Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002399.D
Acq On : 13 Aug 2015 15:58
Operator : UM/IZ
Sample : G3194-18MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9DB8MS

Quant Time: Aug 14 02:04:13 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	244118	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	1070165	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	525365	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	1342048	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	667901	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	657478	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1603573	29.46	ng/ul	0.00
10) Fluorene-d10	16.46	176	1051305	27.78	ng/ul	0.00
14) Anthracene-d10	18.30	188	2000931	30.73	ng/ul	0.00
18) Pyrene-d10	20.52	212	1118191	34.52	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	984769	28.21	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	11.83	128	101324	1.80	ng/ul	99
4) 2-Methylnaphthalene	13.37	142	84394	2.10	ng/ul	96
5) 1-Methylnaphthalene	13.58	142	59668	1.50	ng/ul	97
9) Acenaphthene	15.55	153	992113	26.10	ng/ul	99
11) Fluorene	16.52	166	91722	2.14	ng/ul#	97
13) Phenanthrene	18.24	178	2061237	26.68	ng/ul	100
15) Anthracene	18.33	178	525235	6.58	ng/ul	99
16) Fluoranthene	20.19	202	2713951	31.73	ng/ul	99
19) Pyrene	20.54	202	2660301	61.61	ng/ul	97
20) Benzo(a)anthracene	22.27	228	977105	23.97	ng/ul	98
21) Chrysene	22.33	228	1085140	28.08	ng/ul	98
23) Benzo(b)fluoranthene	24.16	252	1797585	43.99	ng/ul	99
26) Benzo(a)pyrene	24.88	252	1051095	26.88	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.86	276	903795	20.16	ng/ul	93
28) Dibenzo(a,h)anthracene	27.86	278	284283	7.49	ng/ul#	91
29) Benzo(g,h,i)perylene	28.76	276	836036	22.11	ng/ul	99

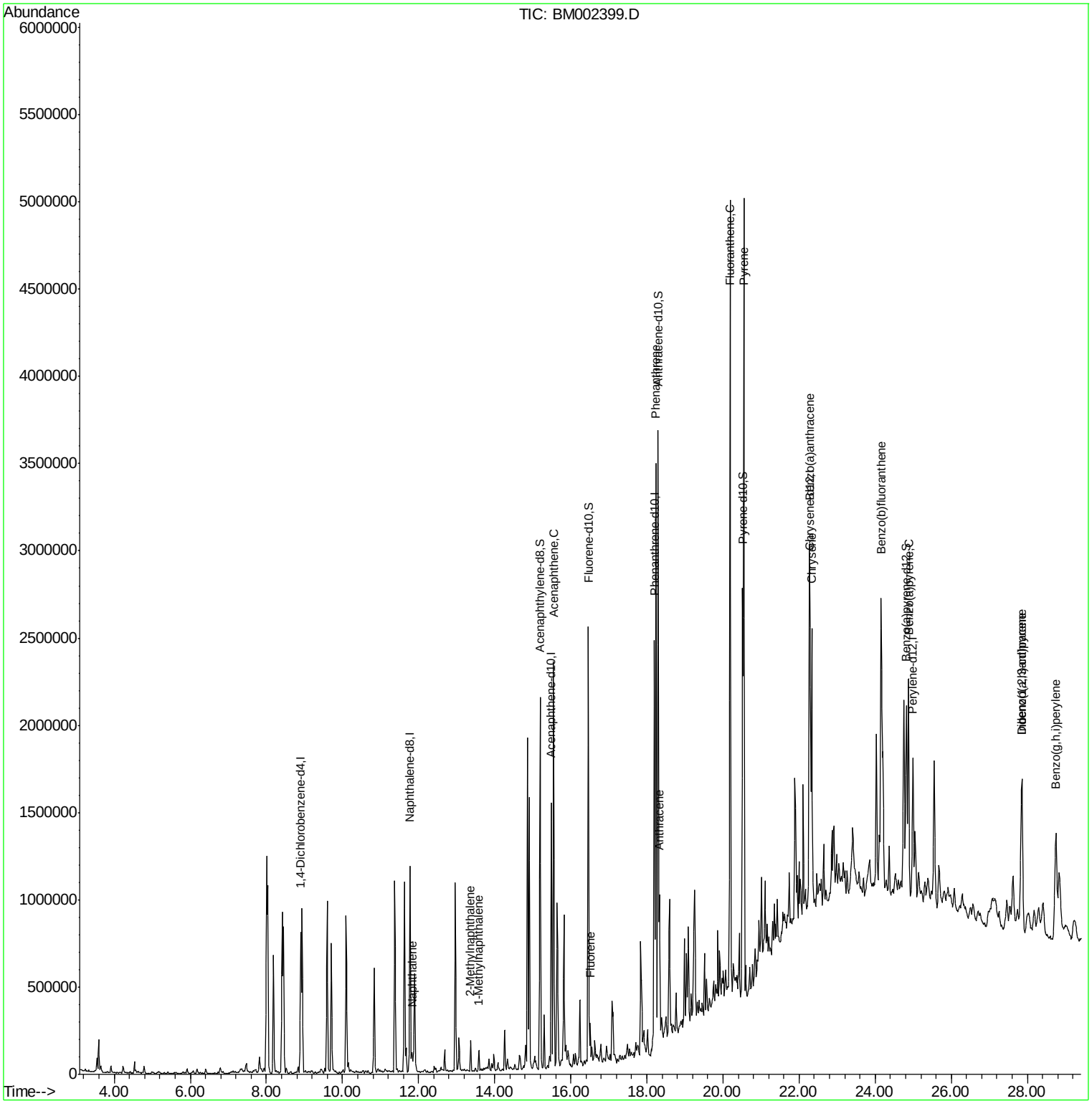
(#) = qualifier out of range (m) = manual integration (+) = signals summed

