Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002565.D
Acq On : 29 Aug 2015 15:28
Operator : UM/IZ
Sample : G3455-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9E73

Quant Time: Aug 31 01:11:29 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	131522	20.00	ng/ul	0.00
2) Naphthalene-d8	11.64	136	617213	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.36	164	332838	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	654997	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	491338	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	438504	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	746360	21.93	ng/ul	0.00
10) Fluorene-d10	16.33	176	489450	20.48	ng/ul	0.00
14) Anthracene-d10	18.17	188	797041	25.23	ng/ul	0.00
18) Pyrene-d10	20.40	212	513264	23.57	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	457473	19.86	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	132677	3.51	ng/ul	99
16) Fluoranthene	20.07	202	284234	6.64	ng/ul	99
19) Pyrene	20.42	202	233241	8.10	ng/ul	97
20) Benzo(a)anthracene	22.14	228	109211	3.72	ng/ul	99
21) Chrysene	22.19	228	118011	4.29	ng/ul	97
23) Benzo(b)fluoranthene	23.96	252	193901	7.31	ng/ul	98
26) Benzo(a)pyrene	24.66	252	143512	5.67	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.53	276	135174	4.64	ng/ul	94
28) Dibenzo(a,h)anthracene	27.53	278	30578	1.26	ng/ul#	77
29) Benzo(g,h,i)perylene	28.39	276	148329	6.12	ng/ul	99

