Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002273.D
Acq On : 08 Aug 2015 12:46
Operator : TP/UM
Sample : G3161-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9C50

Quant Time: Aug 09 05:33:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 09 05:31:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	292981	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1412836	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	742536	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1475295	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1282667	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	1074543	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	1115824	14.51	ng/ul	0.00
10) Fluorene-d10	16.47	176	722166	13.50	ng/ul	0.00
14) Anthracene-d10	18.30	188	1009579	14.10	ng/ul	0.00
18) Pyrene-d10	20.52	212	974522	15.67	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	723093	12.67	ng/ul	0.00
Target Compounds						Qvalue
4) 2-Methylnaphthalene	13.39	142	82659	1.56	ng/ul	97
5) 1-Methylnaphthalene	13.39	142	82659	1.58	ng/ul	95
13) Phenanthrene	18.25	178	97169	1.14	ng/ul	99
15) Anthracene	18.25	178	98105	1.12	ng/ul	99
16) Fluoranthene	20.19	202	162351	1.73	ng/ul	99
19) Pyrene	20.55	202	159412	1.92	ng/ul	98
20) Benzo(a)anthracene	22.27	228	162097	2.07	ng/ul	96
21) Chrysene	22.27	228	161396	2.18	ng/ul	97
23) Benzo(b)fluoranthene	24.16	252	269214	4.03	ng/ul	99
26) Benzo(a)pyrene	24.87	252	164362	2.57	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.83	276	136184	1.86	ng/ul	95
29) Benzo(g,h,i)perylene	28.72	276	132283	2.14	ng/ul	95

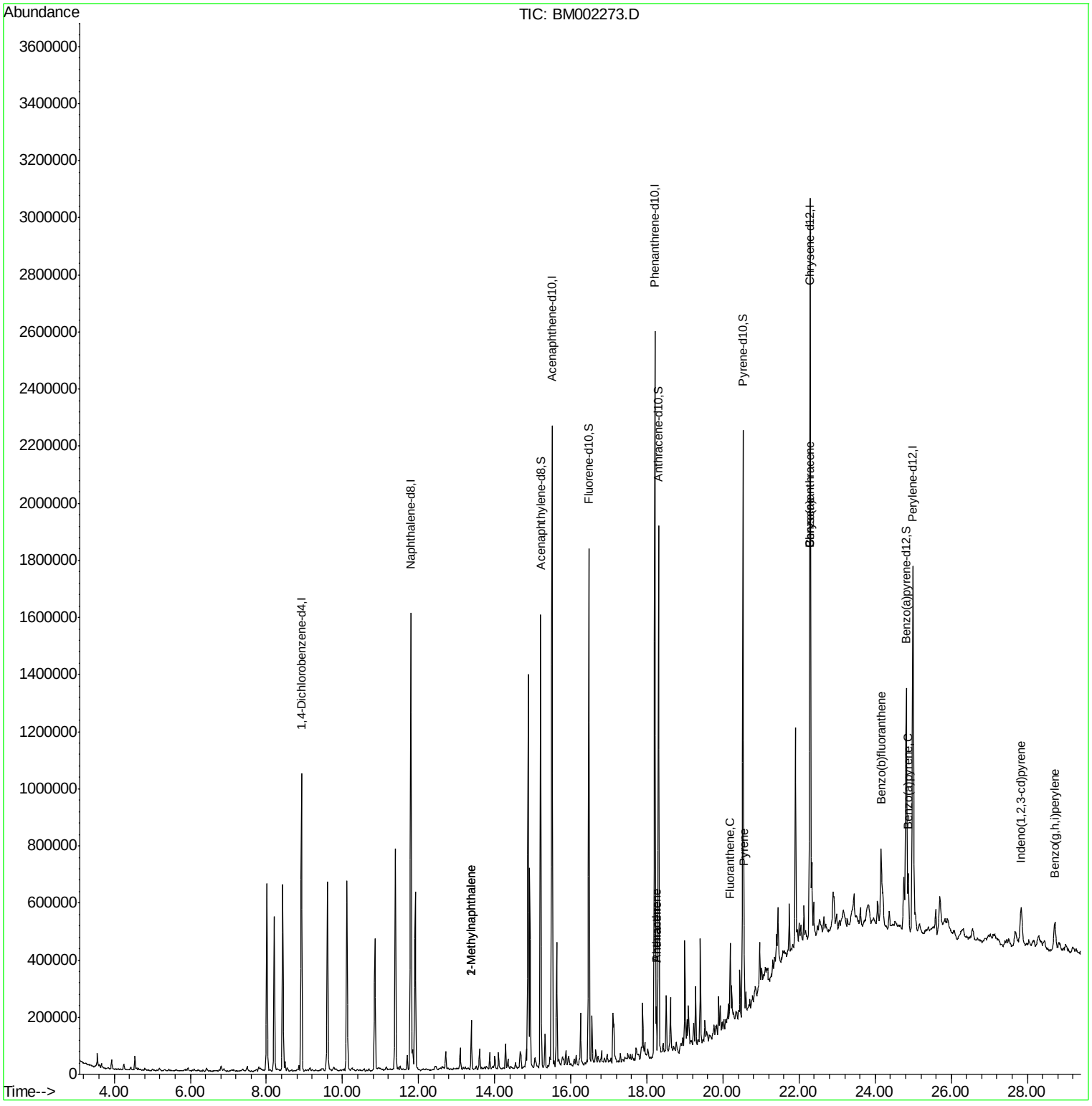
(#) = qualifier out of range (m) = manual integration (+) = signals summed