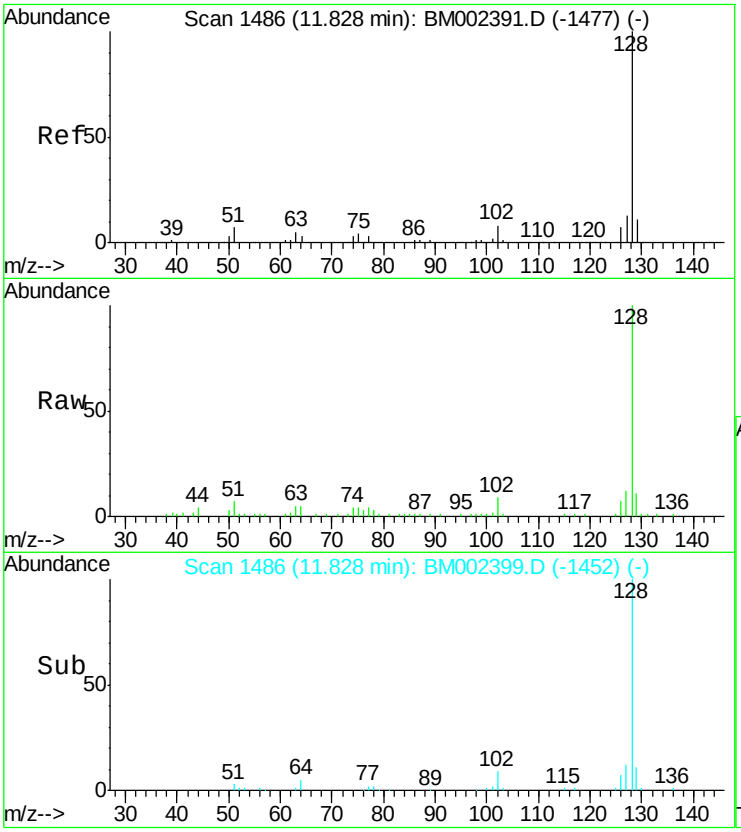
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002399.D
Acq On : 13 Aug 2015 15:58
Operator : UM/IZ
Sample : G3194-18MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DB8MS

Quant Time: Aug 14 02:04:13 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



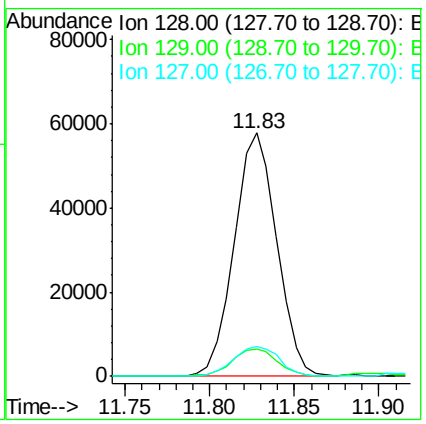


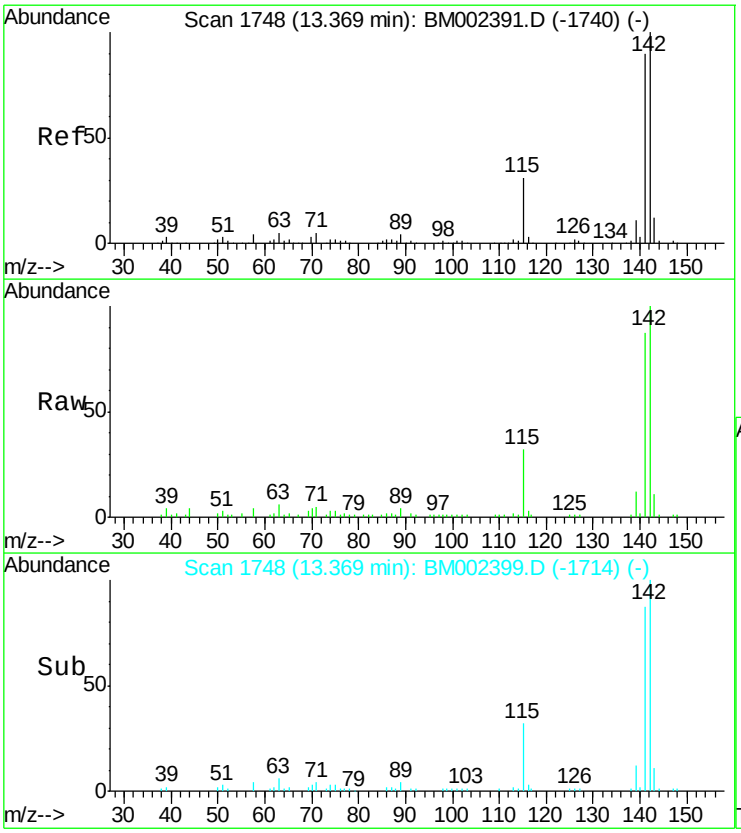
#3
Naphthalene
Concen: 1.80 ng/ul
RT: 11.83 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Instrument :
BNA_M
ClientSampleId :
D9DB8MS

Tgt Ion:128 Resp: 101324

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	12.3	10.4	15.6

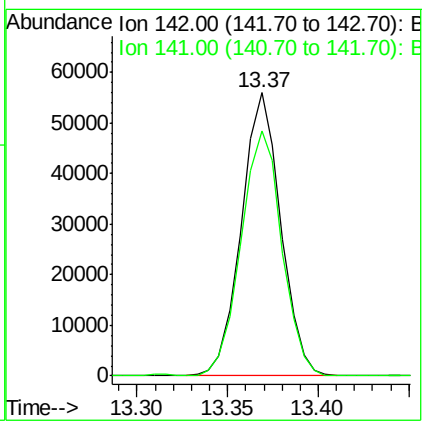


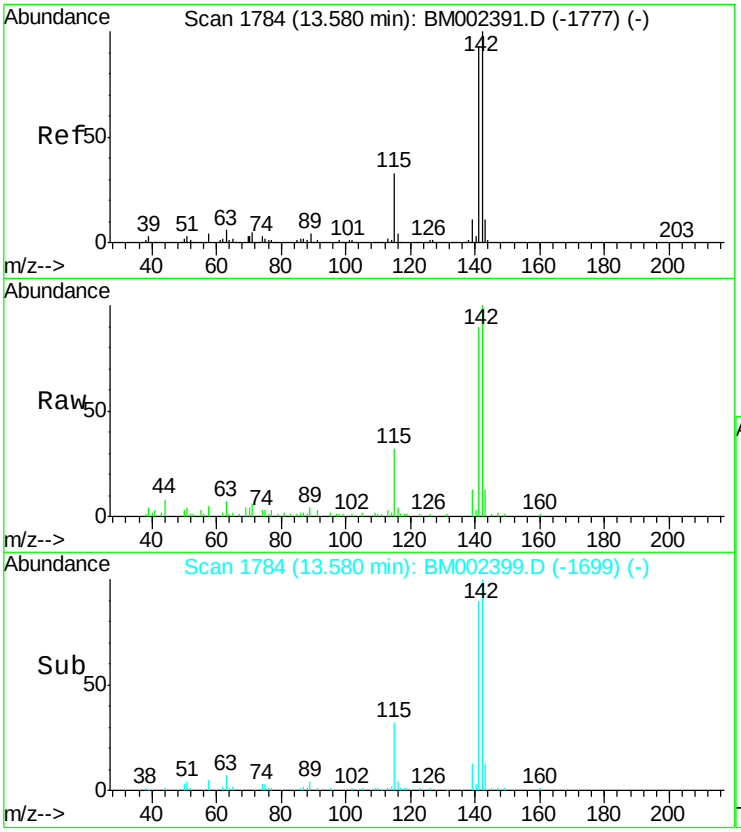


#4
2-Methylnaphthalene
Concen: 2.10 ng/ul
RT: 13.37 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Tgt Ion:142 Resp: 84394