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

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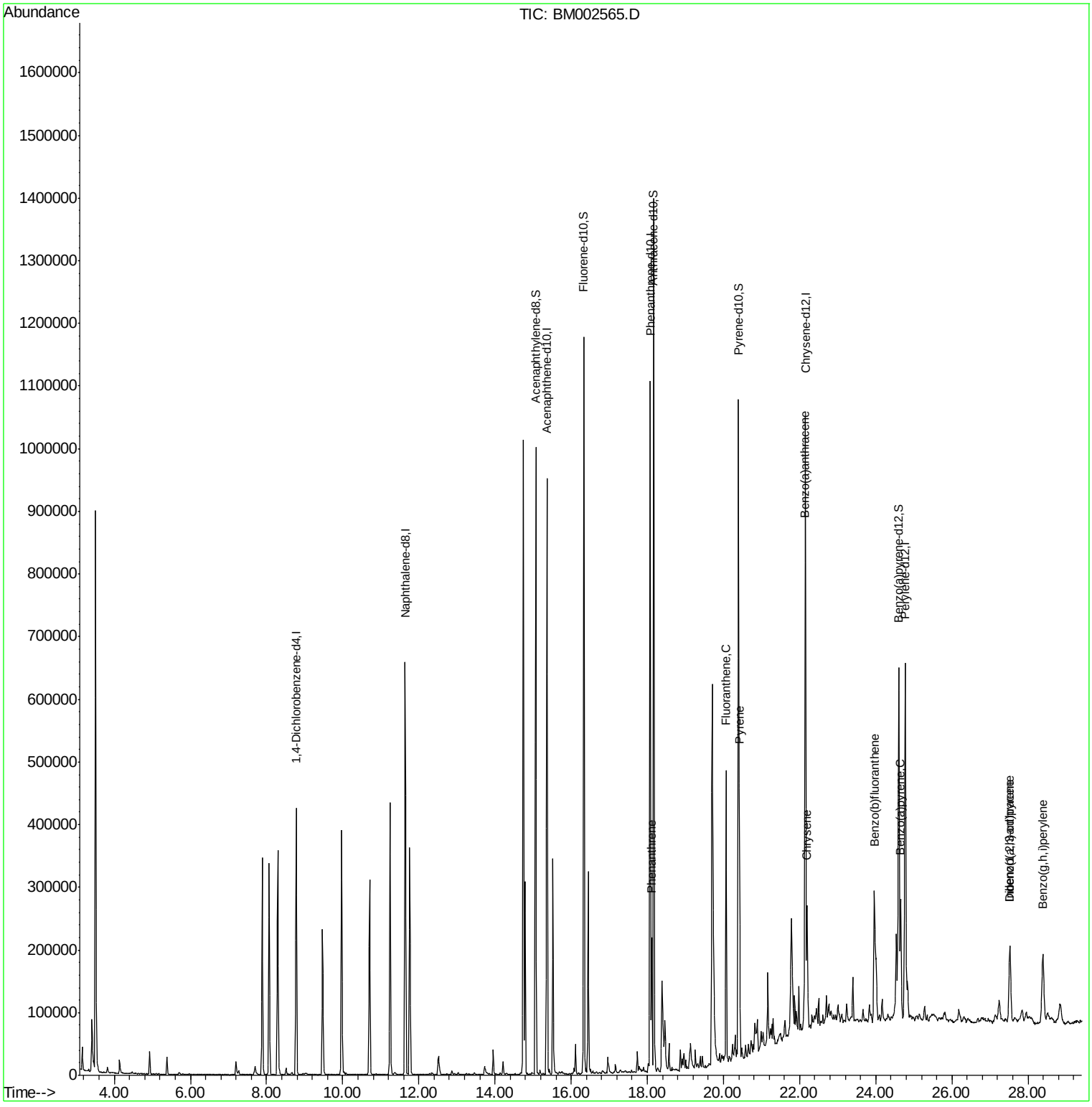
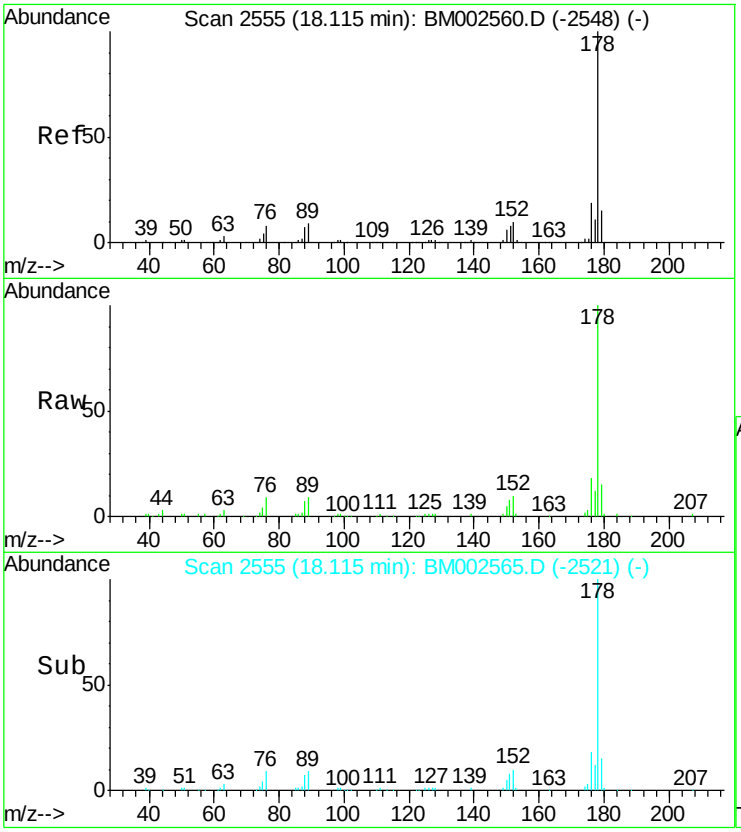
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration



