Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002393.D
Acq On : 14 Aug 2015 19:49
Operator : UM/IZ
Sample : SSTD00532
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 17 01:37:15 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 01:34:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	75625	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	365785	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	221981	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	496038	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	541809	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	547336	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	114848	5.06	ng/ul	0.00
10) Fluorene-d10	16.42	176	84251	5.29	ng/ul	0.00
14) Anthracene-d10	18.24	188	123445	5.16	ng/ul	0.00
18) Pyrene-d10	20.46	212	131111	5.46	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.71	264	147161	5.12	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.79	128	96283	5.16	ng/ul	100
4) 2-Methylnaphthalene	13.33	142	72925	5.21	ng/ul	98
5) 1-Methylnaphthalene	13.55	142	72533	5.24	ng/ul	99
8) Acenaphthylene	15.18	152	120925	5.09	ng/ul	99
9) Acenaphthene	15.51	153	81181	5.19	ng/ul	98
11) Fluorene	16.47	166	94297	5.26	ng/ul	99
13) Phenanthrene	18.19	178	148666	5.19	ng/ul	99
15) Anthracene	18.28	178	150847	5.20	ng/ul	99
16) Fluoranthene	20.13	202	165028	5.09	ng/ul	98
19) Pyrene	20.49	202	173687	5.47	ng/ul	98
20) Benzo(a)anthracene	22.21	228	167811	5.18	ng/ul	99
21) Chrysene	22.26	228	156138	5.15	ng/ul	100
23) Benzo(b)fluoranthene	24.06	252	170749	5.16	ng/ul	100
24) Benzo(k)fluoranthene	24.11	252	161088	5.14	ng/ul	99
26) Benzo(a)pyrene	24.76	252	161836	5.12	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.69	276	191407	5.27	ng/ul	100
28) Dibenzo(a,h)anthracene	27.69	278	159067	5.24	ng/ul	99
29) Benzo(g,h,i)perylene	28.56	276	158258	5.23	ng/ul	99

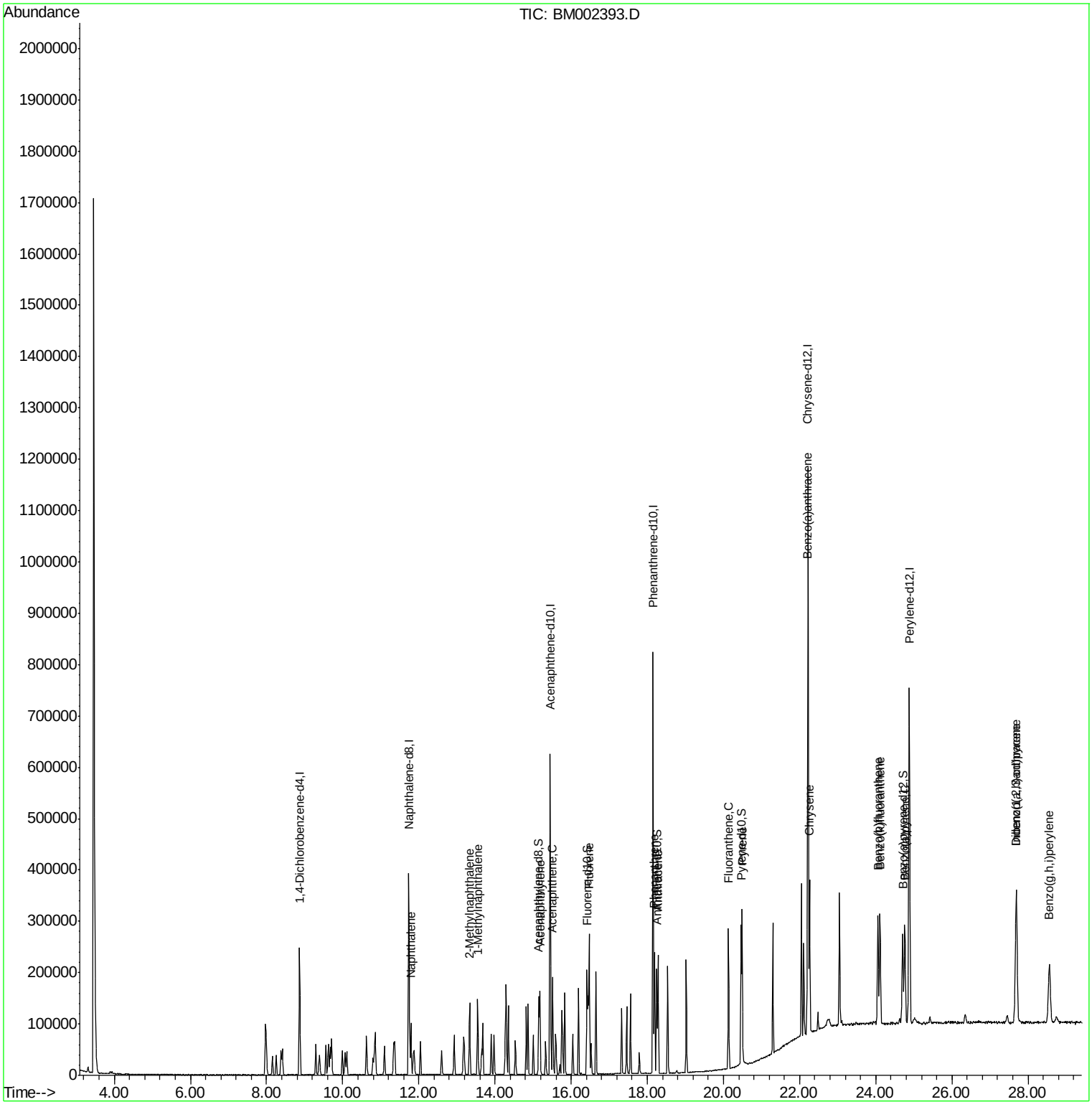
(#) = qualifier out of range (m) = manual integration (+) = signals summed

