Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002572.D
Acq On : 29 Aug 2015 19:43
Operator : UM/IZ
Sample : G3455-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9E76

Quant Time: Aug 31 01:13:01 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	144584	20.00	ng/ul	0.00
2) Naphthalene-d8	11.64	136	596594	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.36	164	254955	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	446027	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	441006	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	464958	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	392707	15.07	ng/ul	0.00
10) Fluorene-d10	16.33	176	263482	14.39	ng/ul	0.00
14) Anthracene-d10	18.17	188	360748	16.77	ng/ul	0.00
18) Pyrene-d10	20.39	212	350311	17.92	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	318789	13.05	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	55833	2.17	ng/ul	99
16) Fluoranthene	20.07	202	175781	6.03	ng/ul	100
19) Pyrene	20.42	202	174948	6.77	ng/ul	97
20) Benzo(a)anthracene	22.13	228	111112	4.21	ng/ul	98
21) Chrysene	22.13	228	111301	4.51	ng/ul	95
23) Benzo(b)fluoranthene	23.97	252	159746	5.68	ng/ul#	96
24) Benzo(k)fluoranthene	23.97	252	38735	1.45	ng/ul#	96
26) Benzo(a)pyrene	24.66	252	114819	4.28	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	27.53	276	89104	2.89	ng/ul	94
28) Dibenzo(a,h)anthracene	27.53	278	25874	1.00	ng/ul#	72
29) Benzo(g,h,i)perylene	28.39	276	85503	3.33	ng/ul	95

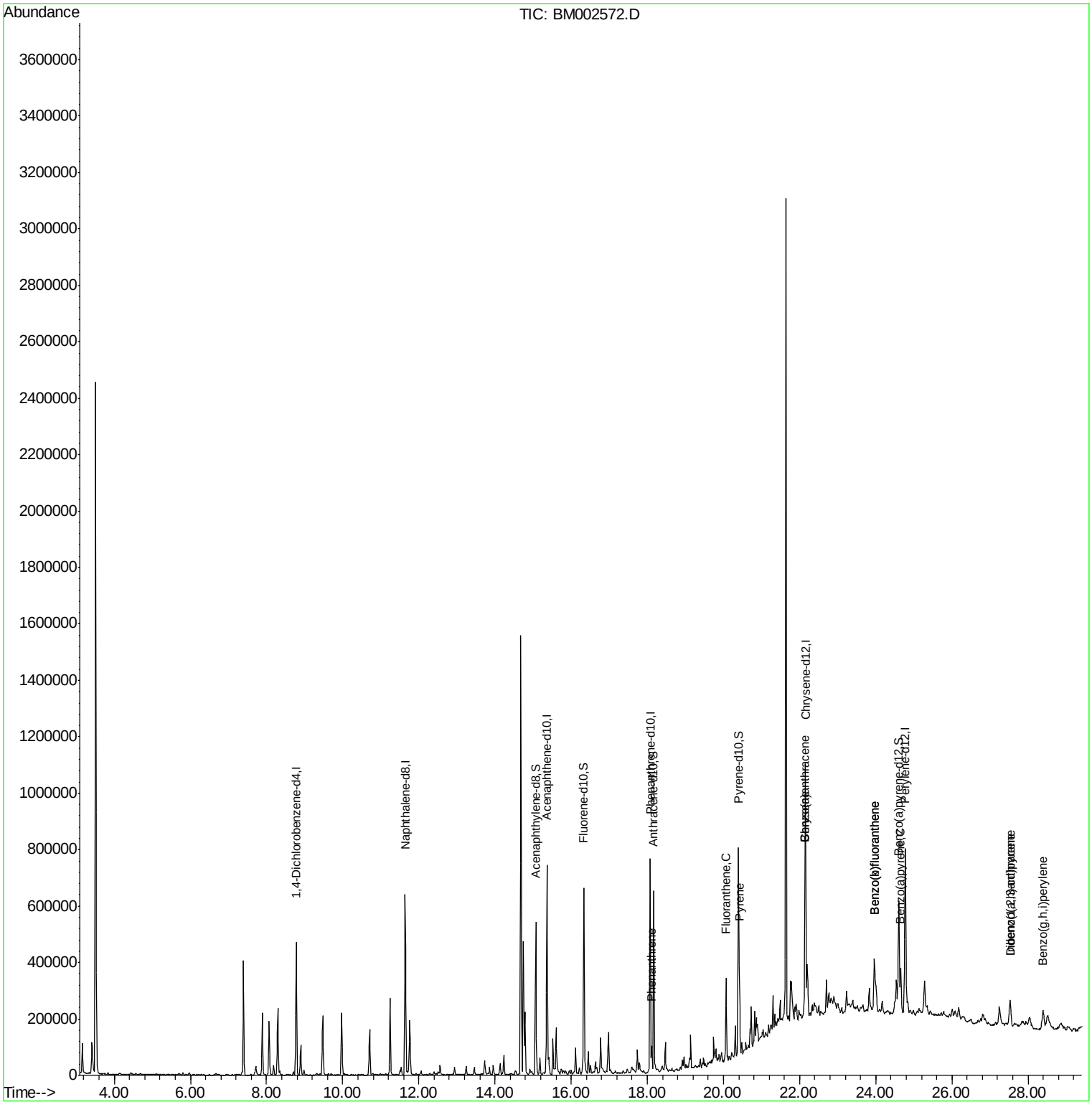
(#) = qualifier out of range (m) = manual integration (+) = signals summed