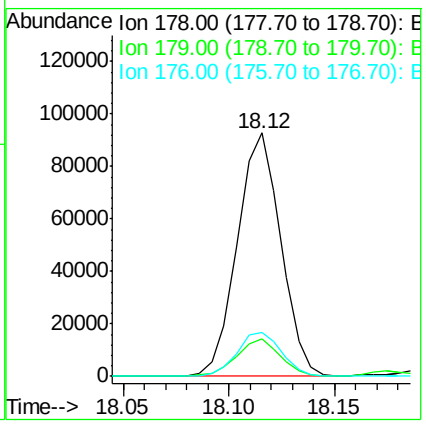


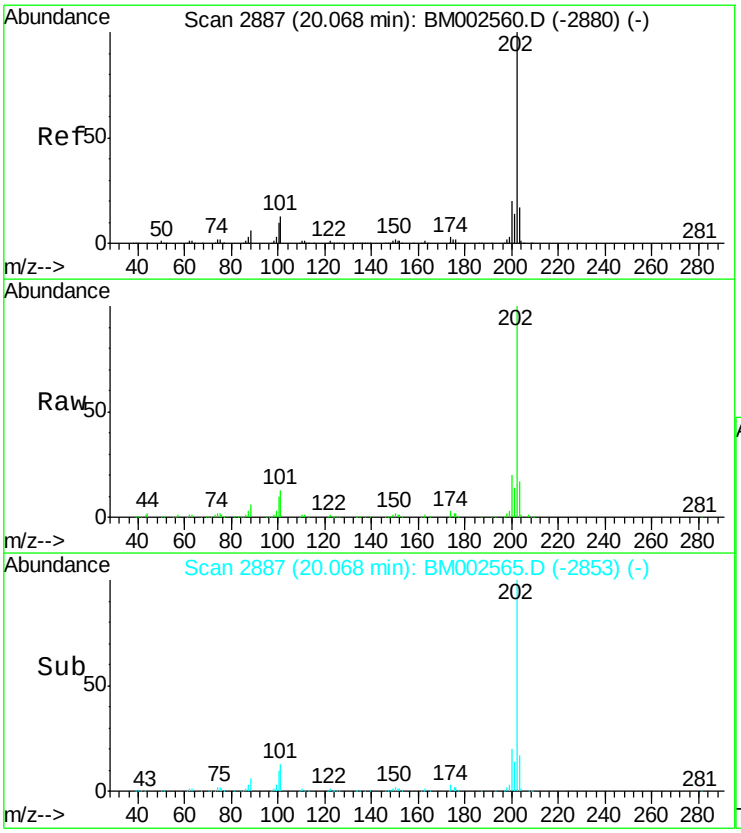
#13
Phenanthrene
Concen: 3.51 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BM002565.D
Acq: 29 Aug 2015 15:28

Instrument :
BNA_M
ClientSampleId :
D9E73

Tgt Ion:178 Resp: 132677

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.2	15.1	22.7

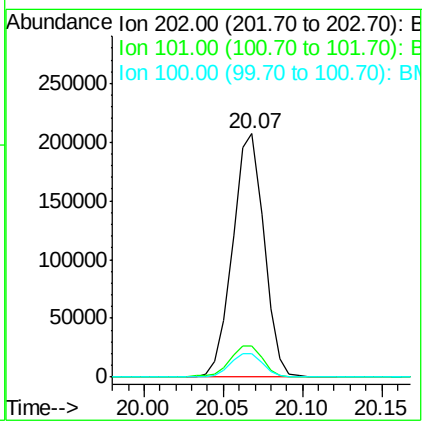


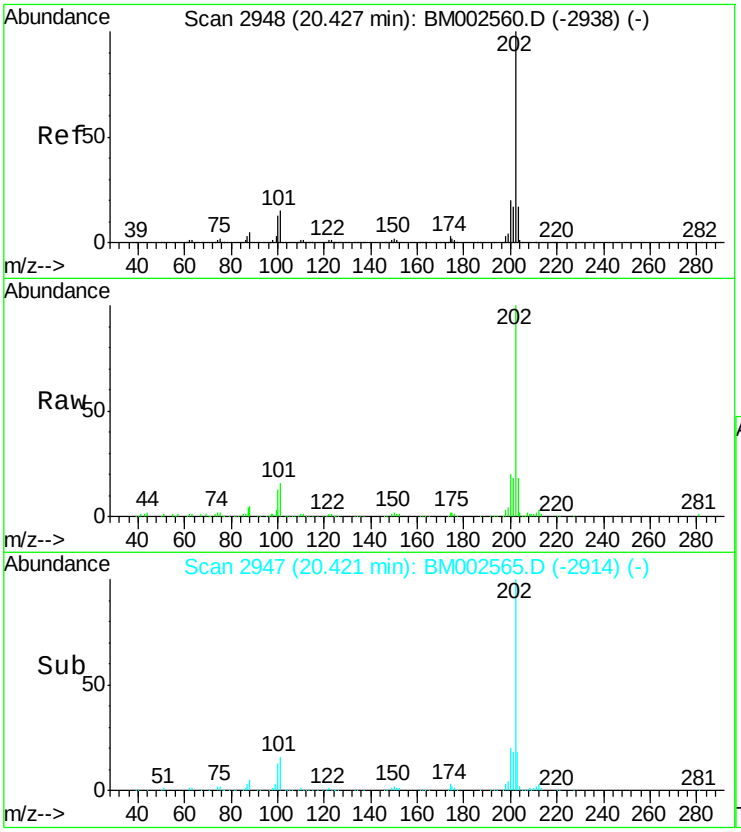


#16
Fluoranthene
Concen: 6.64 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM002565.D
Acq: 29 Aug 2015 15:28