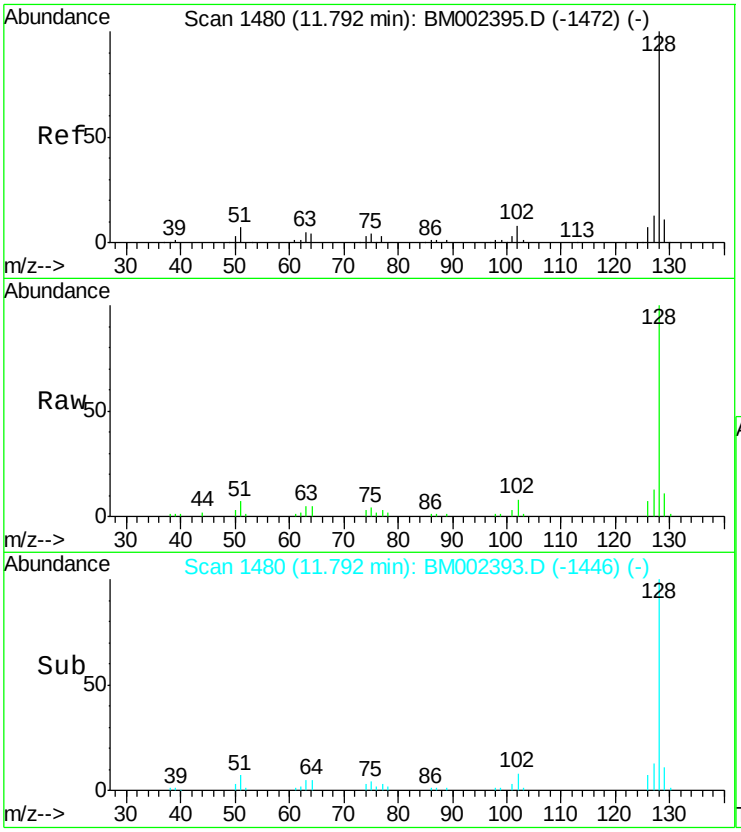
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002393.D
Acq On : 14 Aug 2015 19:49
Operator : UM/IZ
Sample : SSTD00532
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 17 01:37:15 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 01:34:51 2015
Response via : Initial Calibration



