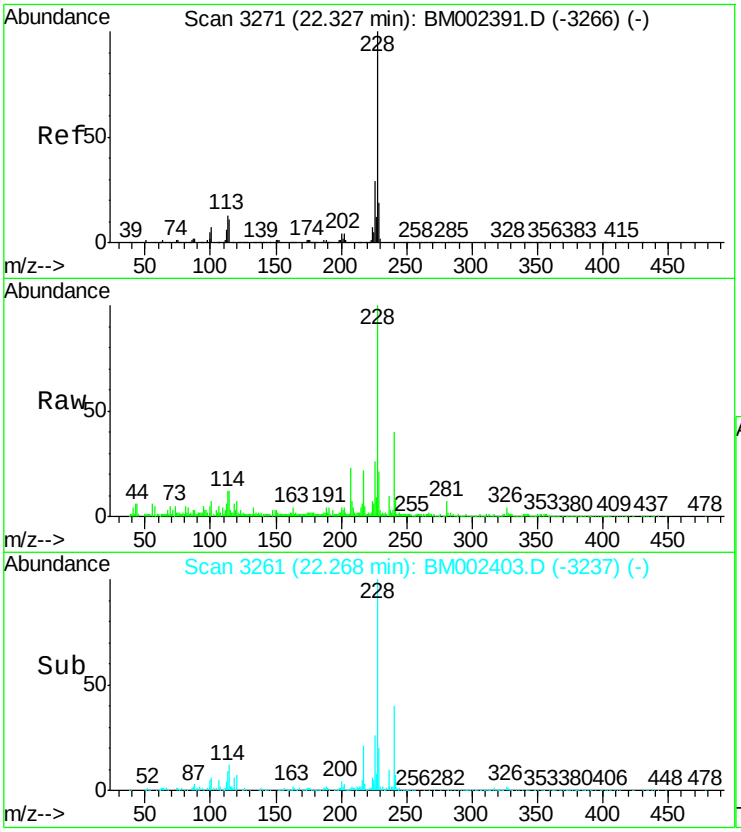


#20
Benzo(a)anthracene
Concen: 6.67 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BM002403.D
Acq: 13 Aug 2015 18:24

Tgt Ion:228 Resp: 287865

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.7	23.5
226	26.4	21.4	32.0



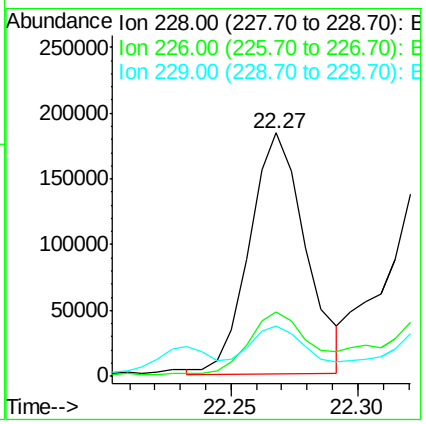


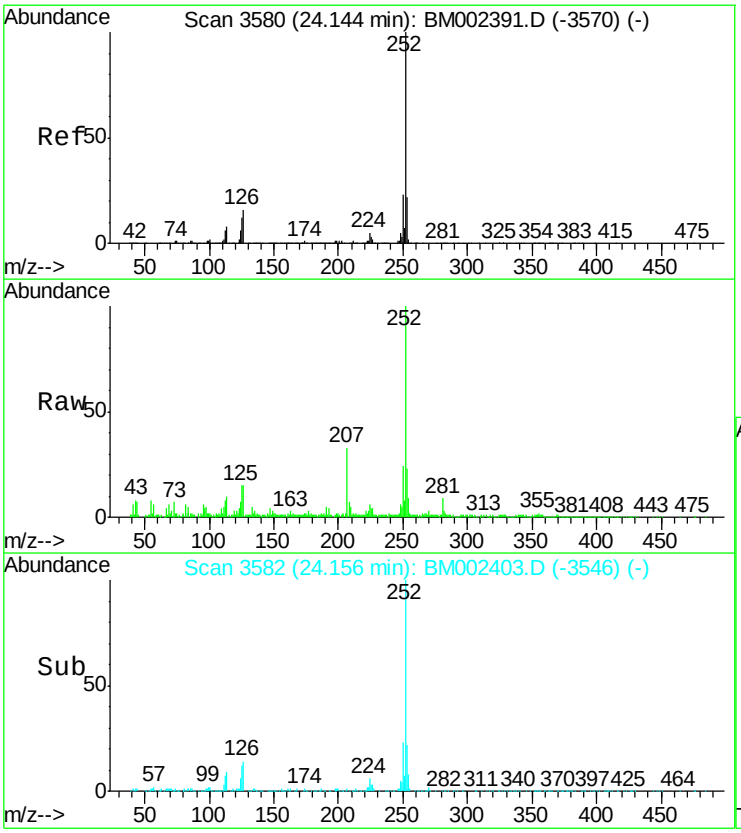
#21
Chrysene
Concen: 6.98 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.06 min
Lab File: BM002403.D
Acq: 13 Aug 2015 18:24