Tgt Ion:202 Resp: 284234

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.7	14.5
100	9.7	7.4	11.2



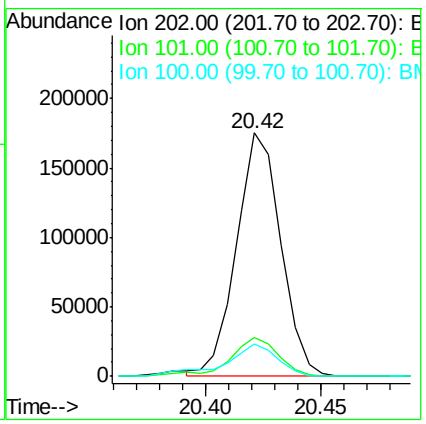


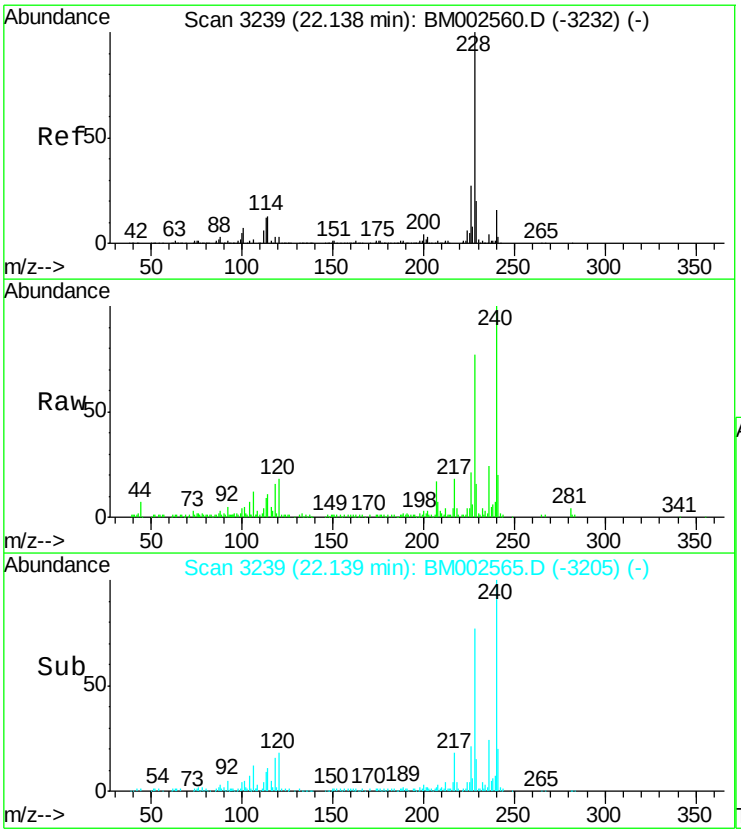
#19
Pyrene
Concen: 8.10 ng/ul
RT: 20.42 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BM002565.D
Acq: 29 Aug 2015 15:28