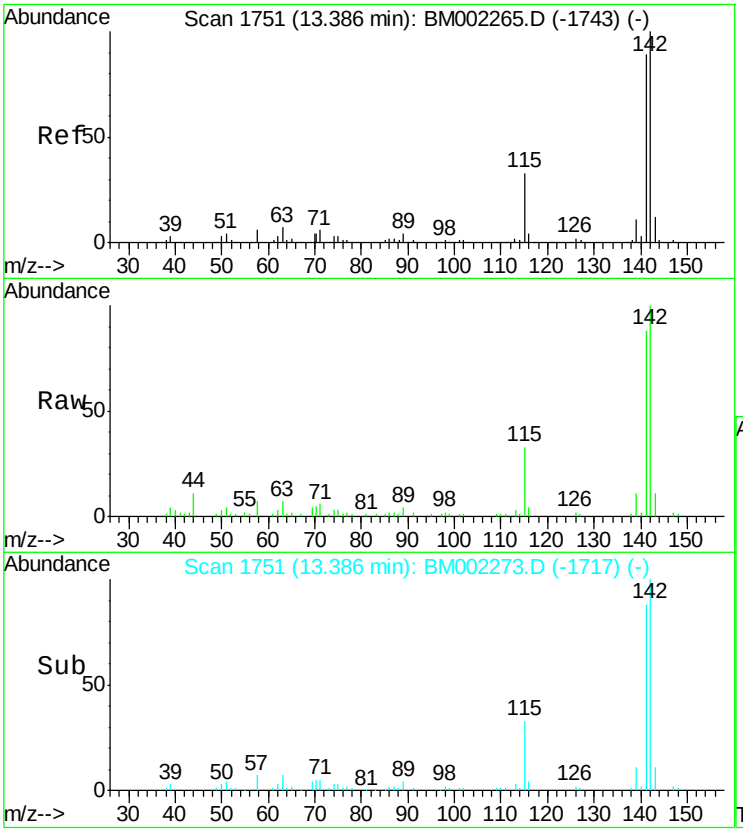
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002273.D
Acq On : 08 Aug 2015 12:46
Operator : TP/UM
Sample : G3161-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C50

Quant Time: Aug 09 05:33:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 09 05:31:20 2015
Response via : Initial Calibration



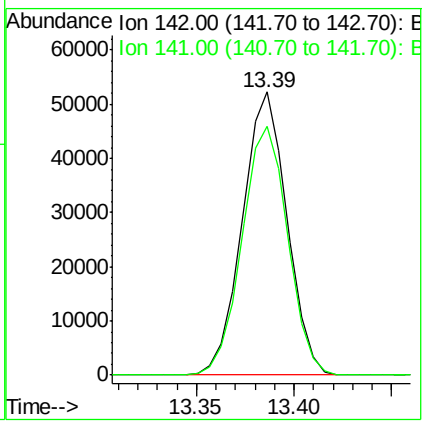


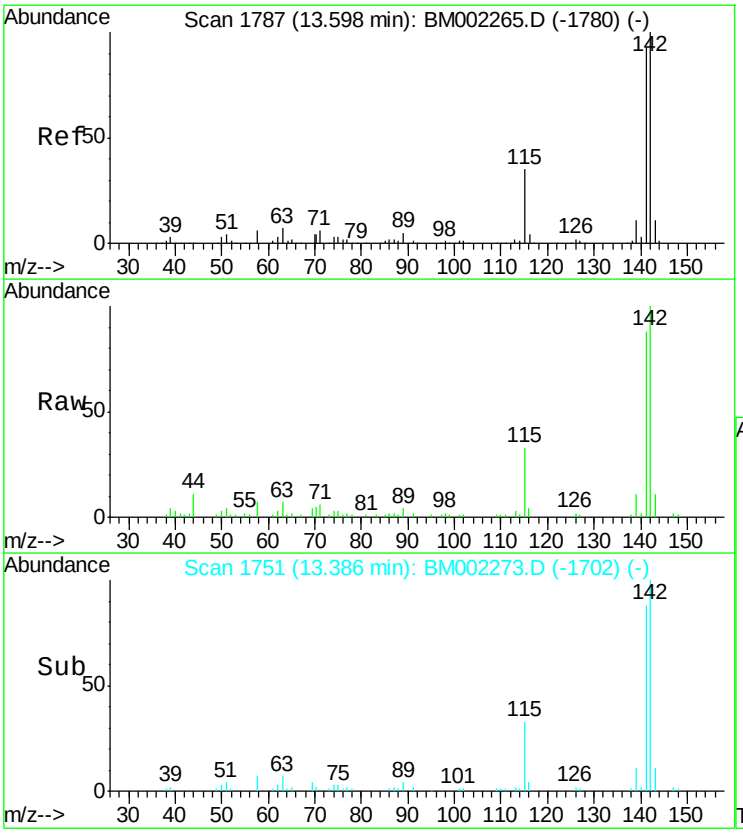
#4
2-Methylnaphthalene
Concen: 1.56 ng/ul
RT: 13.39 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Instrument :
BNA_M
ClientSampleId :
D9C50