Instrument :
BNA_M
ClientSampleId :
D9DE5

Tgt Ion:228 Resp: 285753

Ion	Ratio	Lower	Upper
228	100		
226	26.4	23.4	35.0
229	20.9	15.5	23.3

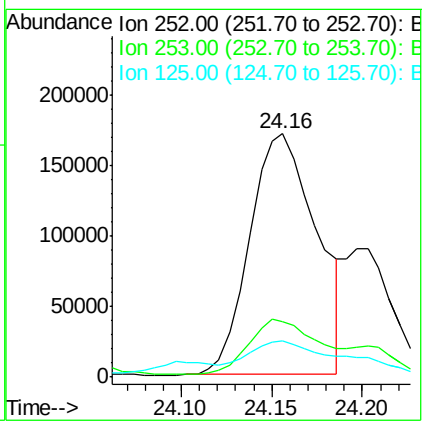


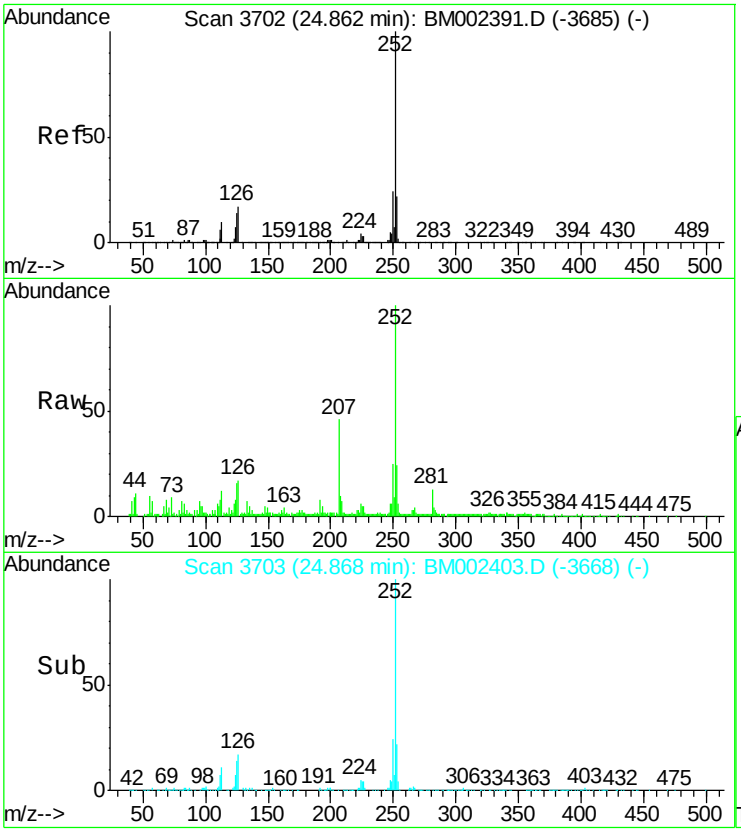


#23
Benzo(b)fluoranthene
Concen: 10.12 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. 0.01 min
Lab File: BM002403.D
Acq: 13 Aug 2015 18:24