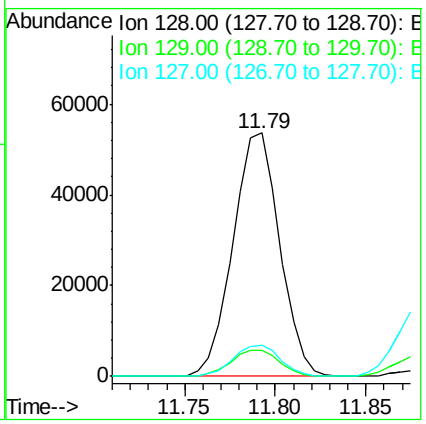


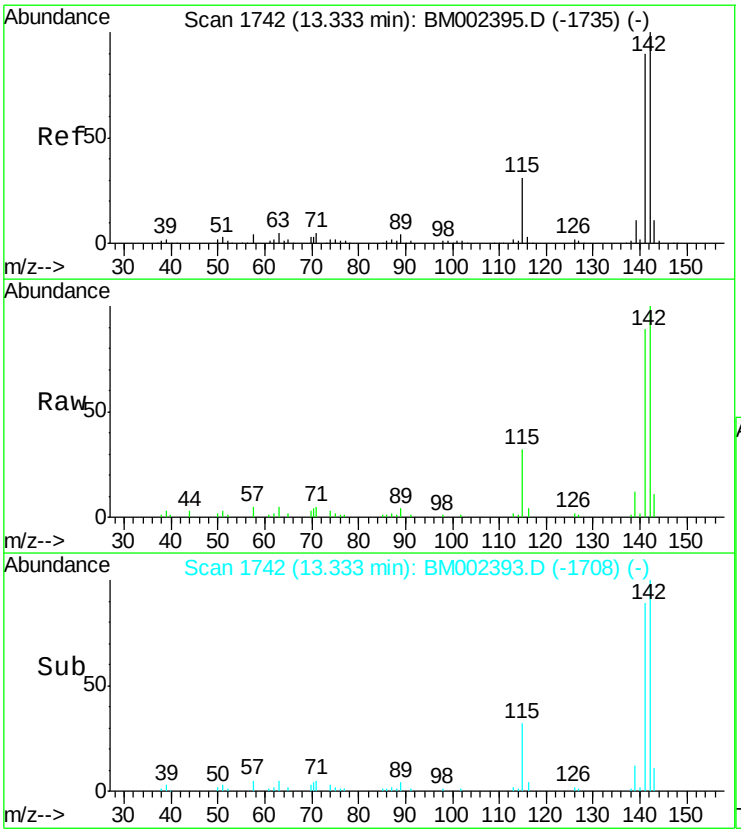
#3
Naphthalene
Concen: 5.16 ng/ul
RT: 11.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 96283

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.0	10.4	15.6

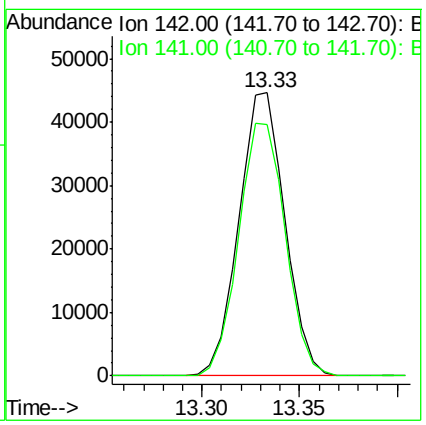


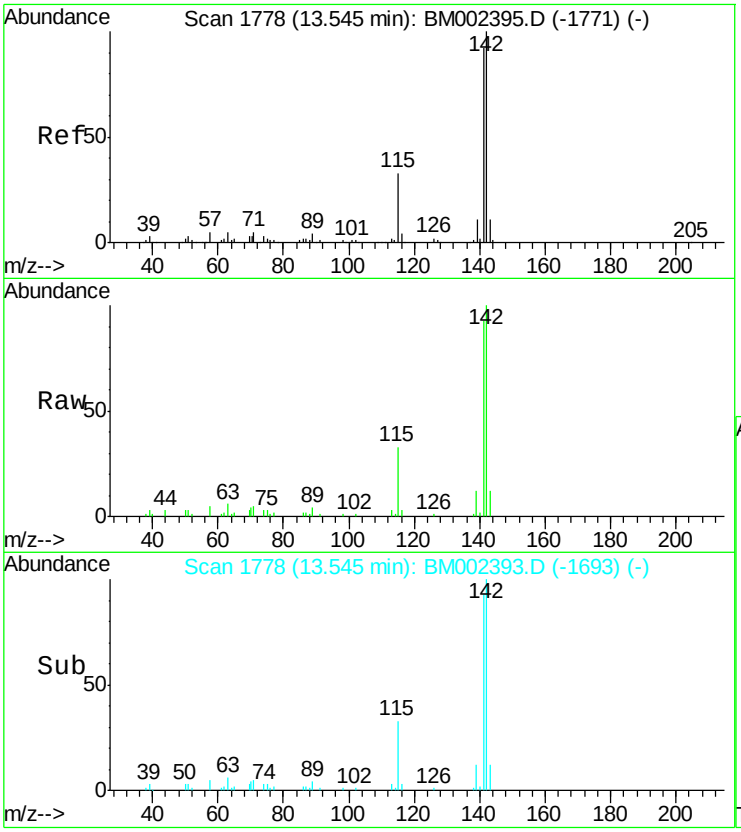


#4
2-Methylnaphthalene
Concen: 5.21 ng/ul
RT: 13.33 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Tgt Ion:142 Resp: 72925