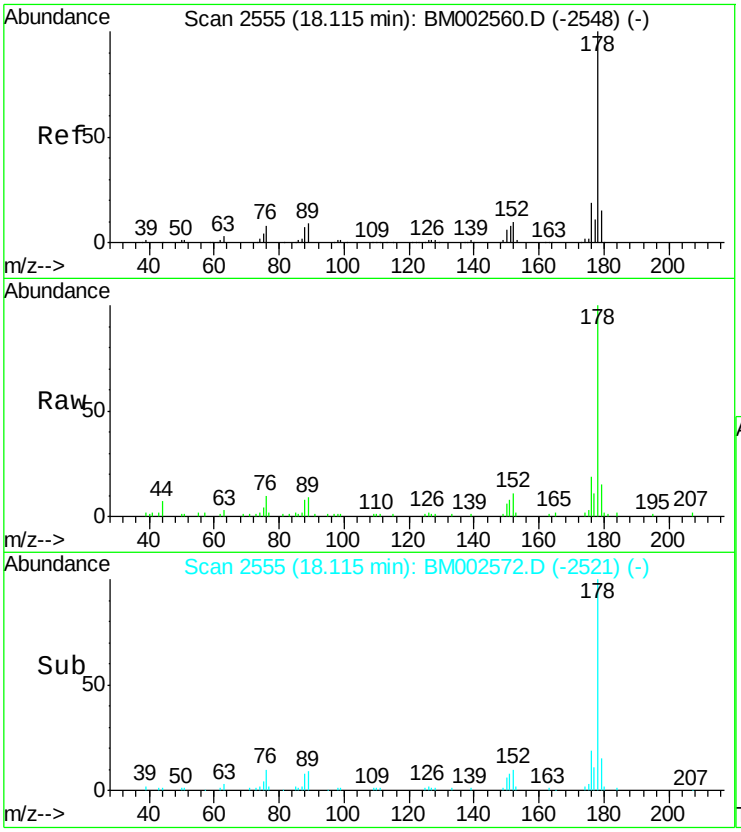
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002572.D
Acq On : 29 Aug 2015 19:43
Operator : UM/IZ
Sample : G3455-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9E76

Quant Time: Aug 31 01:13:01 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



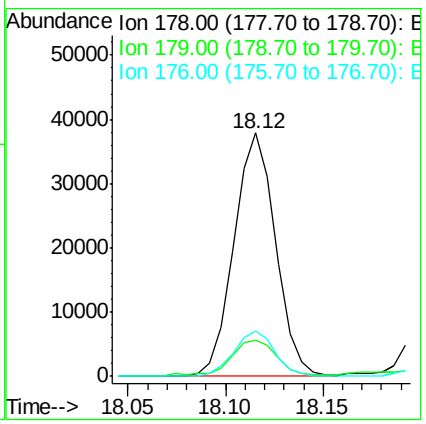


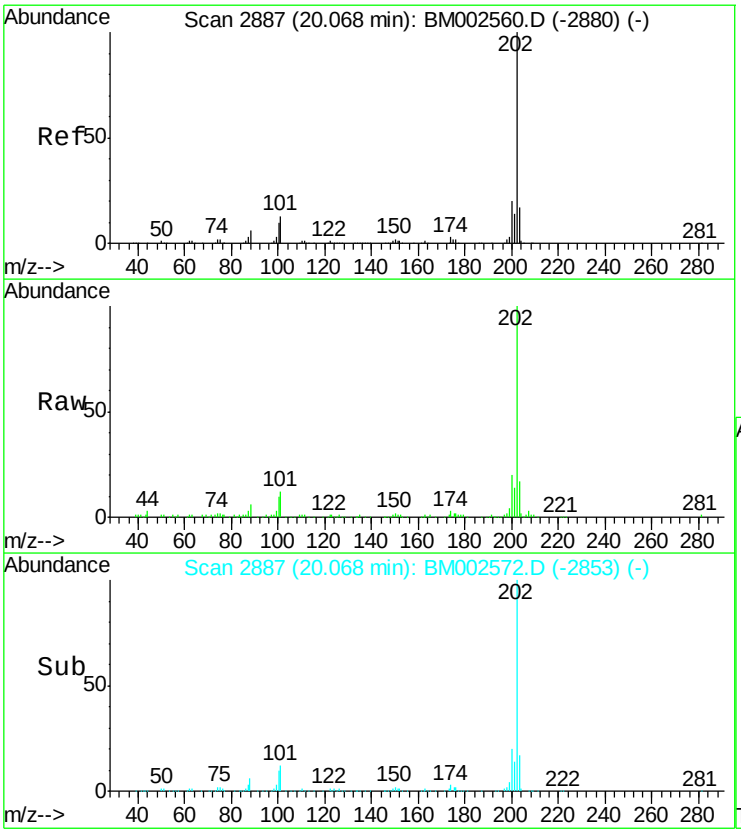
#13
Phenanthrene
Concen: 2.17 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BM002572.D
Acq: 29 Aug 2015 19:43