Tgt Ion:142 Resp: 82659

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.5	108.7

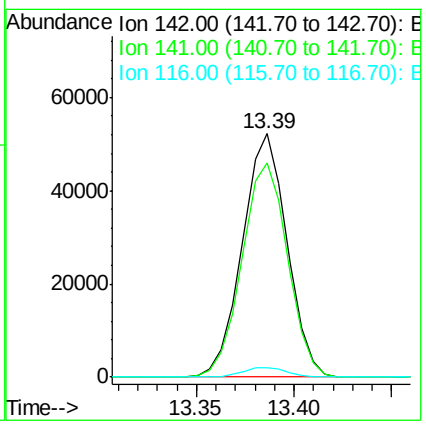


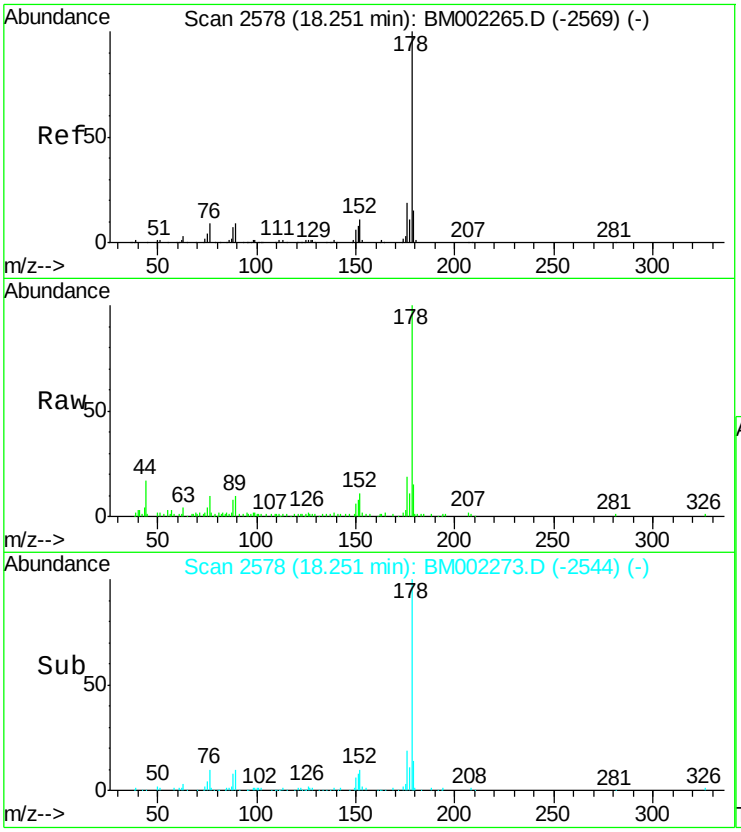


#5
1-Methylnaphthalene
Concen: 1.58 ng/ul
RT: 13.39 min Scan# 1751
Delta R.T. -0.21 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Tgt Ion:142 Resp: 82659