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.2	108.2



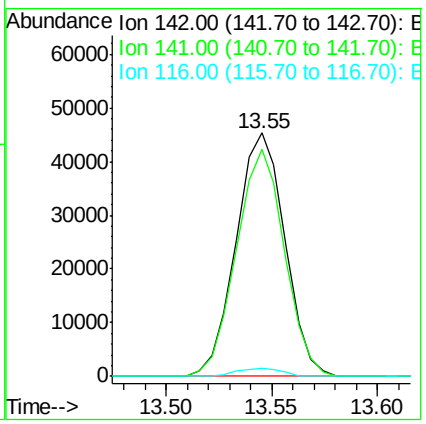


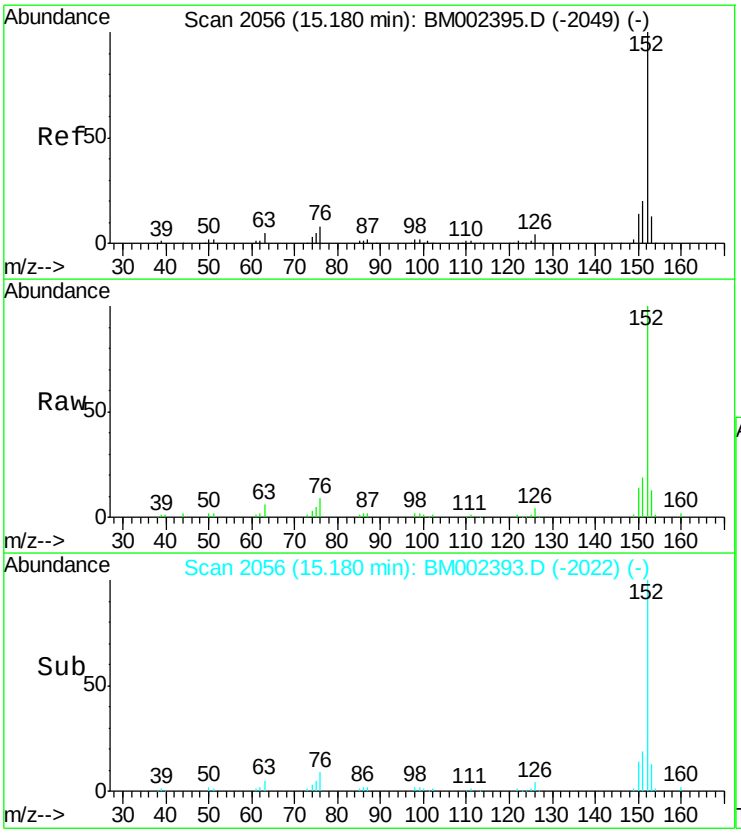
#5
1-Methylnaphthalene
Concen: 5.24 ng/ul
RT: 13.55 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 72533

Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.9	110.9
116	3.3	3.0	4.4

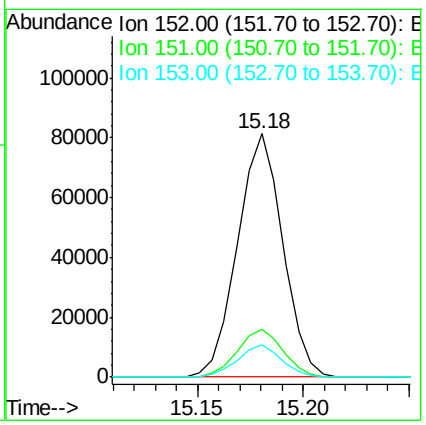


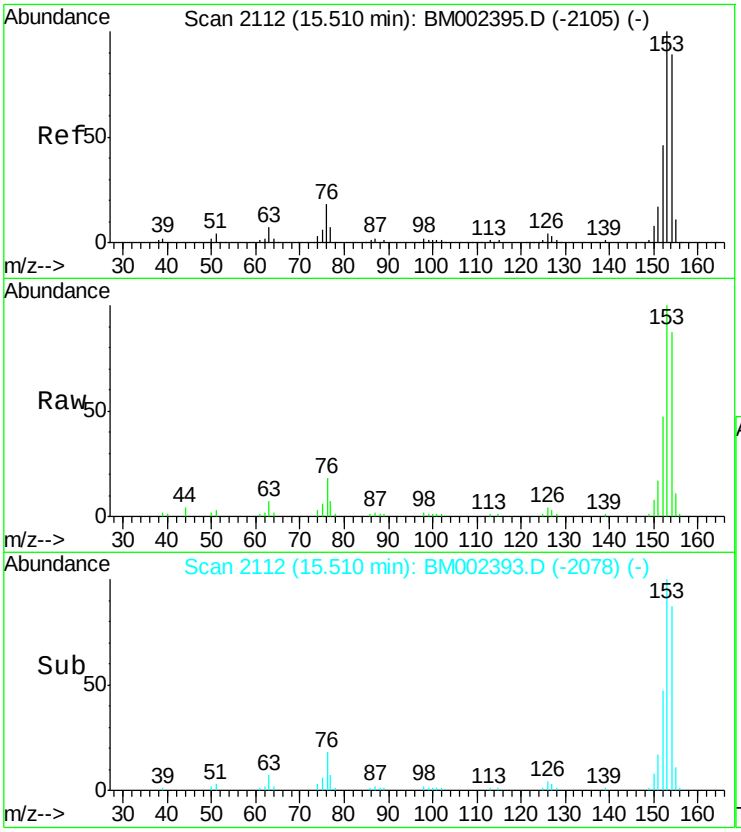


#8
Acenaphthylene
Concen: 5.09 ng/ul
RT: 15.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Tgt Ion:152 Resp: 120925

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.2	10.2	15.4



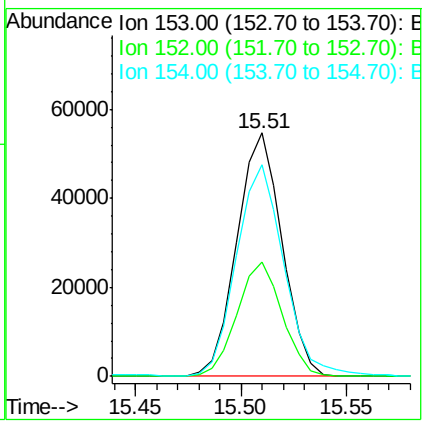


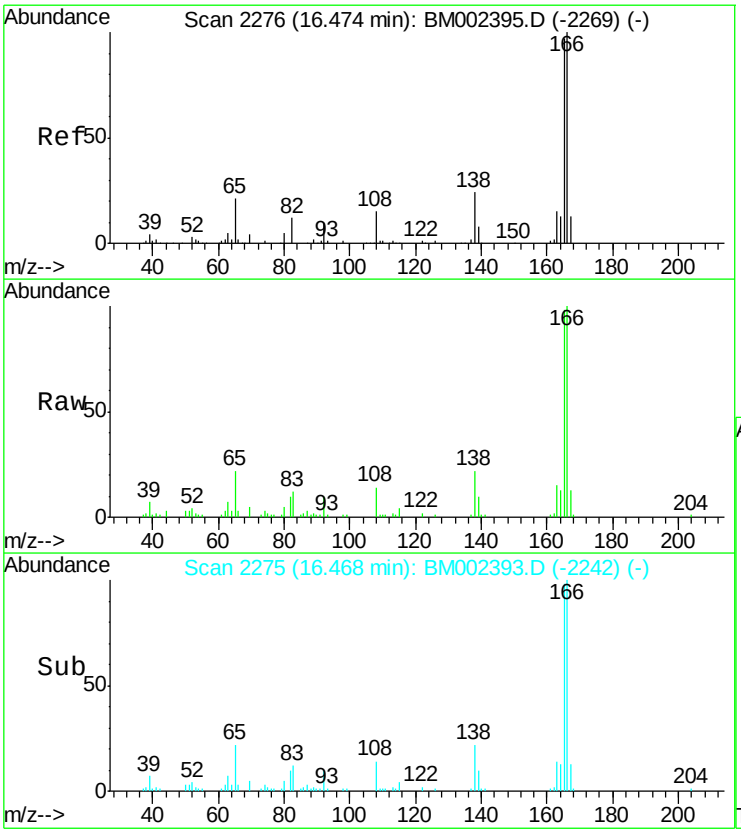
#9
Acenaphthene
Concen: 5.19 ng/ul
RT: 15.51 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 81181