Instrument :
BNA_M
ClientSampleId :
D9E73

Tgt Ion:202 Resp: 233241

Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.0	18.0
100	13.4	9.7	14.5

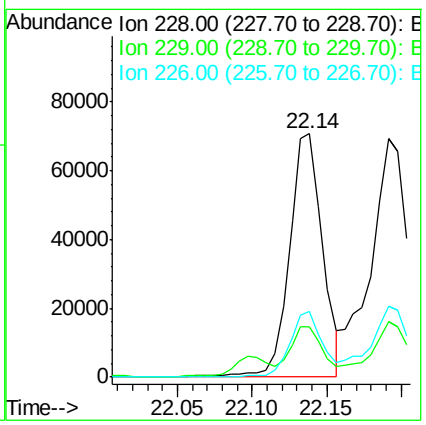


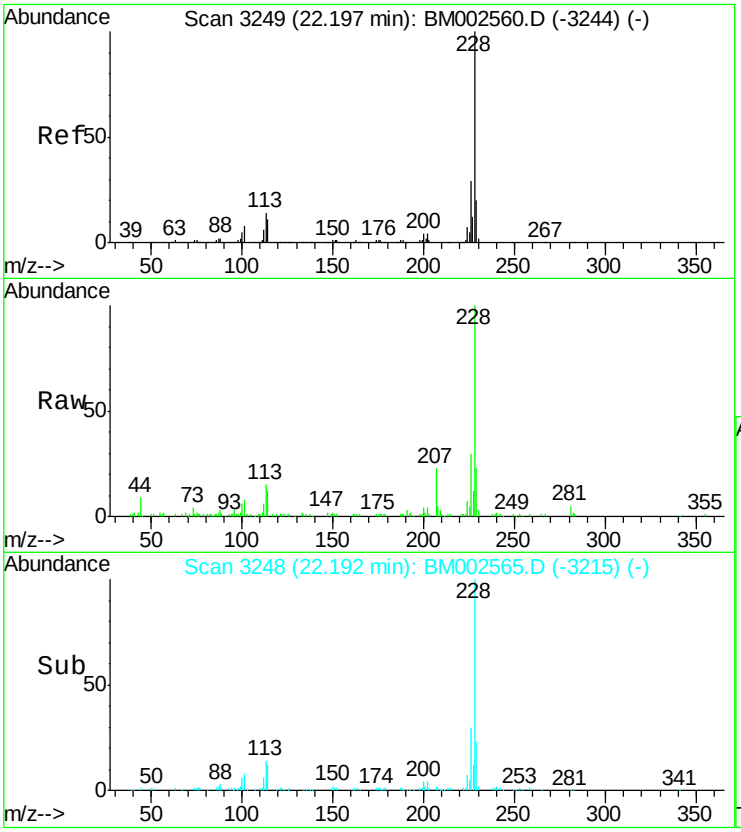


#20
Benzo(a)anthracene
Concen: 3.72 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BM002565.D
Acq: 29 Aug 2015 15:28

Tgt Ion:228 Resp: 109211

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	27.1	21.1	31.7



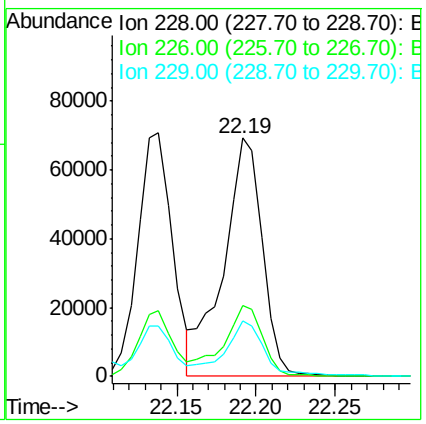


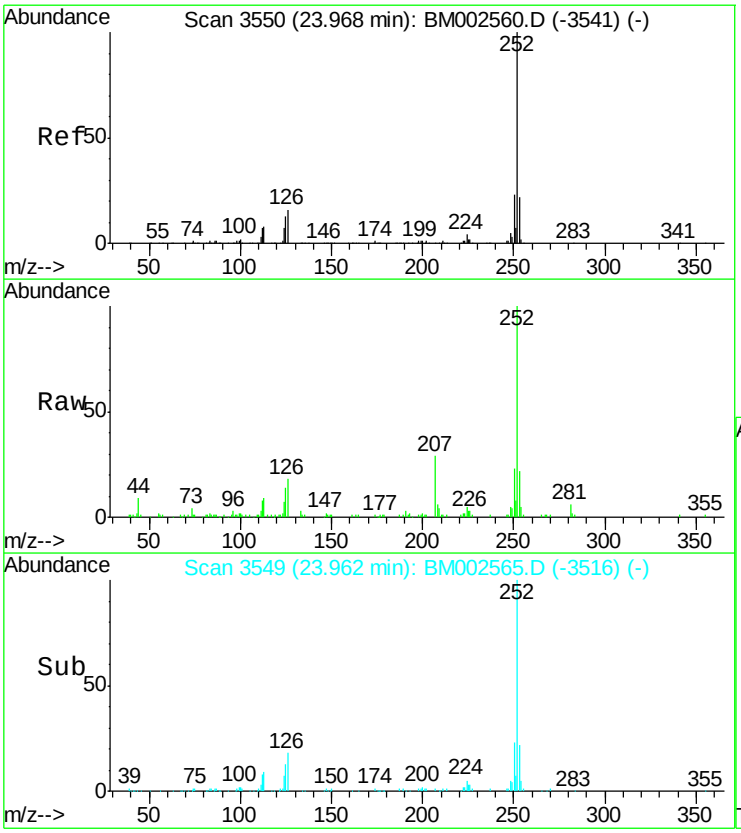
#21
Chrysene
Concen: 4.29 ng/ul
RT: 22.19 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BM002565.D
Acq: 29 Aug 2015 15:28