Ion	Ratio	Lower	Upper
142	100		
141	88.1	74.5	111.7
116	3.9	3.0	4.4



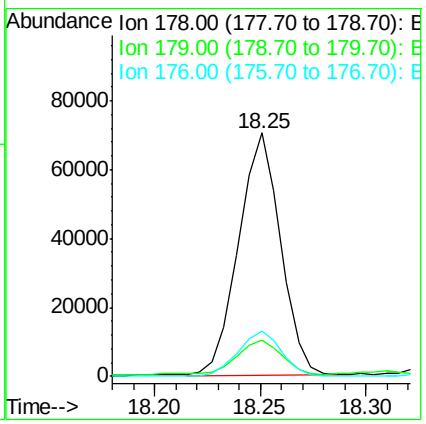


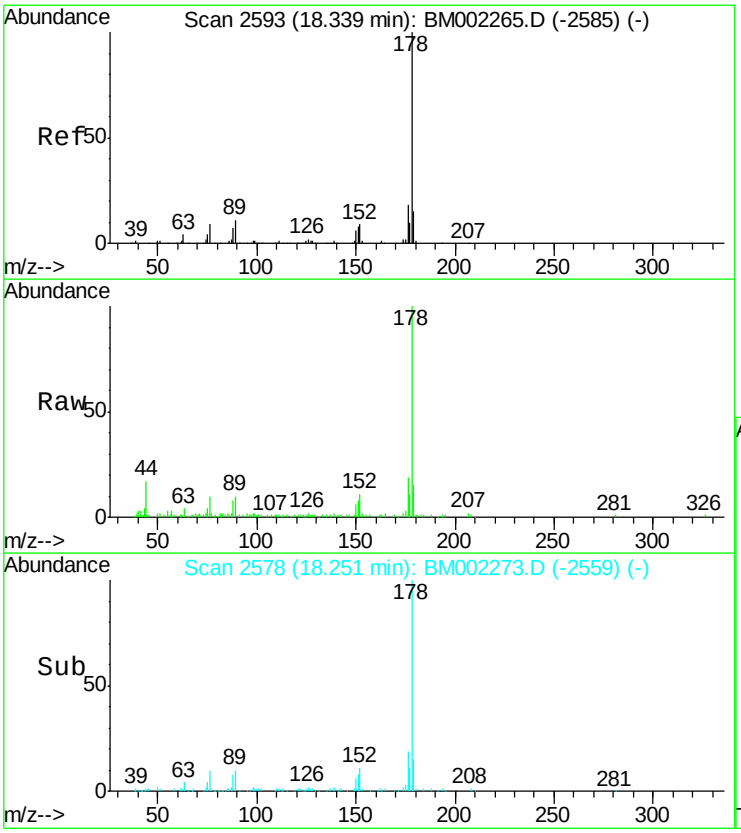
#13
Phenanthrene
Concen: 1.14 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. -0.00 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Instrument :
BNA_M
ClientSampleId :
D9C50

Tgt Ion:178 Resp: 97169

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	18.7	15.3	22.9

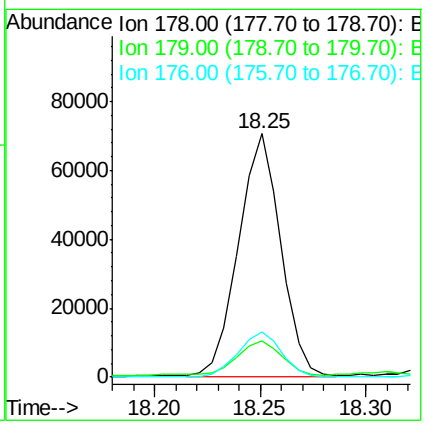


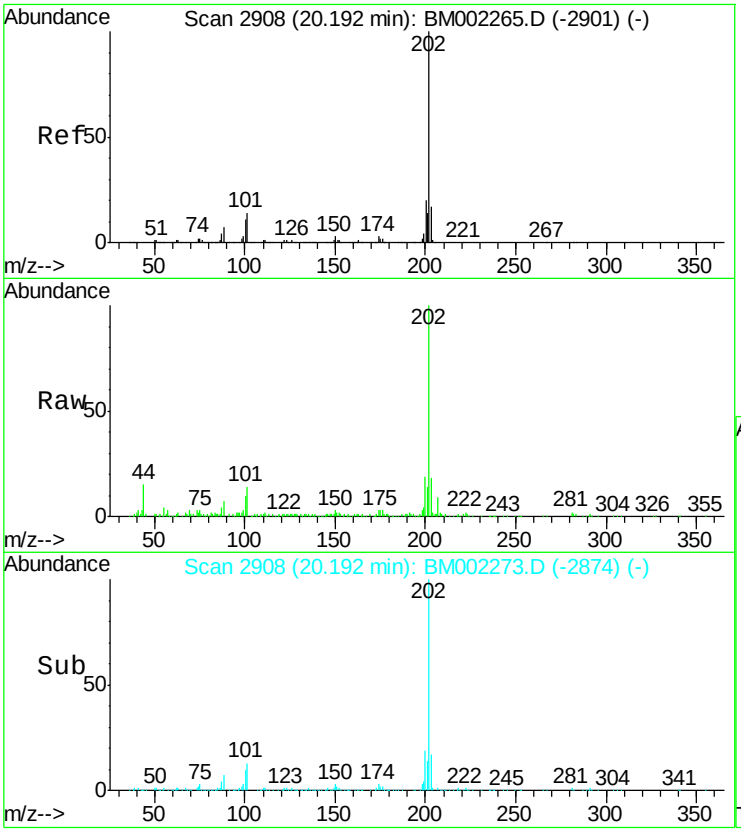


#15
Anthracene
Concen: 1.12 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. -0.09 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Tgt Ion:178 Resp: 98105