Ion	Ratio	Lower	Upper
153	100		
152	47.1	36.9	55.3
154	87.1	71.3	106.9

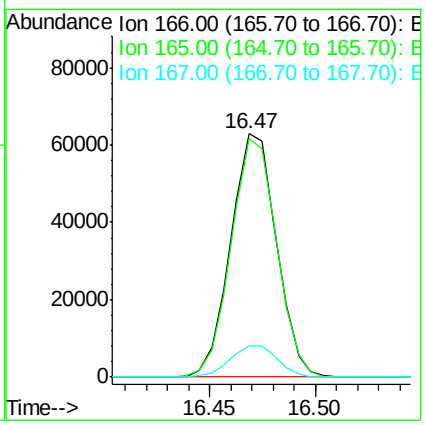


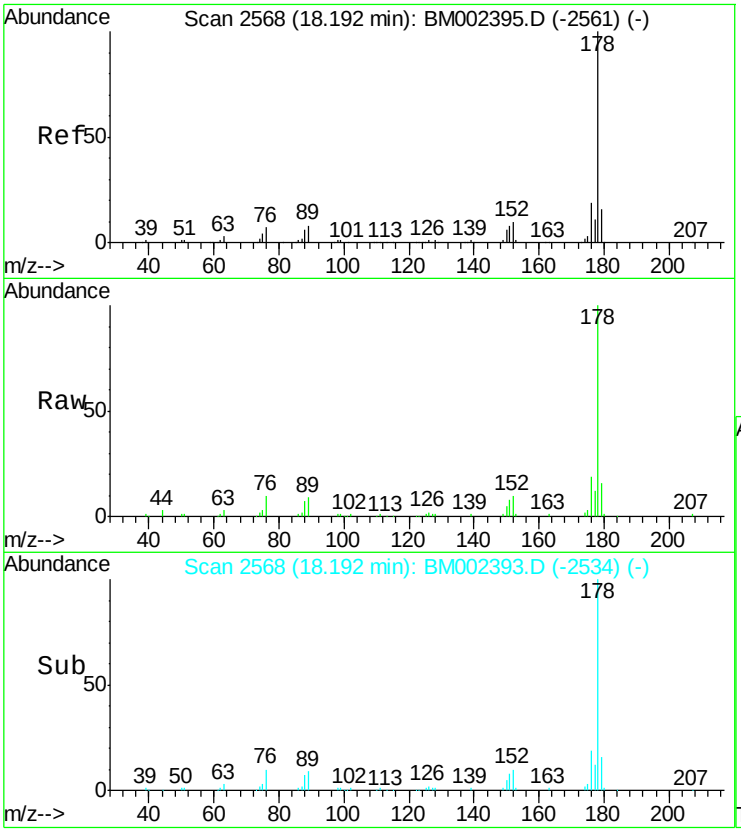


#11
Fluorene
Concen: 5.26 ng/ul
RT: 16.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Tgt Ion:166 Resp: 94297

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.6	116.4
167	13.0	10.7	16.1



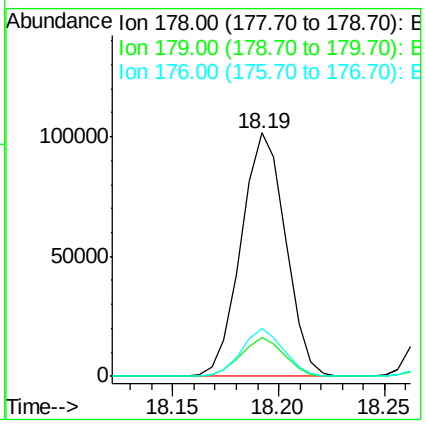


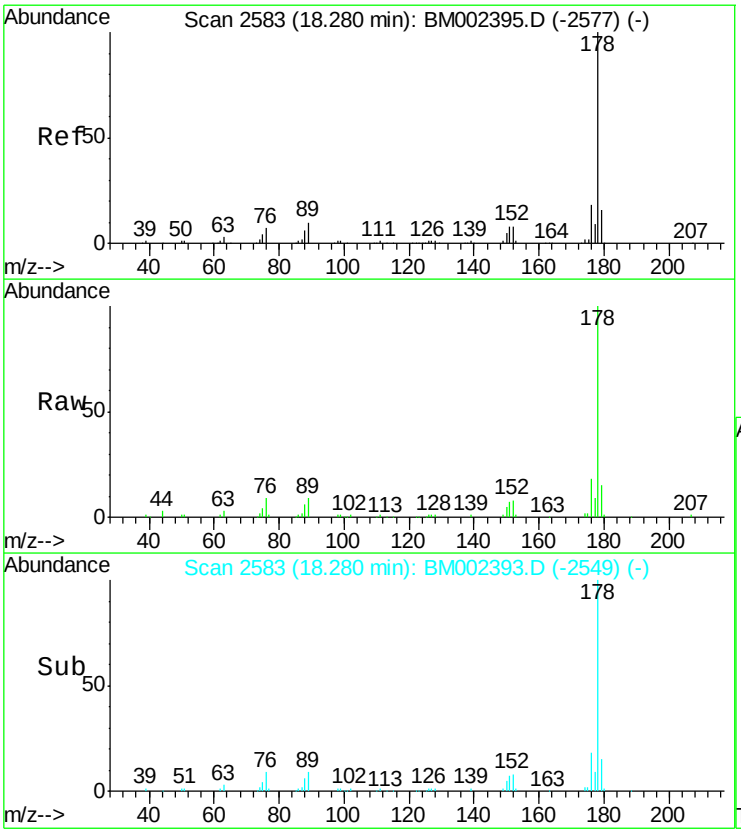
#13
Phenanthrene
Concen: 5.19 ng/ul
RT: 18.19 min Scan# 2568
Delta R.T. -0.00 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 148666