Ion	Ratio	Lower	Upper
142	100		
141	86.5	72.5	108.7



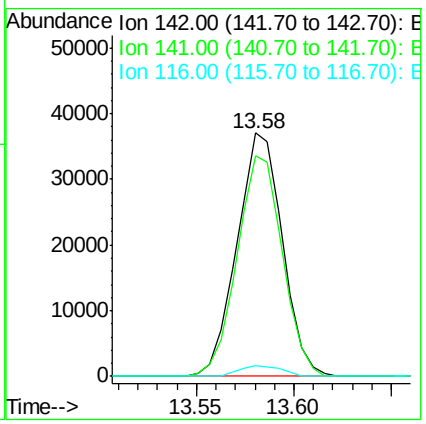


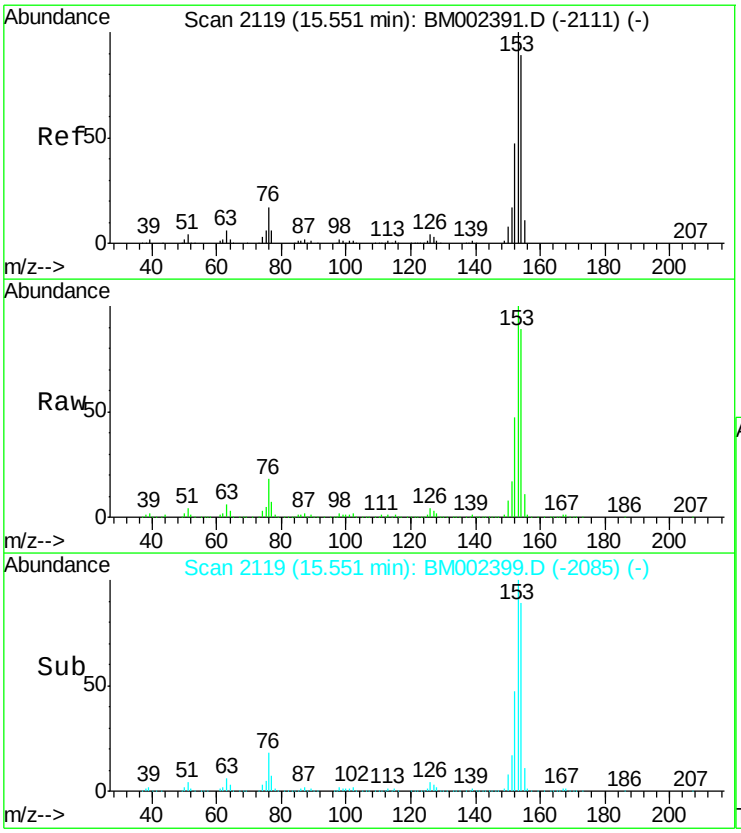
#5
1-Methylnaphthalene
Concen: 1.50 ng/ul
RT: 13.58 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Instrument :
BNA_M
ClientSampleId :
D9DB8MS

Tgt Ion:142 Resp: 59668

Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.5	111.7
116	4.3	3.0	4.4

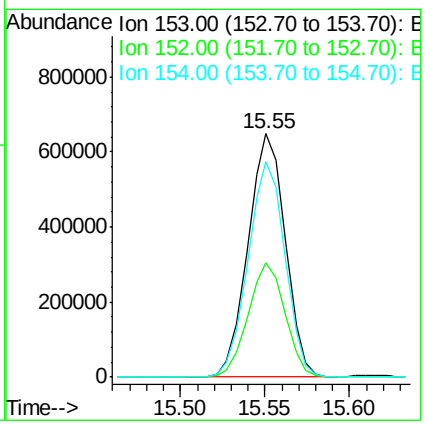


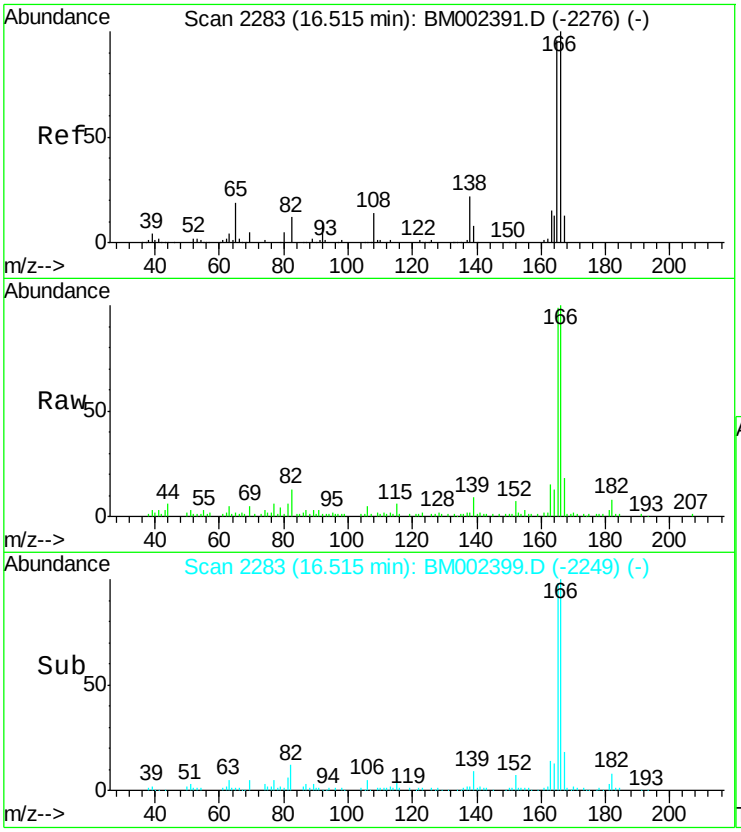


#9
Acenaphthene
Concen: 26.10 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Tgt Ion:153 Resp: 992113