Instrument :
BNA_M
ClientSampleId :
D9E76

Tgt Ion:178 Resp: 55833

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.4	18.6
176	18.6	15.1	22.7

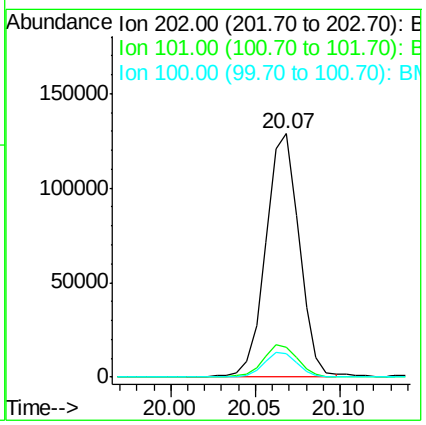


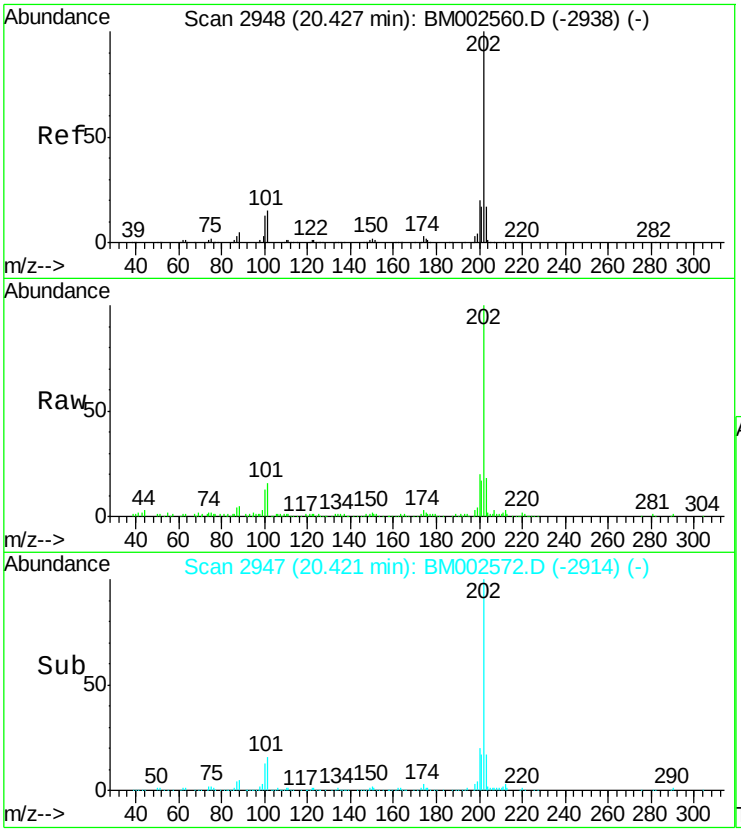


#16
Fluoranthene
Concen: 6.03 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM002572.D
Acq: 29 Aug 2015 19:43