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	19.5	15.1	22.7

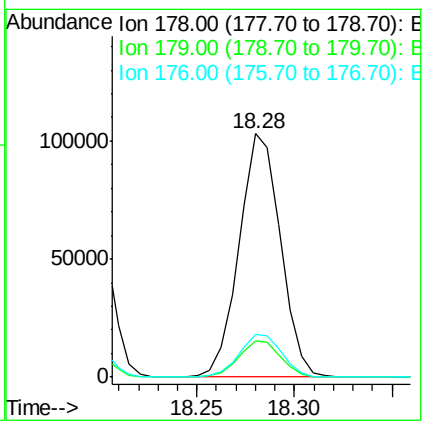


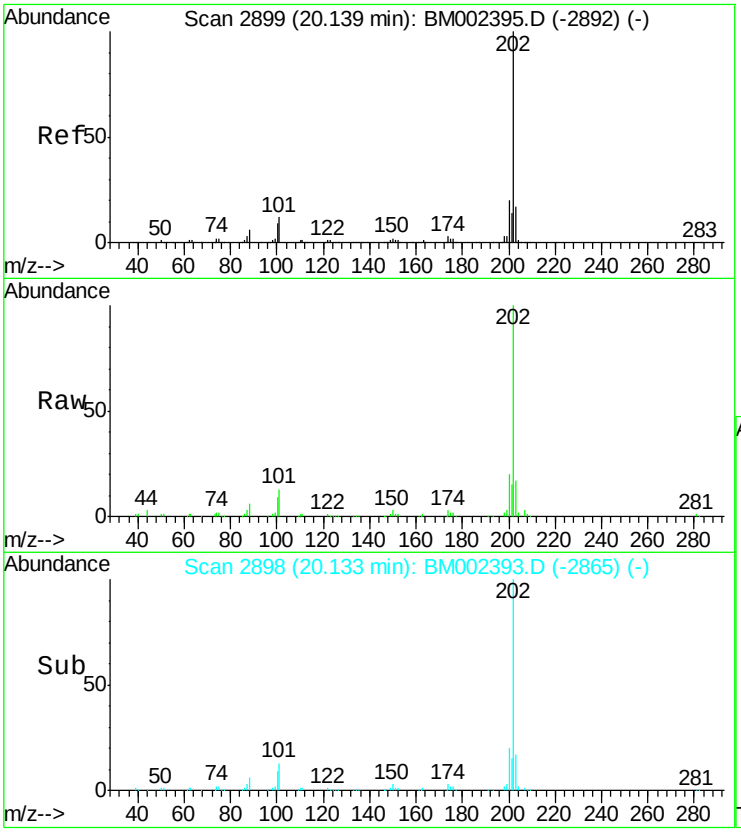


#15
Anthracene
Concen: 5.20 ng/ul
RT: 18.28 min Scan# 2583
Delta R.T. -0.00 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Tgt Ion:178 Resp: 150847

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	18.8
176	17.8	14.5	21.7



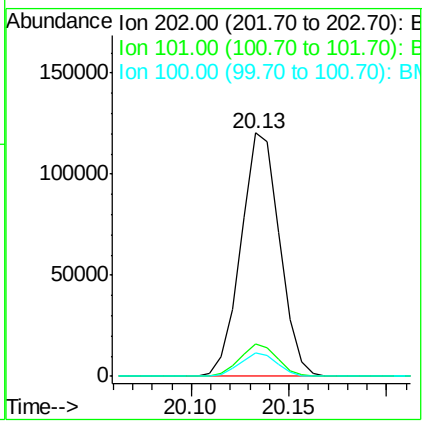


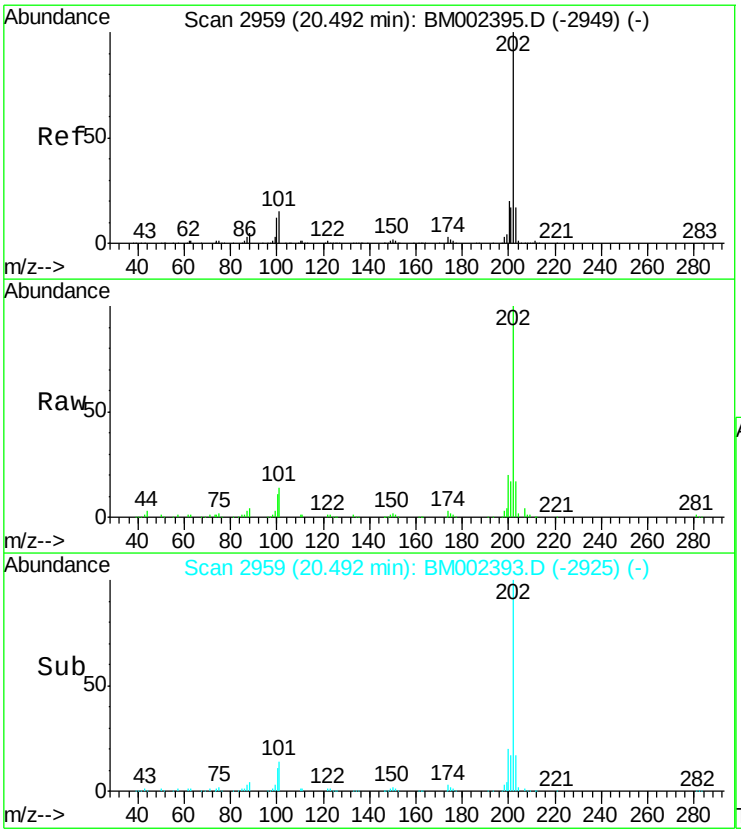
#16
Fluoranthene
Concen: 5.09 ng/ul
RT: 20.13 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 165028