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	18.7	14.5	21.7



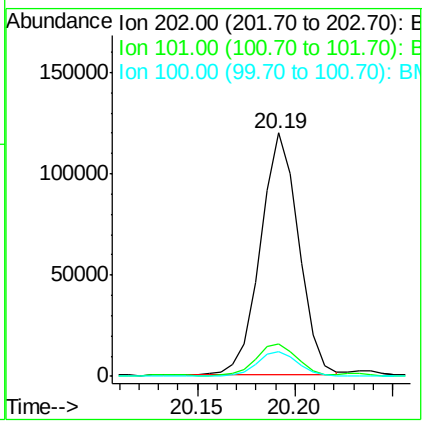


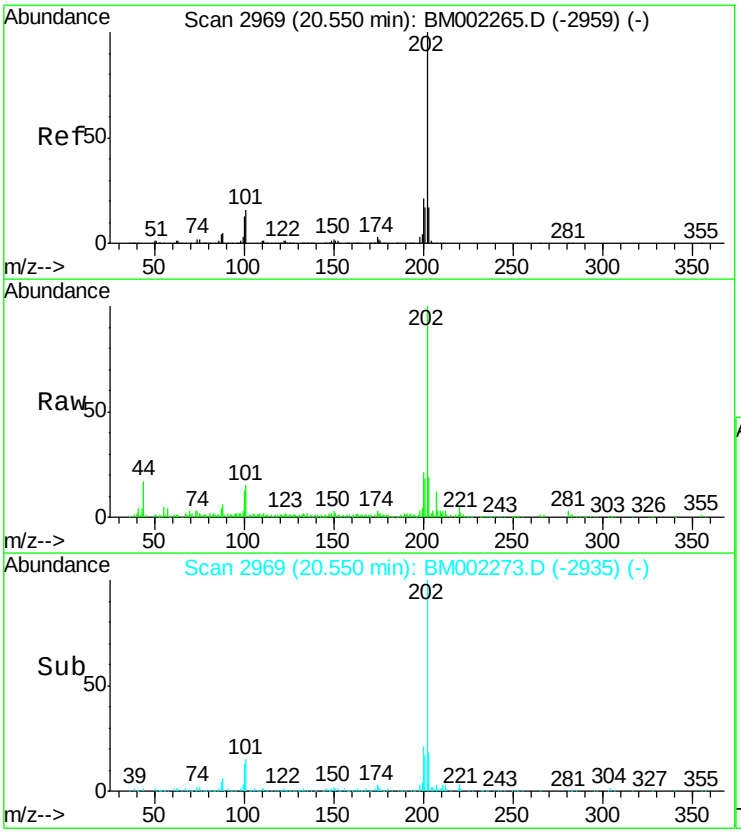
#16
Fluoranthene
Concen: 1.73 ng/ul
RT: 20.19 min Scan# 2908
Delta R.T. -0.00 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Instrument :
BNA_M
ClientSampleId :
D9C50

Tgt Ion:202 Resp: 162351

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	15.8
100	10.2	8.2	12.4

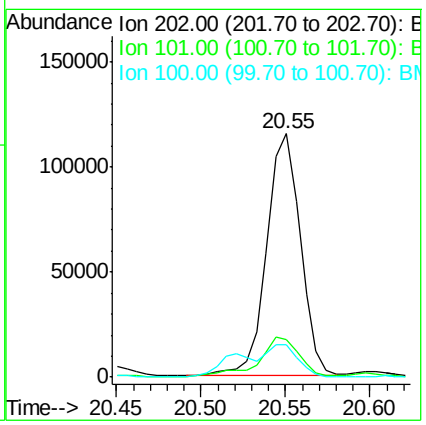


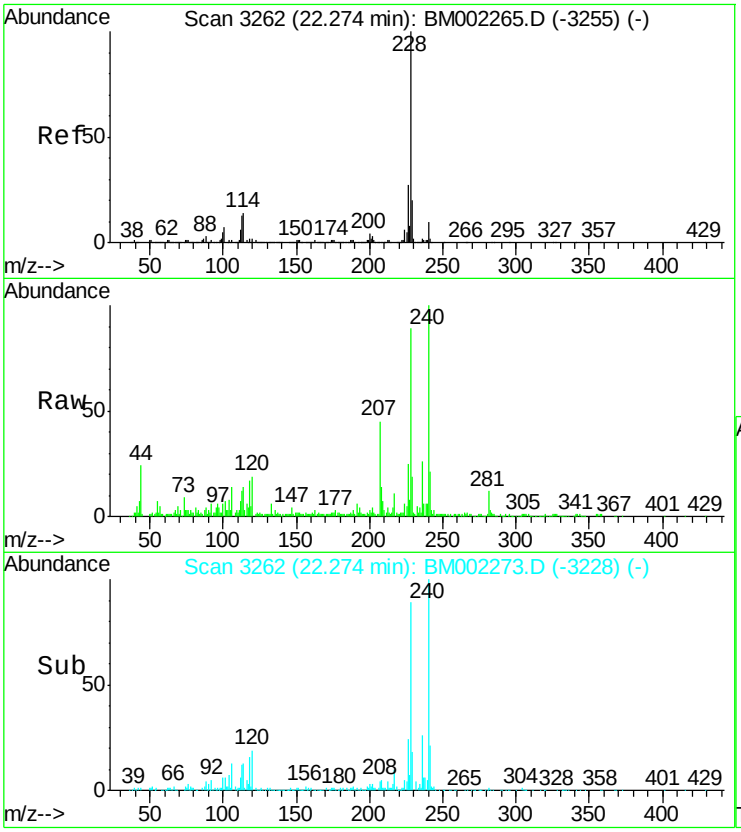


#19
Pyrene
Concen: 1.92 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Tgt Ion:202 Resp: 159412