Ion	Ratio	Lower	Upper
153	100		
152	47.2	36.6	55.0
154	88.6	71.5	107.3



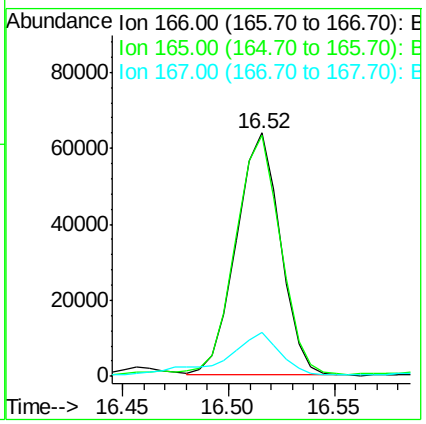


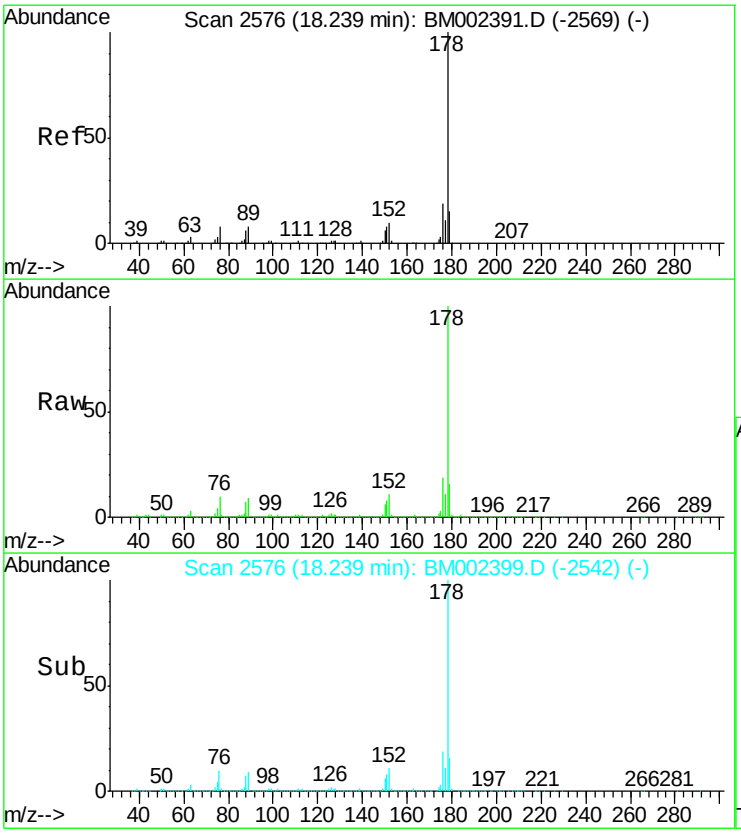
#11
Fluorene
Concen: 2.14 ng/ul
RT: 16.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Instrument :
BNA_M
ClientSampleId :
D9DB8MS

Tgt Ion:166 Resp: 91722

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.5	116.3
167	17.9	10.4	15.6#

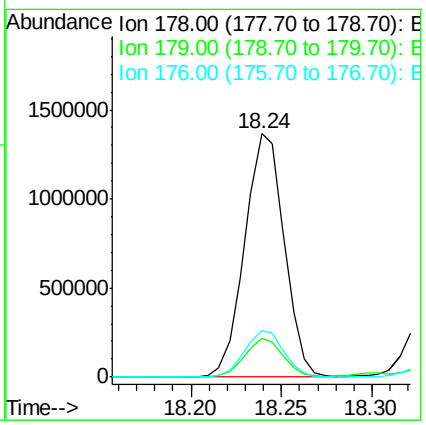


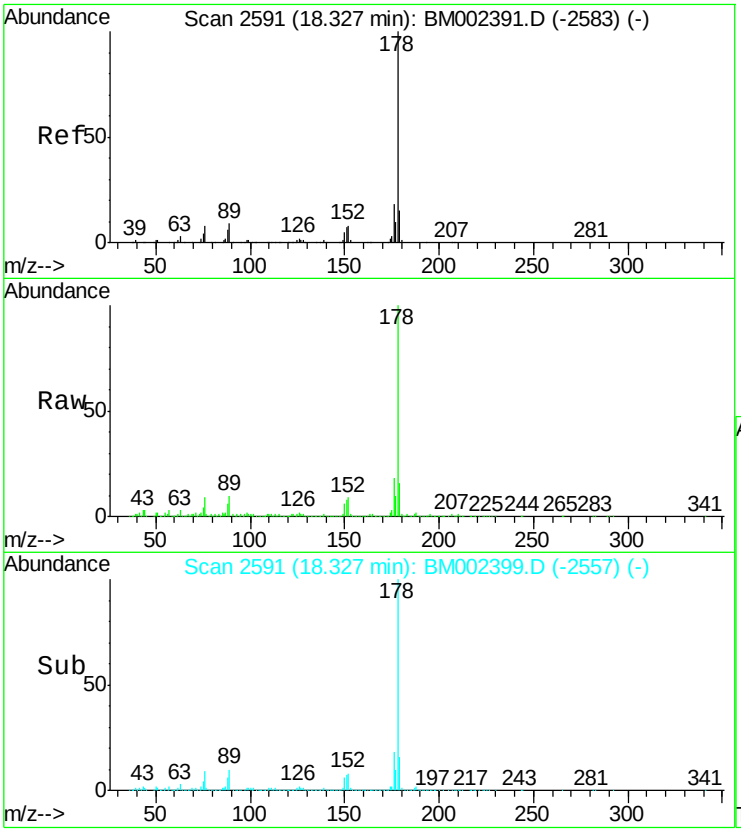


#13
Phenanthrene
Concen: 26.68 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Tgt Ion:178 Resp: 2061237