Tgt Ion:202 Resp: 175781

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
100	9.7	7.4	11.2



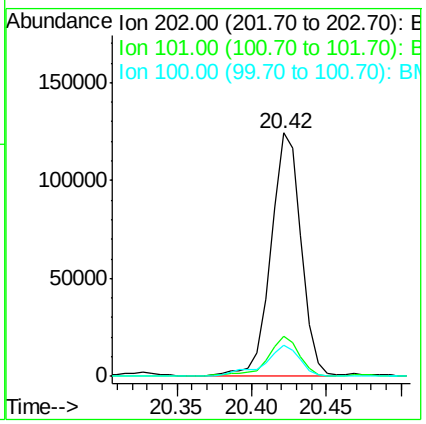


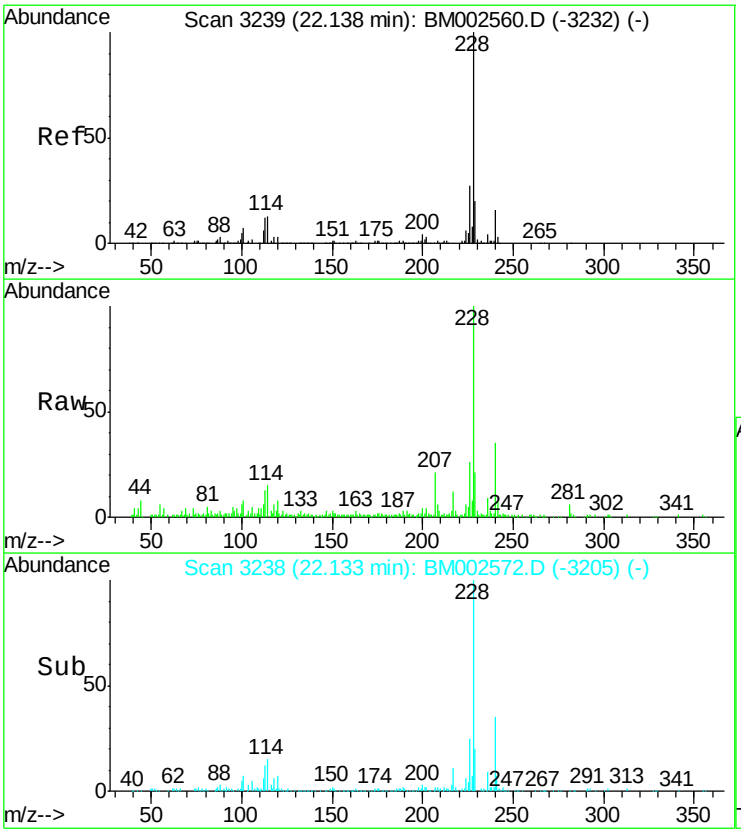
#19
Pyrene
Concen: 6.77 ng/ul
RT: 20.42 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BM002572.D
Acq: 29 Aug 2015 19:43

Instrument :
BNA_M
ClientSampleId :
D9E76

Tgt Ion:202 Resp: 174948

Ion	Ratio	Lower	Upper
202	100		
101	16.4	12.0	18.0
100	12.8	9.7	14.5

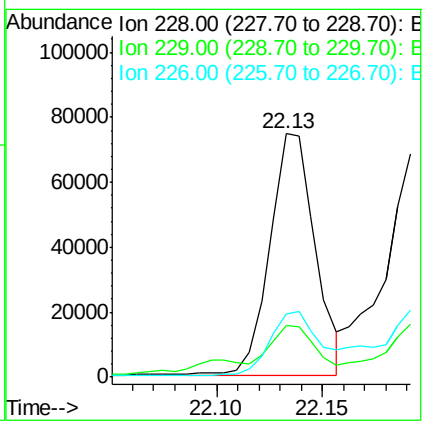


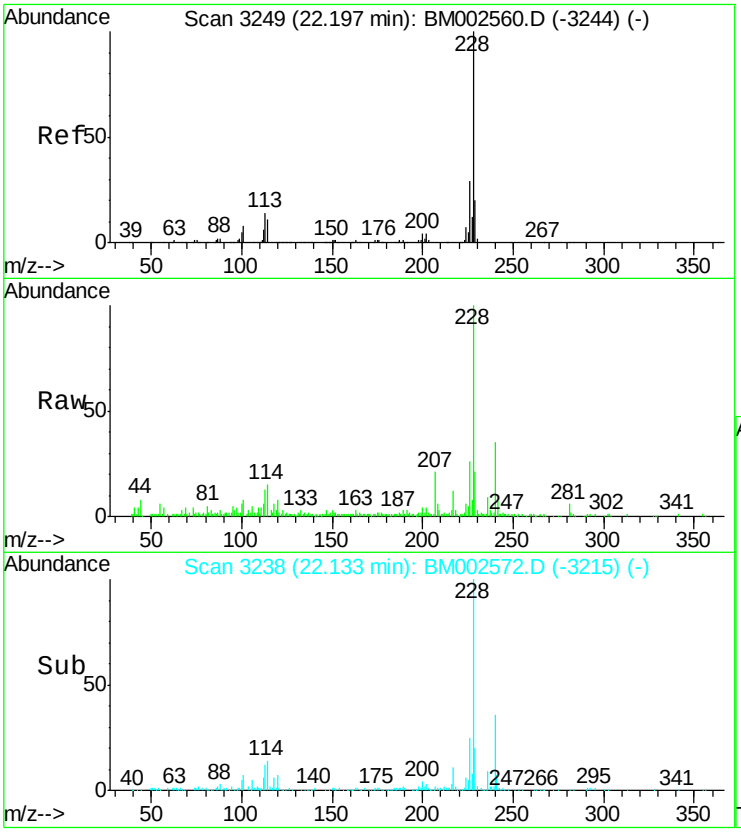


#20
Benzo(a)anthracene
Concen: 4.21 ng/ul
RT: 22.13 min Scan# 3238
Delta R.T. -0.01 min
Lab File: BM002572.D
Acq: 29 Aug 2015 19:43