Ion	Ratio	Lower	Upper
202	100		
101	15.5	13.0	19.6
100	13.1	11.0	16.4



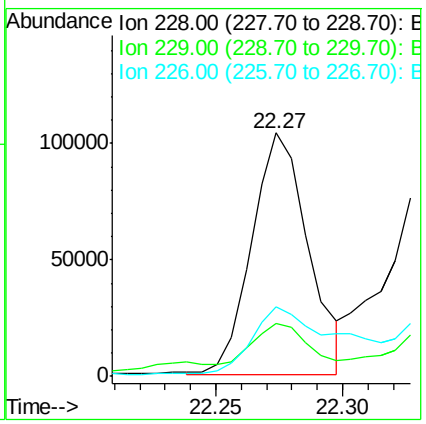


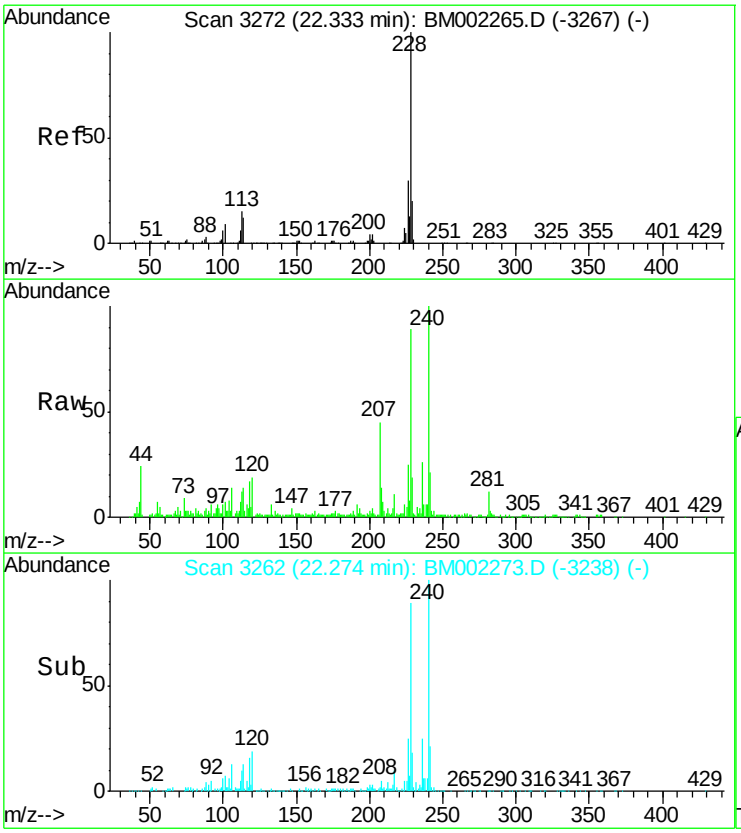
#20
Benzo(a)anthracene
Concen: 2.07 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. -0.00 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Instrument :
BNA_M
ClientSampleId :
D9C50