Tgt Ion:252 Resp: 438946

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	15.0	10.3	15.5



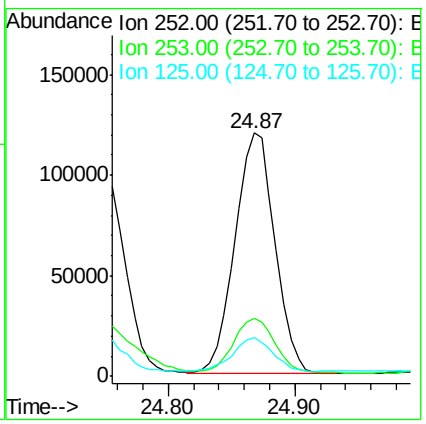


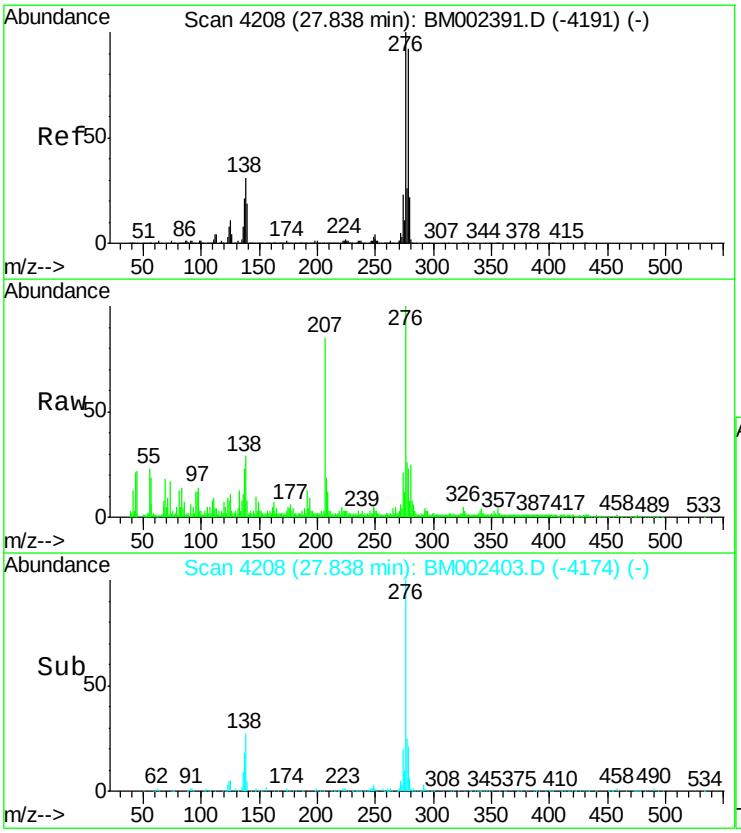
#26
Benzo(a)pyrene
Concen: 6.33 ng/ul
RT: 24.87 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BM002403.D
Acq: 13 Aug 2015 18:24