Tgt Ion:228 Resp: 111112

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	25.9	21.1	31.7



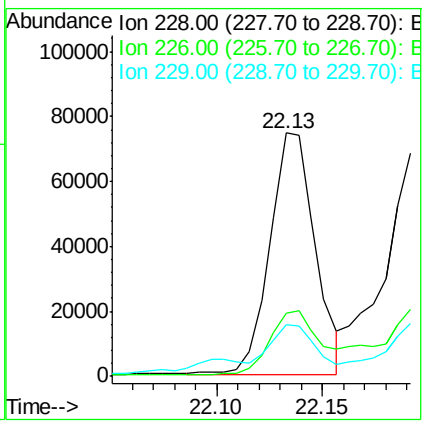


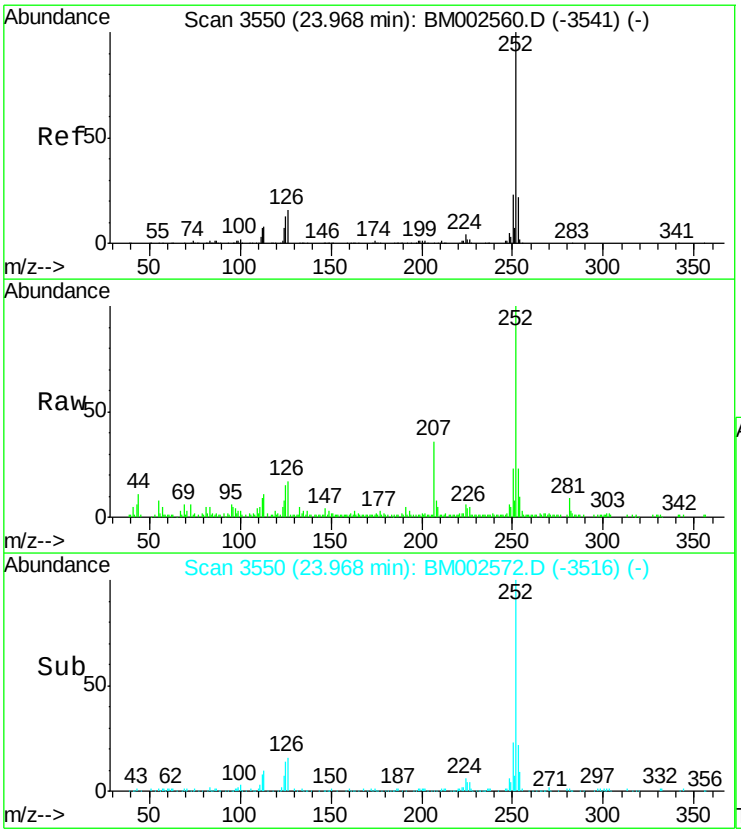
#21
Chrysene
Concen: 4.51 ng/ul
RT: 22.13 min Scan# 3238
Delta R.T. -0.06 min
Lab File: BM002572.D
Acq: 29 Aug 2015 19:43