Tgt Ion:228 Resp: 162097

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	28.3	21.4	32.0

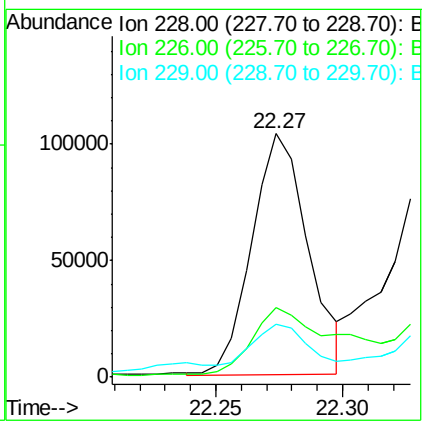


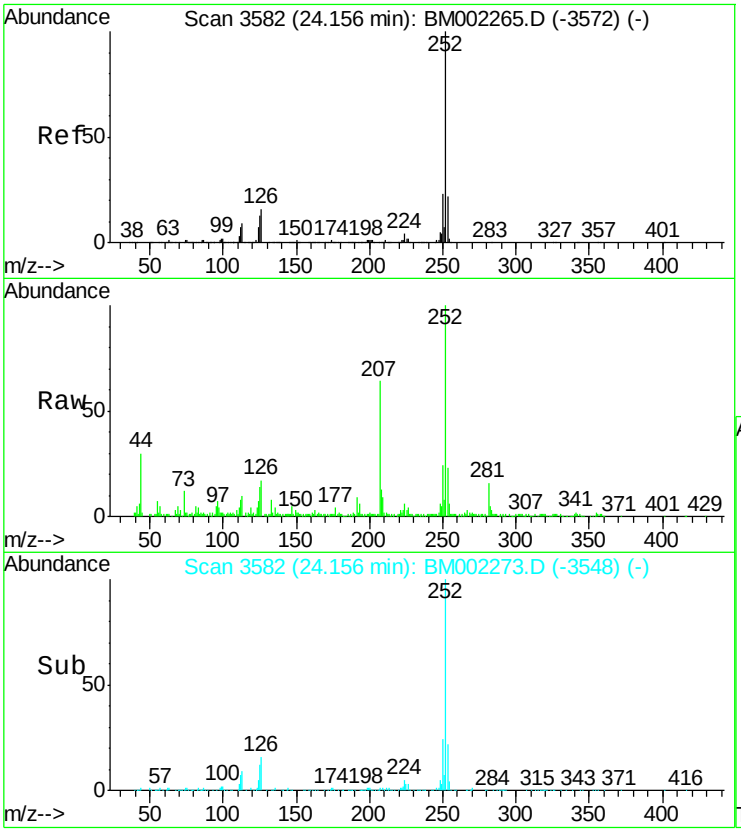


#21
Chrysene
Concen: 2.18 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. -0.06 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Tgt Ion:228 Resp: 161396

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.0
229	21.5	15.5	23.3



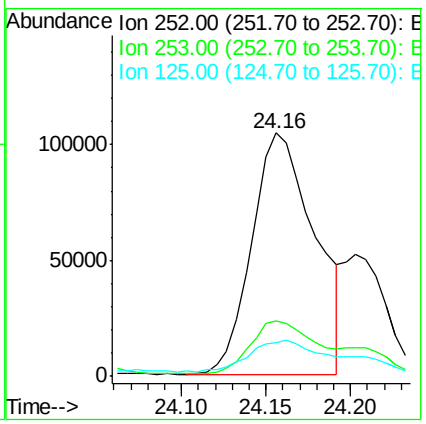


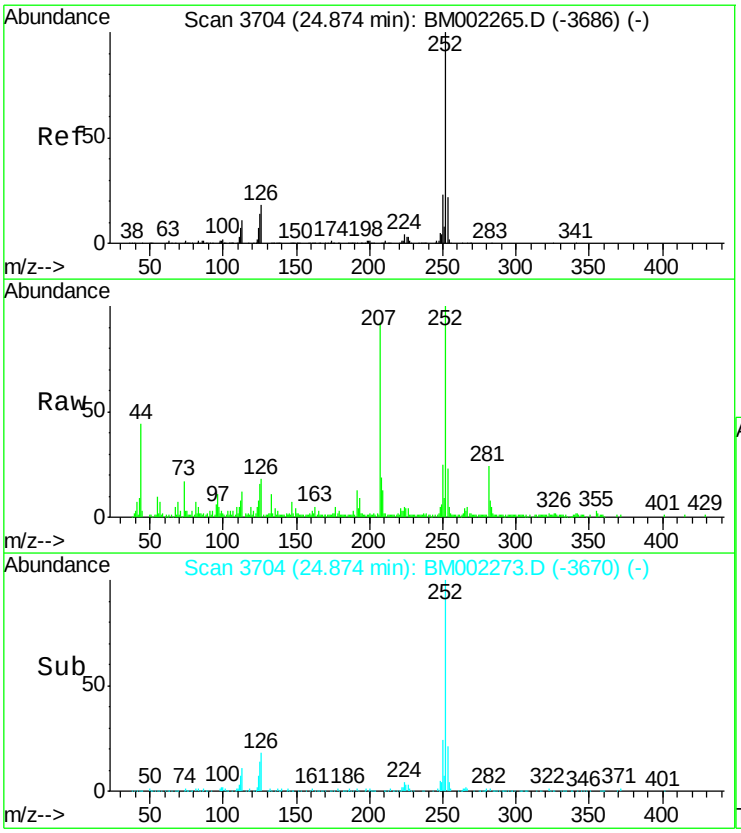
#23
Benzo(b)fluoranthene
Concen: 4.03 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. 0.00 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Instrument :
BNA_M
ClientSampleId :
D9C50