Instrument :
BNA_M
ClientSampleId :
D9DE5

Tgt Ion:252 Resp: 262893

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	16.0	11.0	16.6

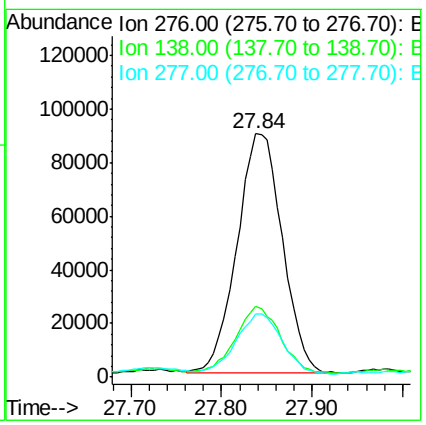


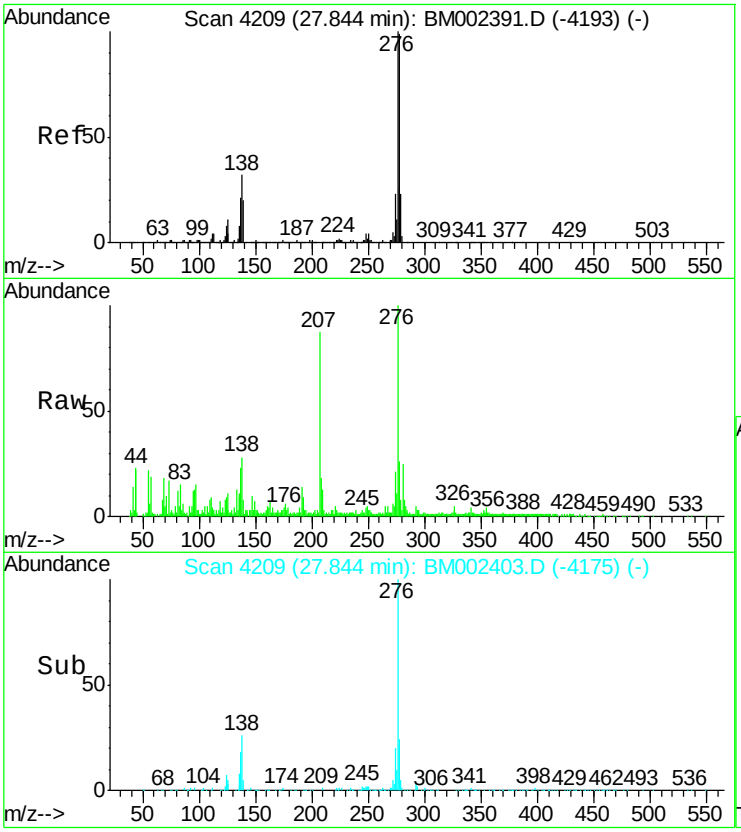


#27
Indeno(1,2,3-cd)pyrene
Concen: 6.52 ng/ul
RT: 27.84 min Scan# 4208
Delta R.T. -0.00 min
Lab File: BM002403.D
Acq: 13 Aug 2015 18:24

Tgt Ion:276 Resp: 310454

Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.6	38.4
277	26.2	21.0	31.4



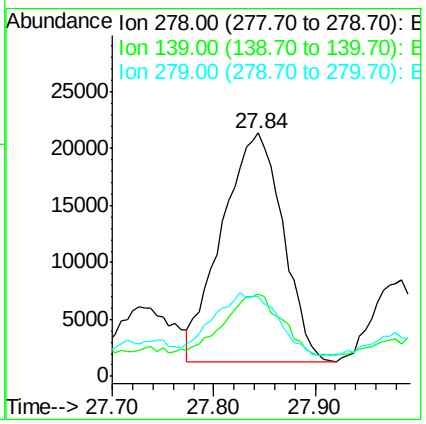


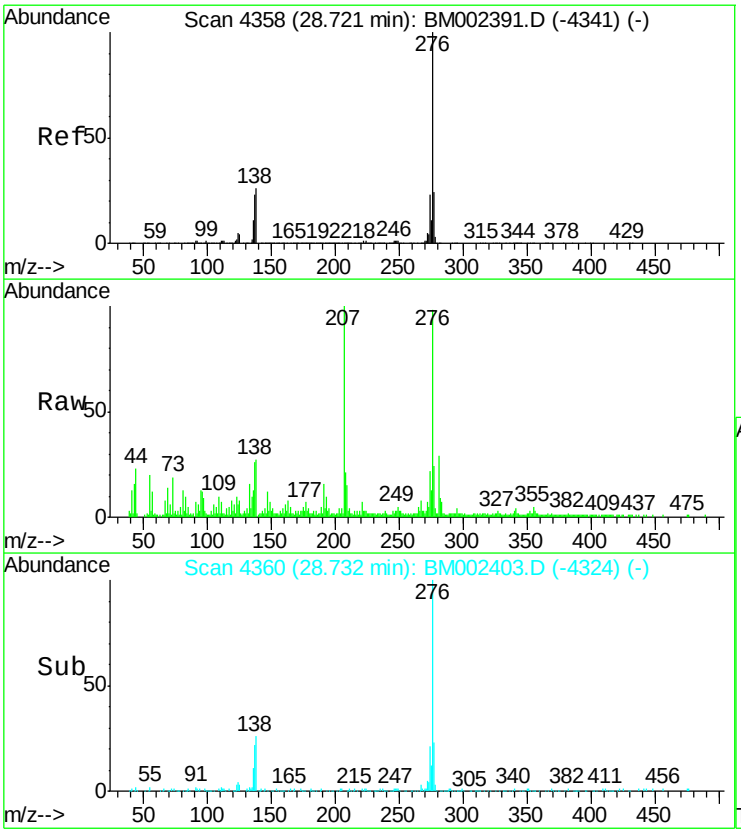
#28
Dibenzo(a,h)anthracene
Concen: 2.07 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. -0.00 min
Lab File: BM002403.D
Acq: 13 Aug 2015 18:24

Instrument :
BNA_M
ClientSampleId :
D9DE5

Tgt Ion:278 Resp: 83608

Ion	Ratio	Lower	Upper
278	100		
139	33.7	16.4	24.6#
279	32.7	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 4.81 ng/ul
RT: 28.73 min Scan# 4360
Delta R.T. 0.01 min
Lab File: BM002403.D
Acq: 13 Aug 2015 18:24

Tgt Ion:276 Resp: 192981

Ion	Ratio	Lower	Upper
276	100		
138	27.3	20.5	30.7
277	24.8	19.0	28.6