Instrument :
BNA_M
ClientSampleId :
D9E76

Tgt Ion:228 Resp: 111301

Ion	Ratio	Lower	Upper
228	100		
226	25.9	23.4	35.2
229	21.4	15.7	23.5

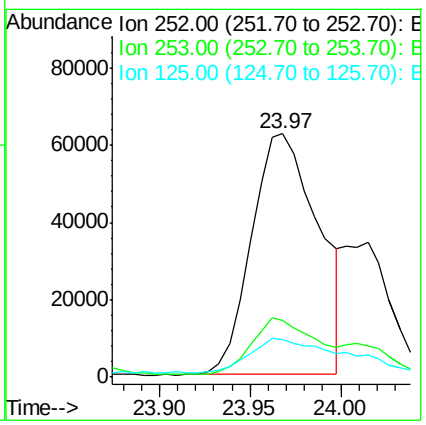


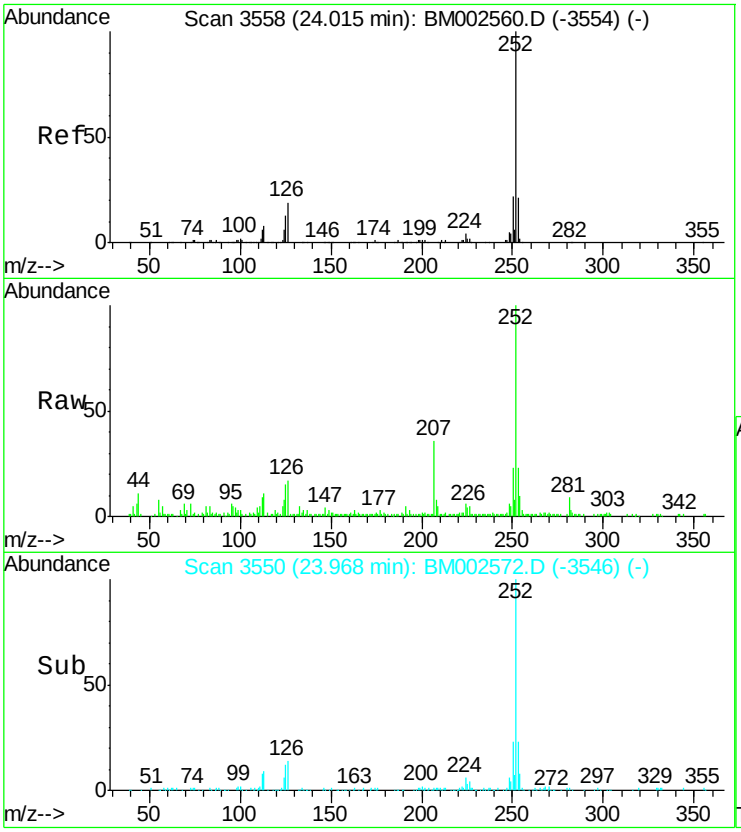


#23
Benzo(b)fluoranthene
Concen: 5.68 ng/ul
RT: 23.97 min Scan# 3550
Delta R.T. 0.00 min
Lab File: BM002572.D
Acq: 29 Aug 2015 19:43

Tgt Ion:252 Resp: 159746

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	15.3	10.0	15.0#



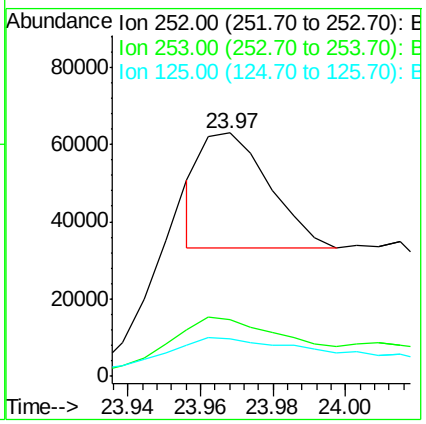


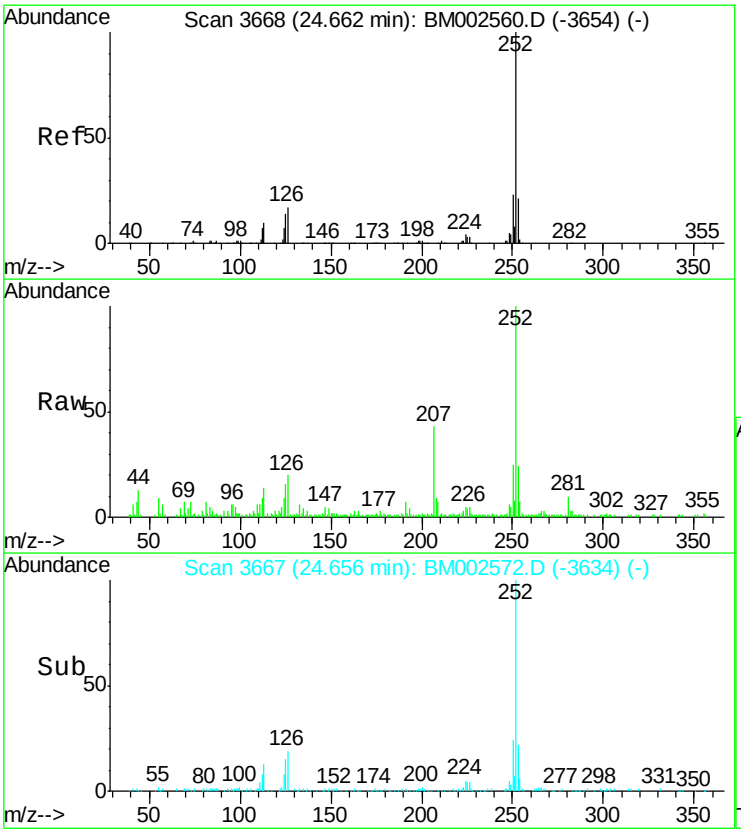
#24
Benzo(k)fluoranthene
Concen: 1.45 ng/ul
RT: 23.97 min Scan# 3550
Delta R.T. -0.05 min
Lab File: BM002572.D
Acq: 29 Aug 2015 19:43