Instrument :
BNA_M
ClientSampleId :
D9E73

Tgt Ion:228 Resp: 118011

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	23.2	15.7	23.5

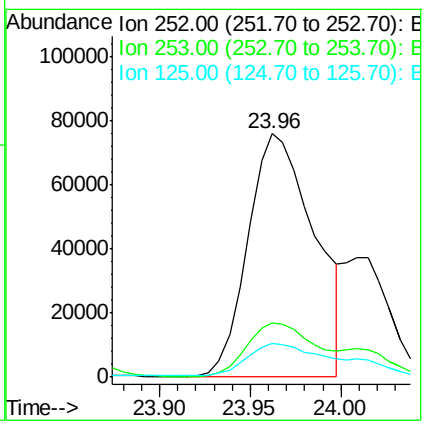


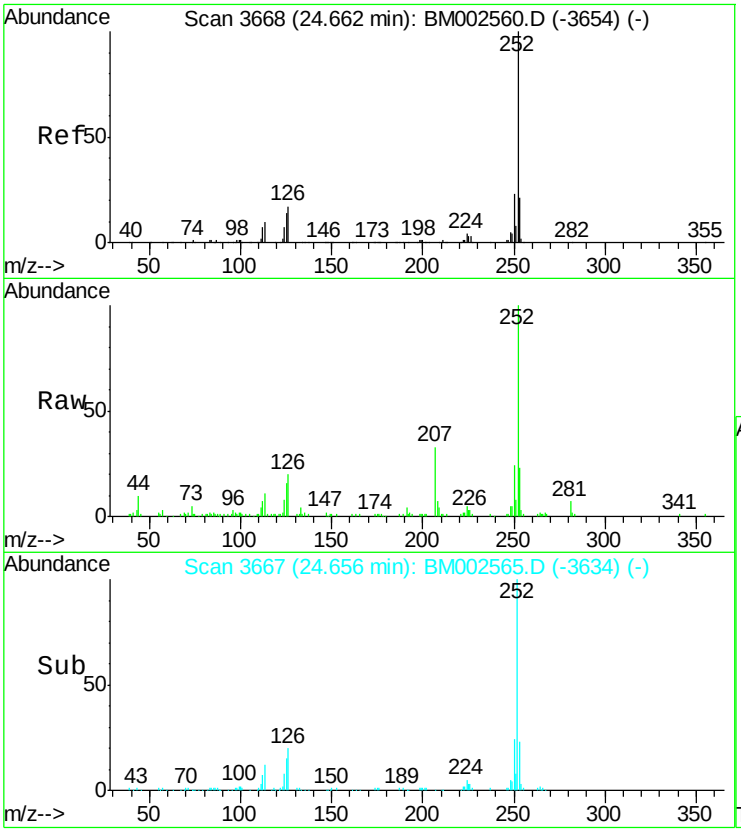


#23
Benzo(b)fluoranthene
Concen: 7.31 ng/ul
RT: 23.96 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM002565.D
Acq: 29 Aug 2015 15:28