Tgt Ion:252 Resp: 269214

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	14.0	10.3	15.5

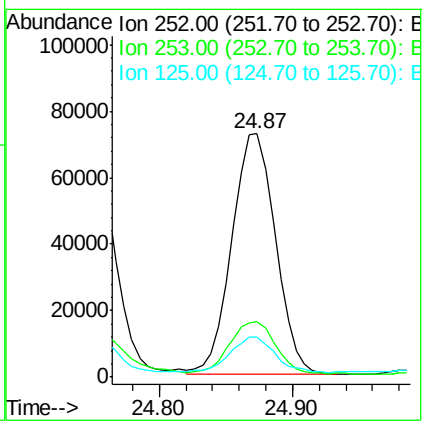


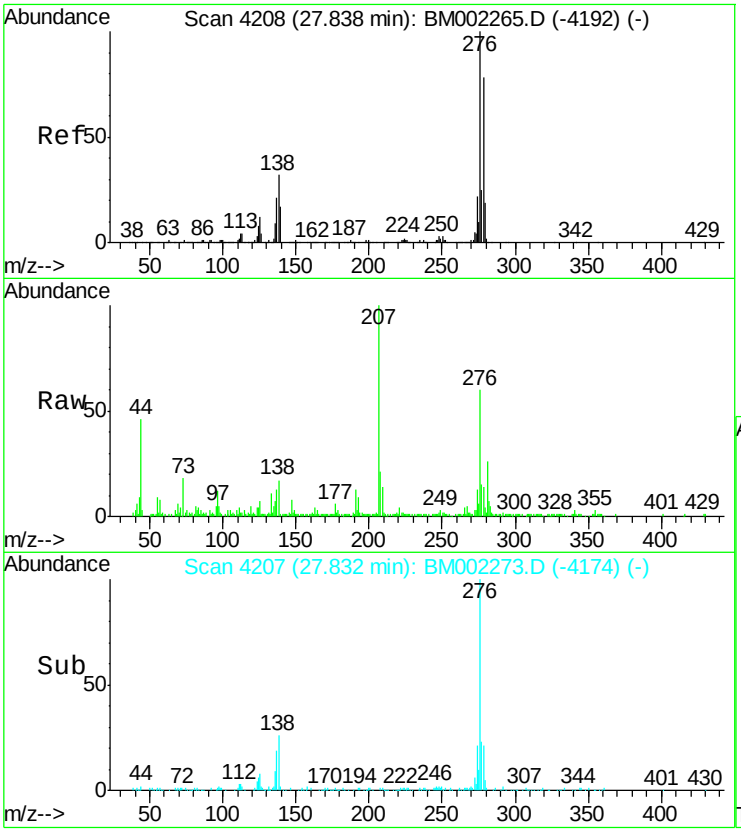


#26
Benzo(a)pyrene
Concen: 2.57 ng/ul
RT: 24.87 min Scan# 3704
Delta R.T. 0.00 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Tgt Ion:252 Resp: 164362

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	16.3	11.0	16.6



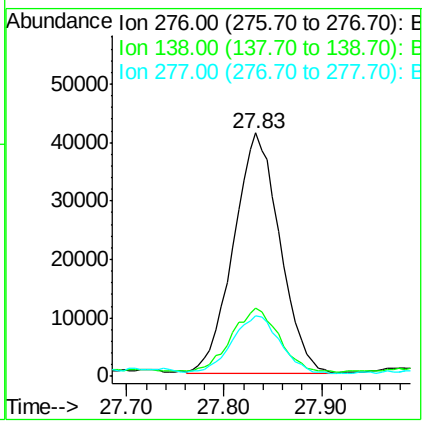


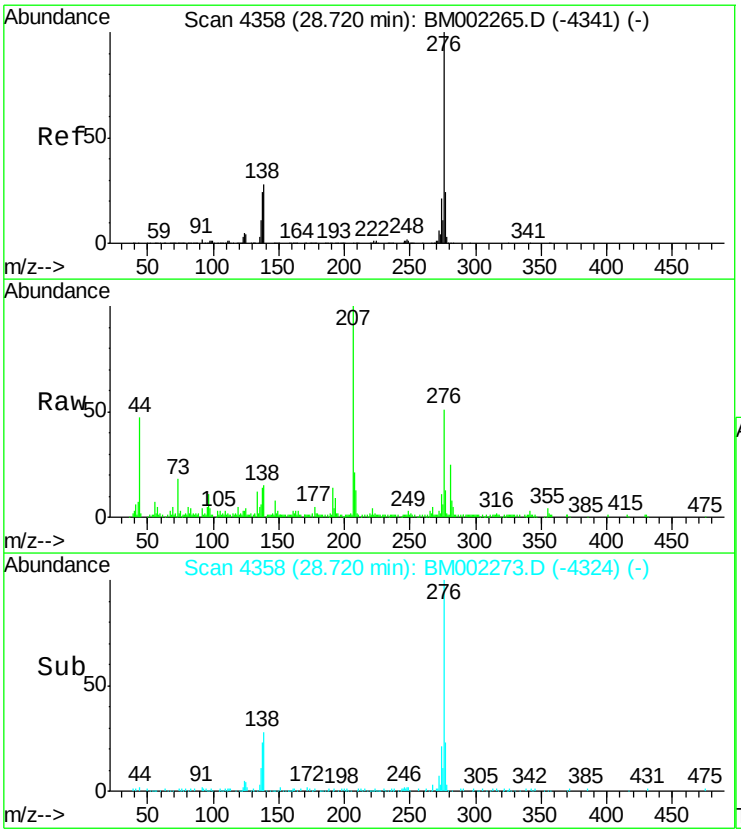
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.86 ng/ul
RT: 27.83 min Scan# 4207
Delta R.T. -0.01 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Instrument :
BNA_M
ClientSampleId :
D9C50

Tgt Ion:276 Resp: 136184

Ion	Ratio	Lower	Upper
276	100		
138	27.9	25.6	38.4
277	24.7	21.0	31.4





#29
Benzo(g,h,i)perylene
Concen: 2.14 ng/ul
RT: 28.72 min Scan# 4358
Delta R.T. -0.00 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Tgt Ion:276 Resp: 132283

Ion	Ratio	Lower	Upper
276	100		
138	29.2	20.5	30.7
277	24.8	19.0	28.6