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.1	15.3	22.9



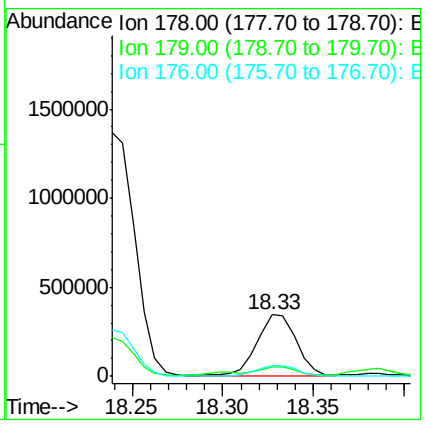


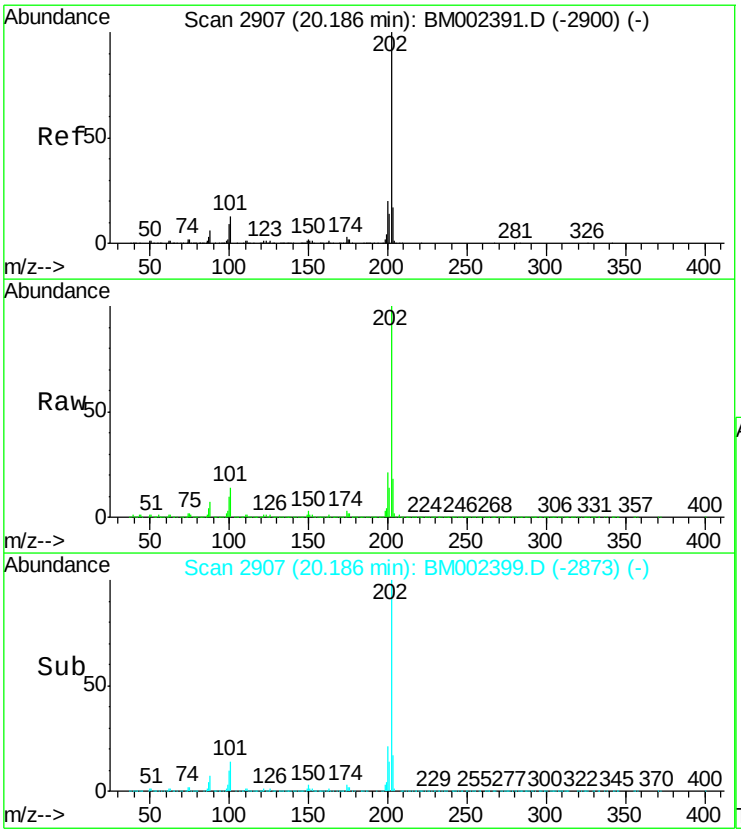
#15
Anthracene
Concen: 6.58 ng/ul
RT: 18.33 min Scan# 2591
Delta R.T. 0.00 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Instrument :
BNA_M
ClientSampleId :
D9DB8MS

Tgt Ion:178 Resp: 525235

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.4	14.5	21.7

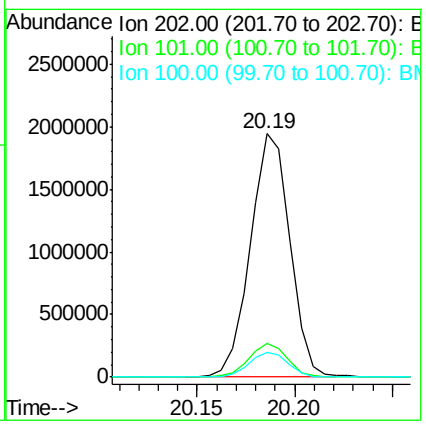


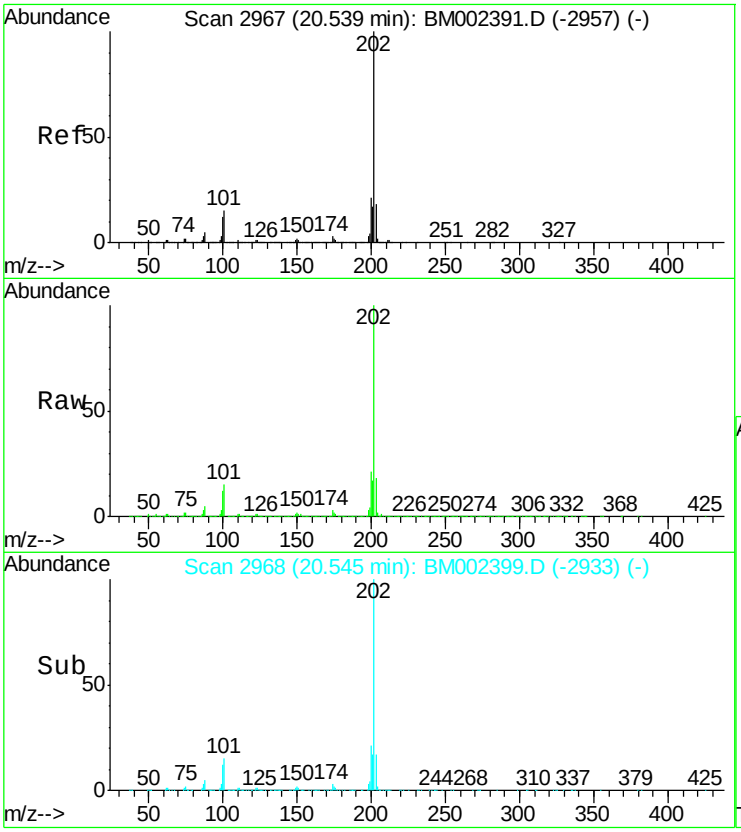


#16
Fluoranthene
Concen: 31.73 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. 0.00 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Tgt Ion:202 Resp: 2713951