Instrument :
BNA_M
ClientSampleId :
D9E76

Tgt Ion:252 Resp: 38735

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	15.3	9.8	14.8#

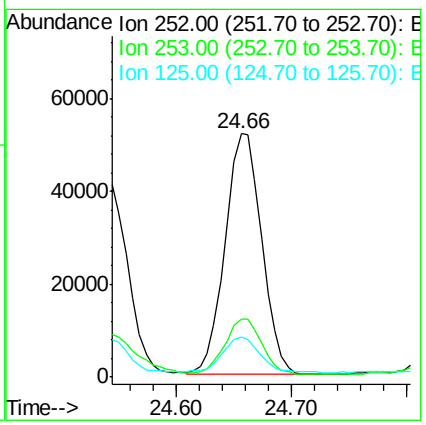


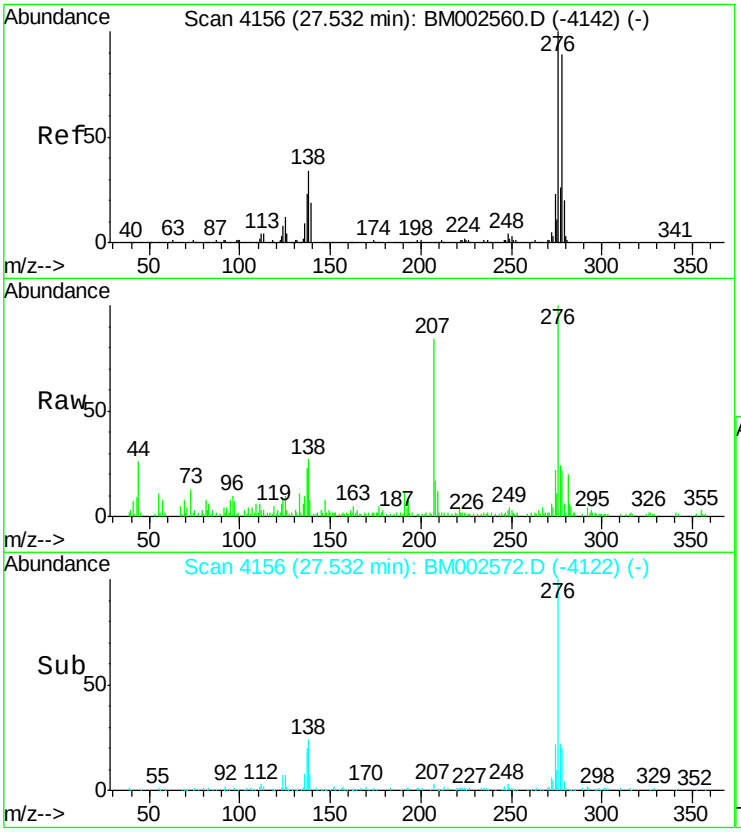


#26
Benzo(a)pyrene
Concen: 4.28 ng/ul
RT: 24.66 min Scan# 3667
Delta R.T. -0.01 min
Lab File: BM002572.D
Acq: 29 Aug 2015 19:43