Tgt Ion:252 Resp: 193901

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	13.8	10.0	15.0



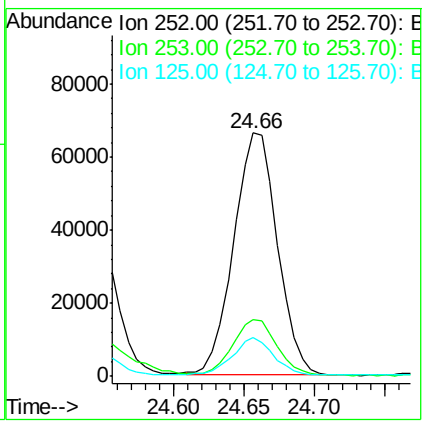


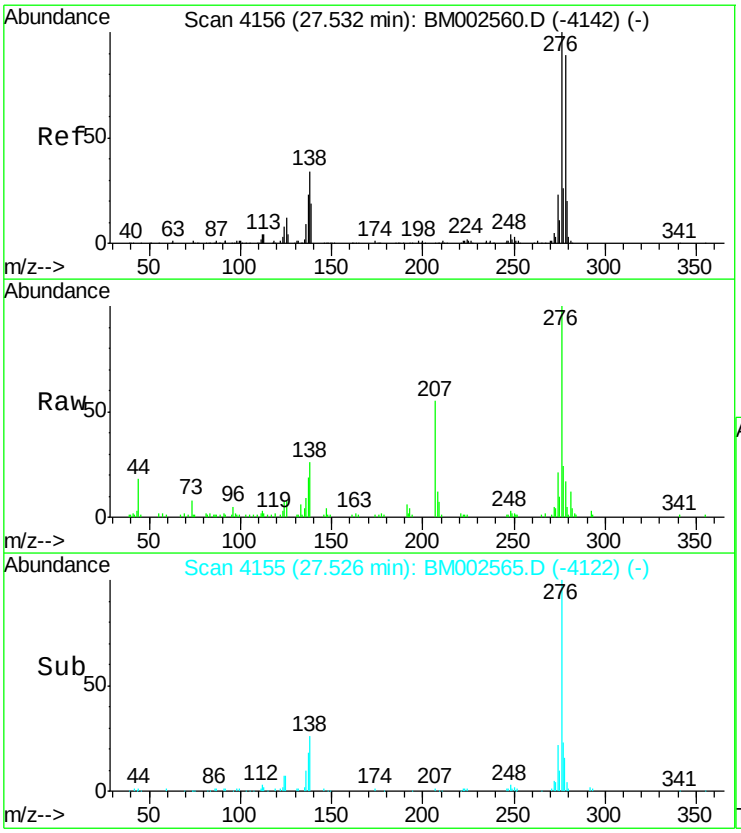
#26
Benzo(a)pyrene
Concen: 5.67 ng/ul
RT: 24.66 min Scan# 3667
Delta R.T. -0.01 min
Lab File: BM002565.D
Acq: 29 Aug 2015 15:28