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.6	15.8
100	10.4	8.2	12.4



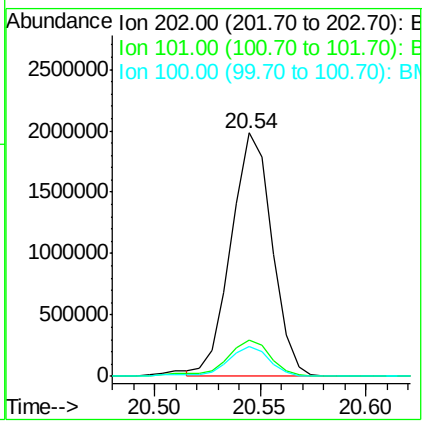


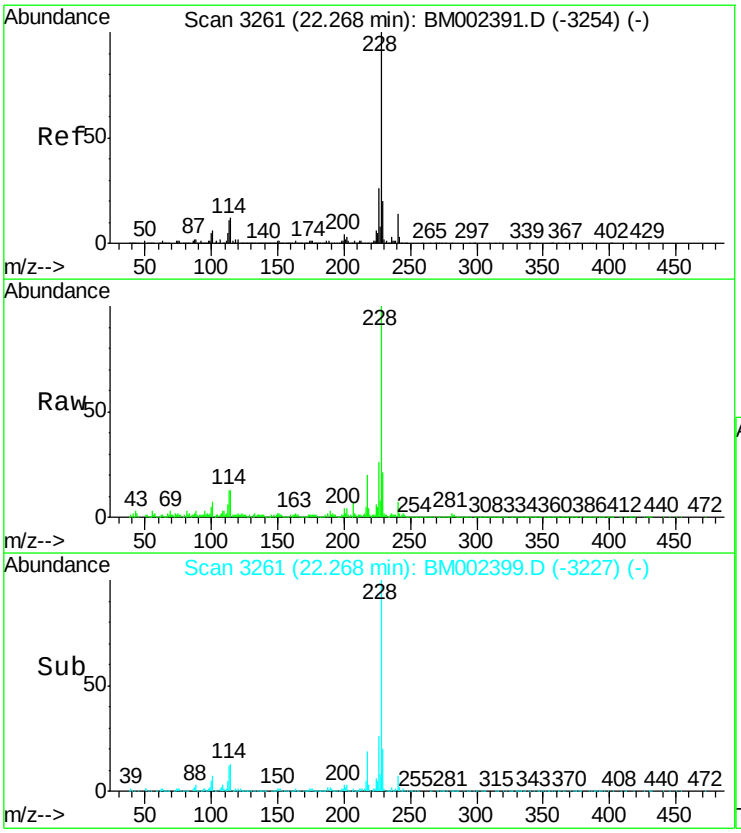
#19
Pyrene
Concen: 61.61 ng/ul
RT: 20.54 min Scan# 2968
Delta R.T. 0.01 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Instrument :
BNA_M
ClientSampleId :
D9DB8MS

Tgt Ion:202 Resp: 2660301

Ion	Ratio	Lower	Upper
202	100		
101	15.1	13.0	19.6
100	12.4	11.0	16.4

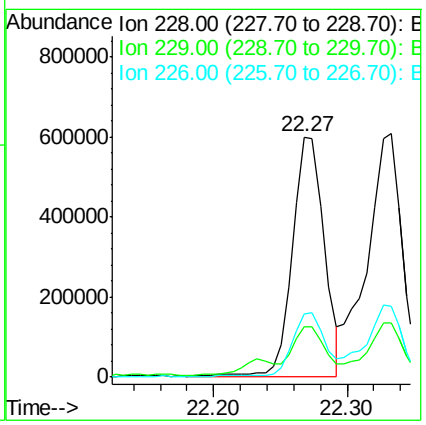


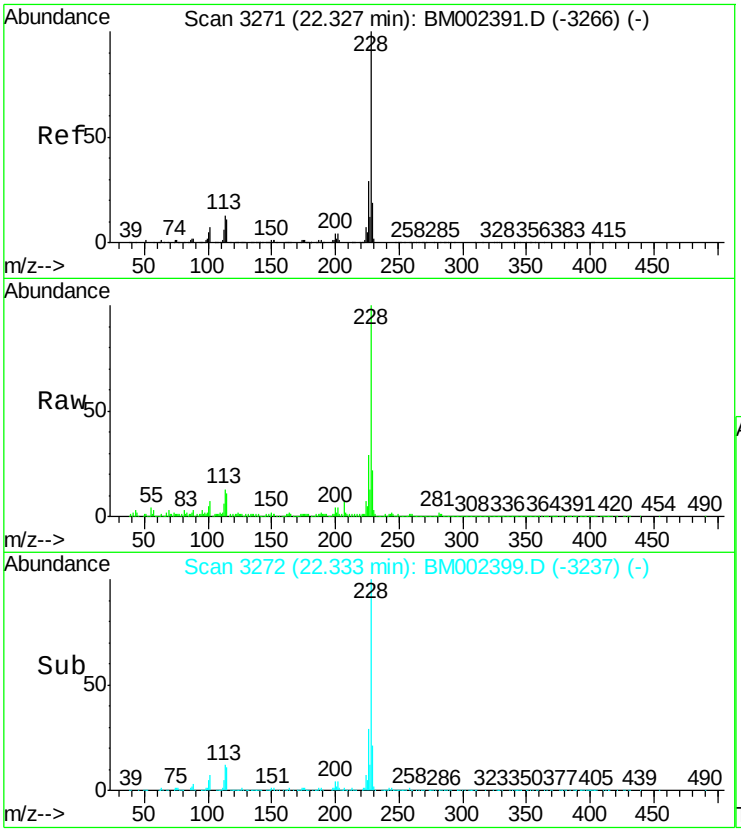


#20
Benzo(a)anthracene
Concen: 23.97 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.00 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Tgt Ion:228 Resp: 977105

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	26.4	21.4	32.0



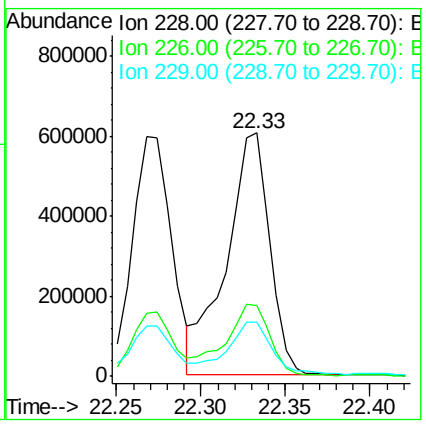


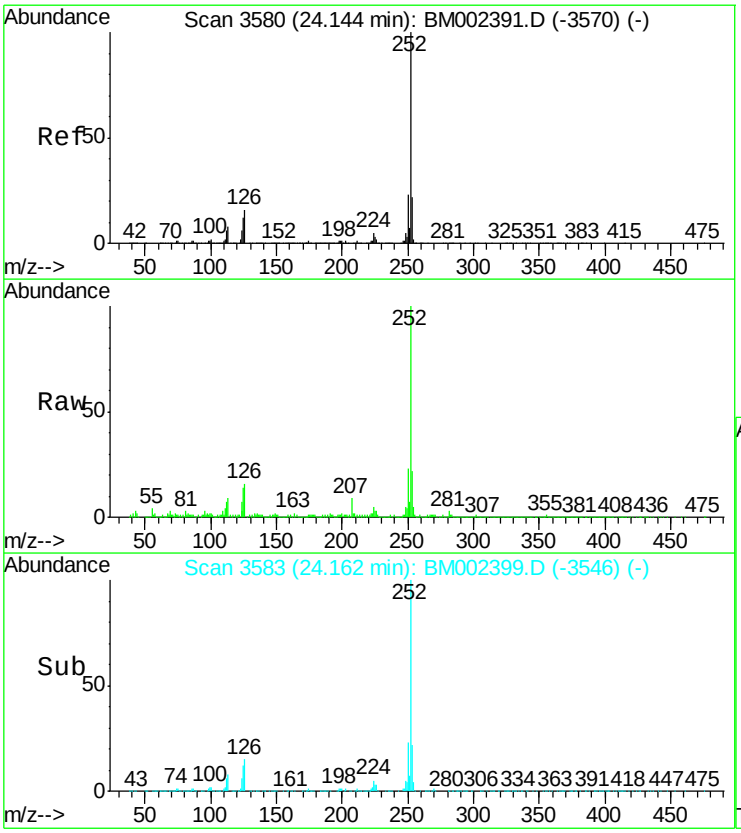
#21
Chrysene
Concen: 28.08 ng/ul
RT: 22.33 min Scan# 3272
Delta R.T. 0.01 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Instrument :
BNA_M
ClientSampleId :
D9DB8MS