Tgt Ion:252 Resp: 114819

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	16.4	10.7	16.1#



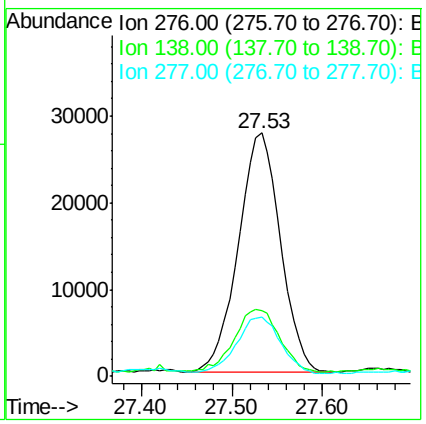


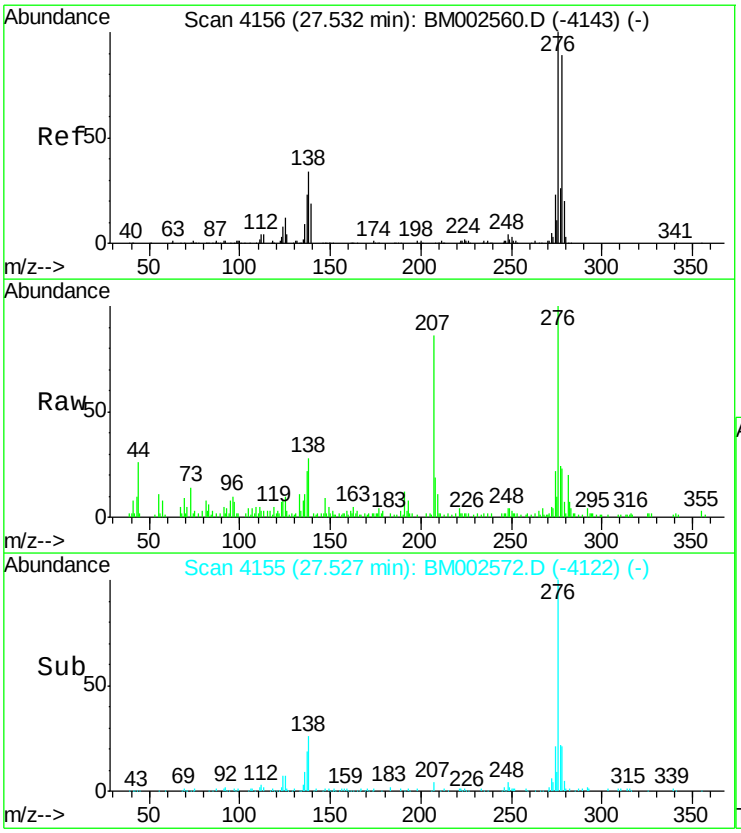
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.89 ng/ul
RT: 27.53 min Scan# 4156
Delta R.T. 0.00 min
Lab File: BM002572.D
Acq: 29 Aug 2015 19:43

Instrument :
BNA_M
ClientSampleId :
D9E76

Tgt Ion:276 Resp: 89104

Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.3	37.9
277	24.3	20.2	30.2

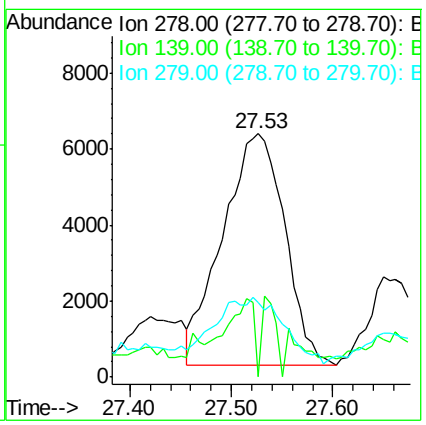


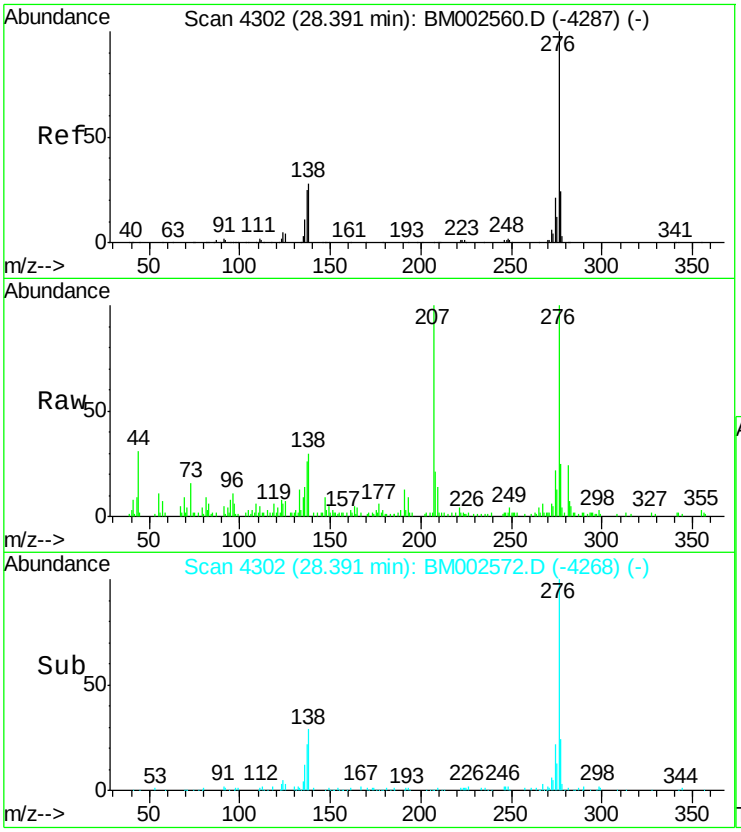


#28
Dibenzo(a,h)anthracene
Concen: 1.00 ng/ul
RT: 27.53 min Scan# 4155
Delta R.T. -0.01 min
Lab File: BM002572.D
Acq: 29 Aug 2015 19:43

Tgt Ion:278 Resp: 25874

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	30.6	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 3.33 ng/ul
RT: 28.39 min Scan# 4302
Delta R.T. 0.00 min
Lab File: BM002572.D
Acq: 29 Aug 2015 19:43

Instrument :
BNA_M
ClientSampleId :
D9E76

Tgt Ion:276 Resp: 85503

Ion	Ratio	Lower	Upper
276	100		
138	30.3	21.0	31.6
277	25.0	19.2	28.8