Instrument :
BNA_M
ClientSampleId :
D9E73

Tgt Ion:252 Resp: 143512

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	15.9	10.7	16.1

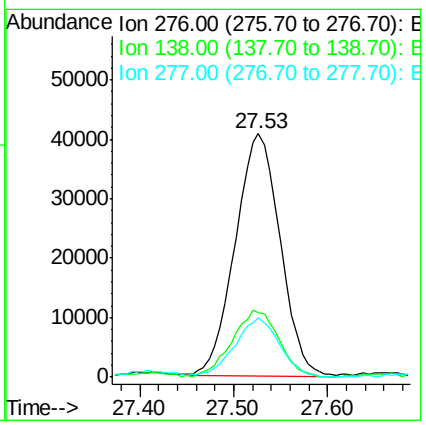


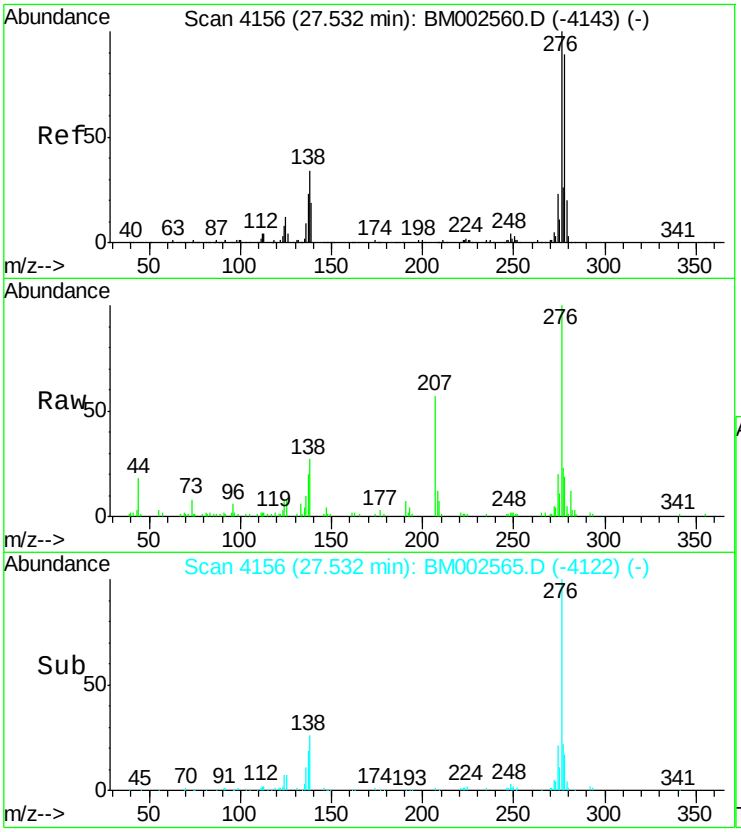


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.64 ng/ul
RT: 27.53 min Scan# 4155
Delta R.T. -0.01 min
Lab File: BM002565.D
Acq: 29 Aug 2015 15:28

Tgt Ion:276 Resp: 135174

Ion	Ratio	Lower	Upper
276	100		
138	26.3	25.3	37.9
277	24.3	20.2	30.2



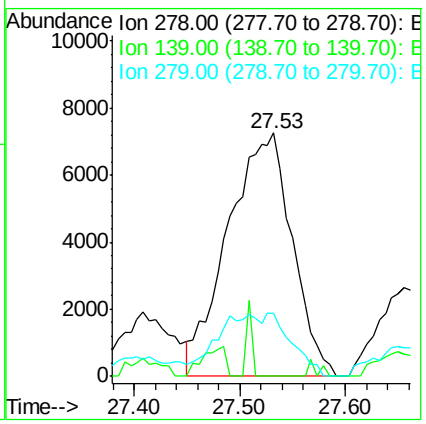


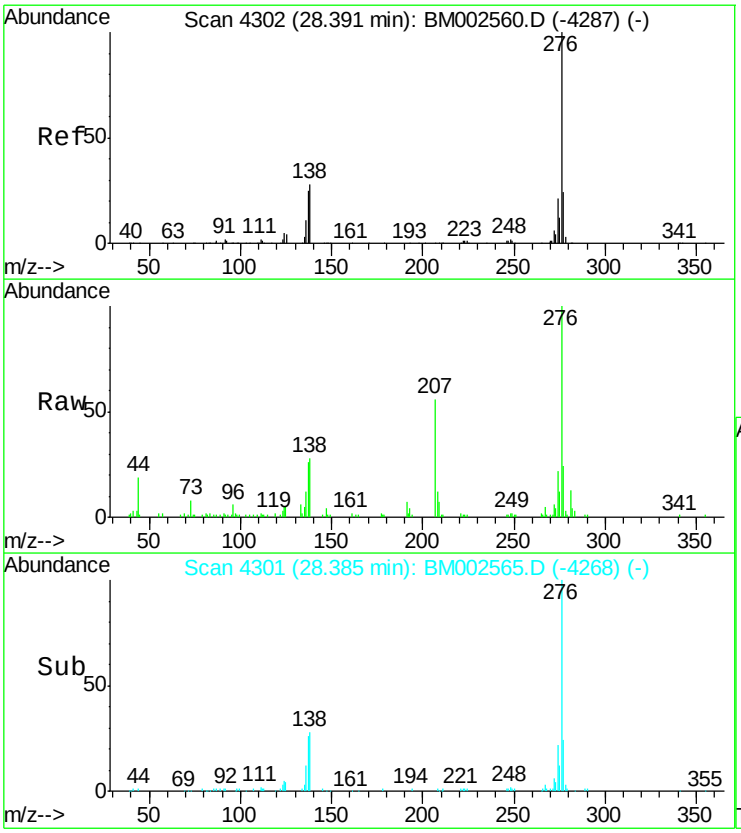
#28
Dibenzo(a,h)anthracene
Concen: 1.26 ng/ul
RT: 27.53 min Scan# 4156
Delta R.T. 0.00 min
Lab File: BM002565.D
Acq: 29 Aug 2015 15:28

Instrument :
BNA_M
ClientSampleId :
D9E73

Tgt Ion:278 Resp: 30578

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	25.8	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 6.12 ng/ul
RT: 28.39 min Scan# 4301
Delta R.T. -0.01 min
Lab File: BM002565.D
Acq: 29 Aug 2015 15:28

Tgt Ion:276 Resp: 148329

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.0	31.6
277	24.1	19.2	28.8