Tgt Ion:228 Resp: 1085140

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	22.1	15.5	23.3

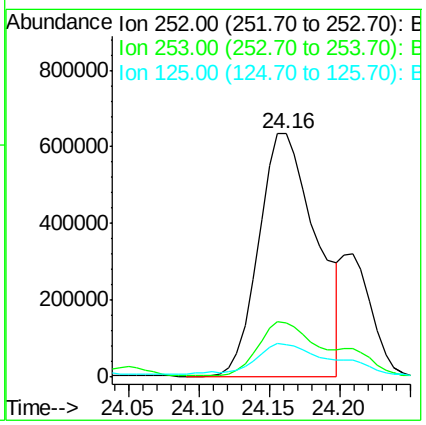


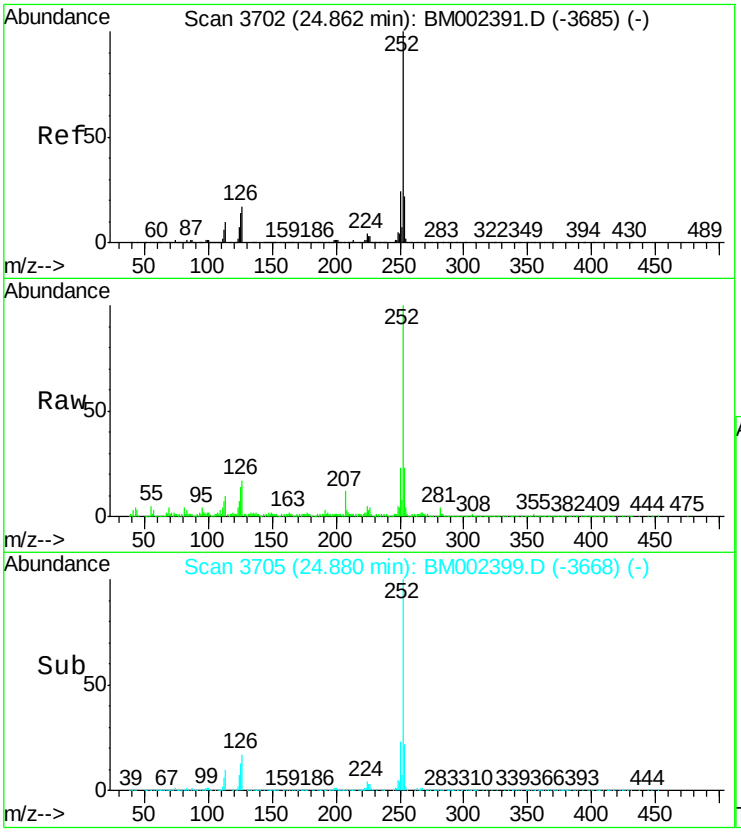


#23
Benzo(b)fluoranthene
Concen: 43.99 ng/ul
RT: 24.16 min Scan# 3583
Delta R.T. 0.02 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Tgt Ion:252 Resp: 1797585

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.5	10.3	15.5



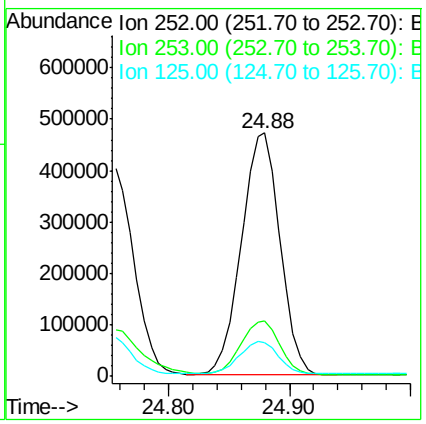


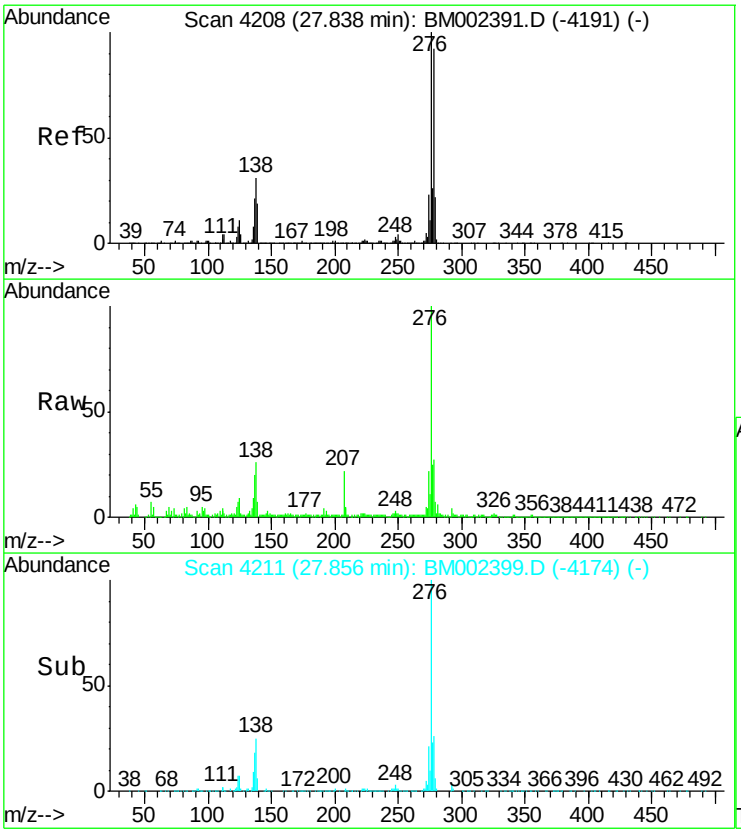
#26
Benzo(a)pyrene
Concen: 26.88 ng/ul
RT: 24.88 min Scan# 3705
Delta R.T. 0.02 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Instrument :
BNA_M
ClientSampleId :
D9DB8MS

Tgt Ion:252 Resp: 1051095

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	13.9	11.0	16.6

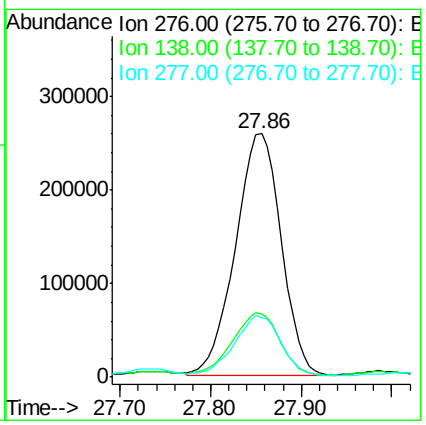


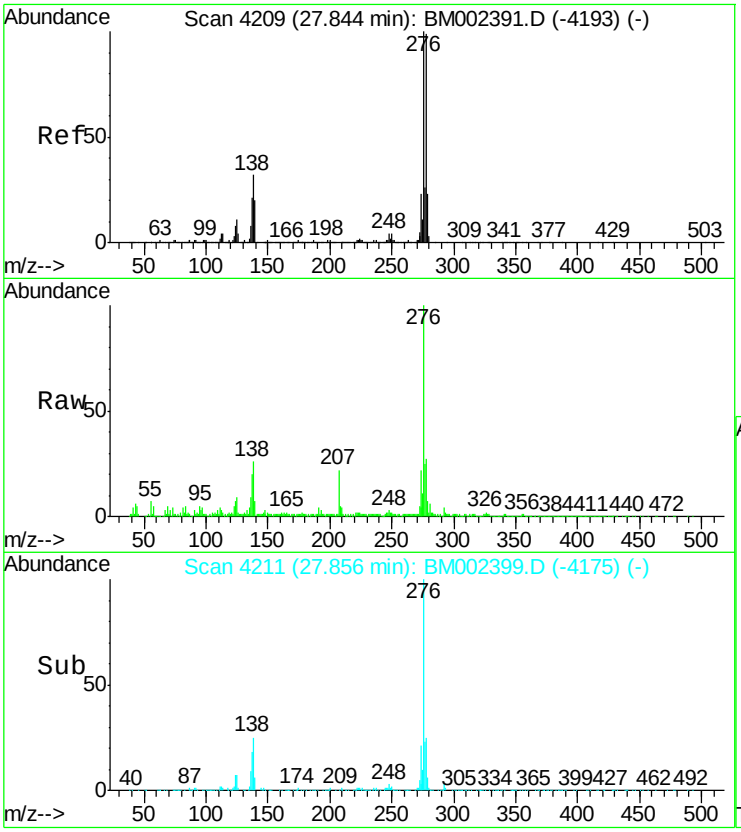


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.16 ng/ul
RT: 27.86 min Scan# 4211
Delta R.T. 0.02 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Tgt Ion:276 Resp: 903795

Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.6	38.4
277	24.6	21.0	31.4



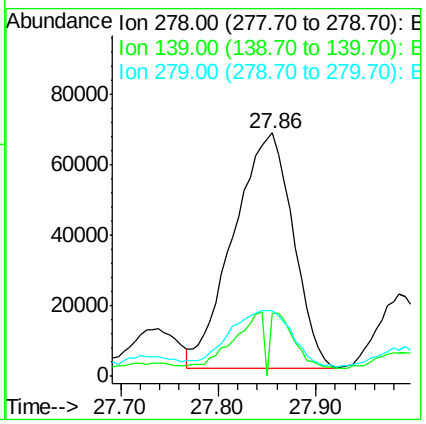


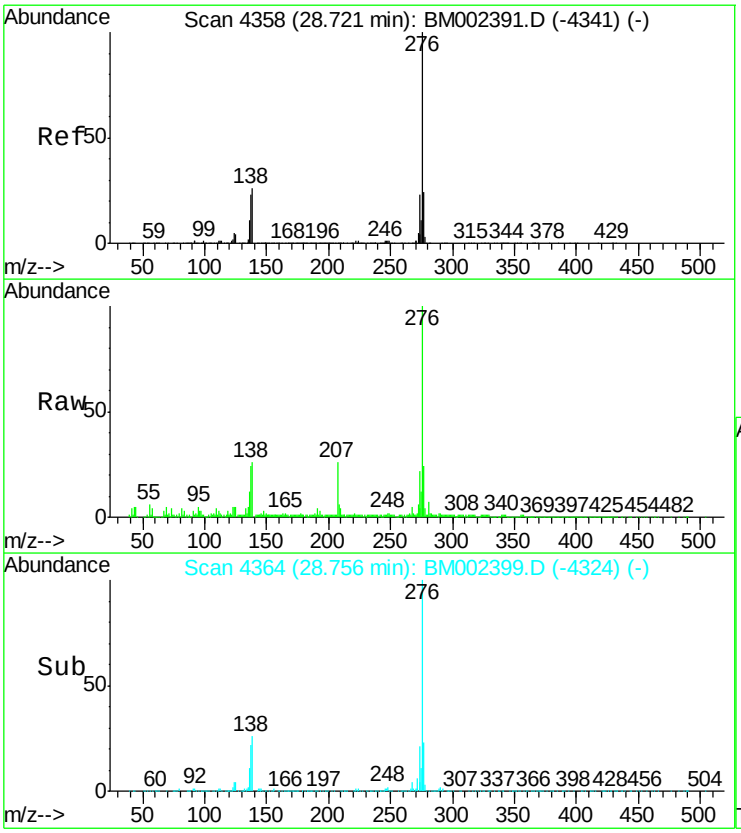
#28
Dibenzo(a,h)anthracene
Concen: 7.49 ng/ul
RT: 27.86 min Scan# 4211
Delta R.T. 0.01 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Instrument :
BNA_M
ClientSampleId :
D9DB8MS

Tgt Ion:278 Resp: 284283

Ion	Ratio	Lower	Upper
278	100		
139	26.1	16.4	24.6#
279	26.9	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 22.11 ng/ul
RT: 28.76 min Scan# 4364
Delta R.T. 0.04 min
Lab File: BM002399.D
Acq: 13 Aug 2015 15:58

Tgt Ion:276 Resp: 836036

Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.5	30.7
277	23.9	19.0	28.6