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.7	14.5
100	9.5	7.4	11.2

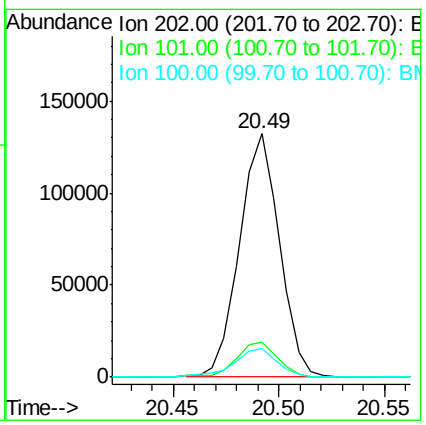


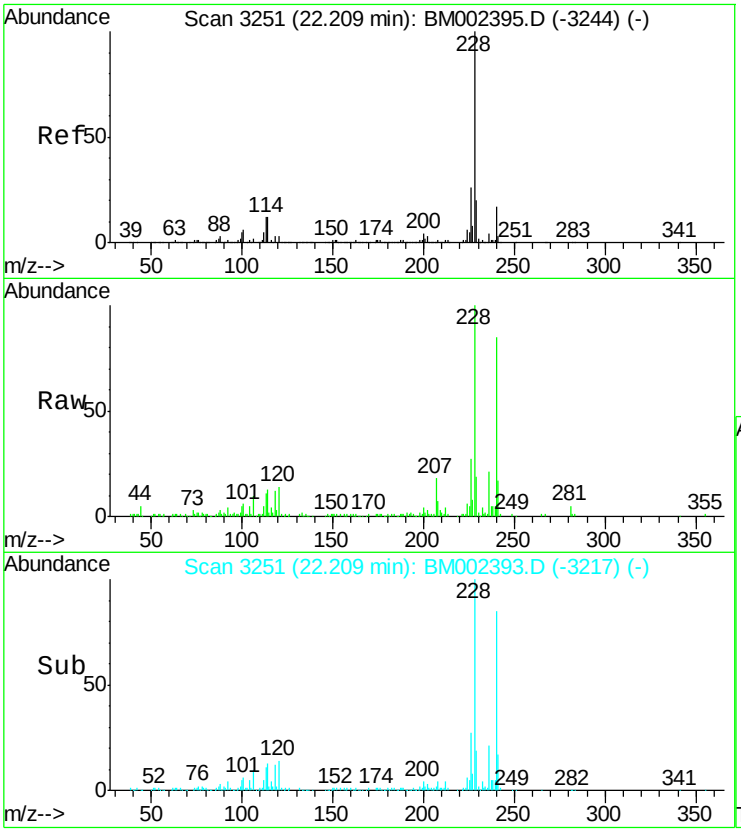


#19
Pyrene
Concen: 5.47 ng/ul
RT: 20.49 min Scan# 2959
Delta R.T. -0.00 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Tgt Ion:202 Resp: 173687

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.0	18.0
100	11.5	9.7	14.5



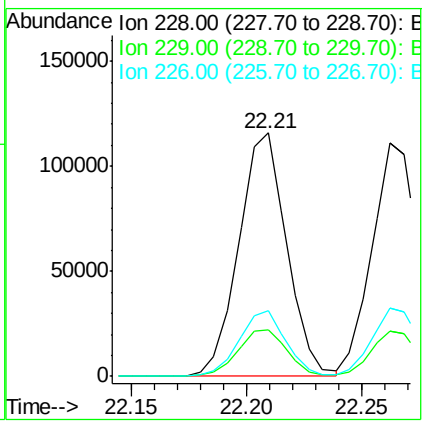


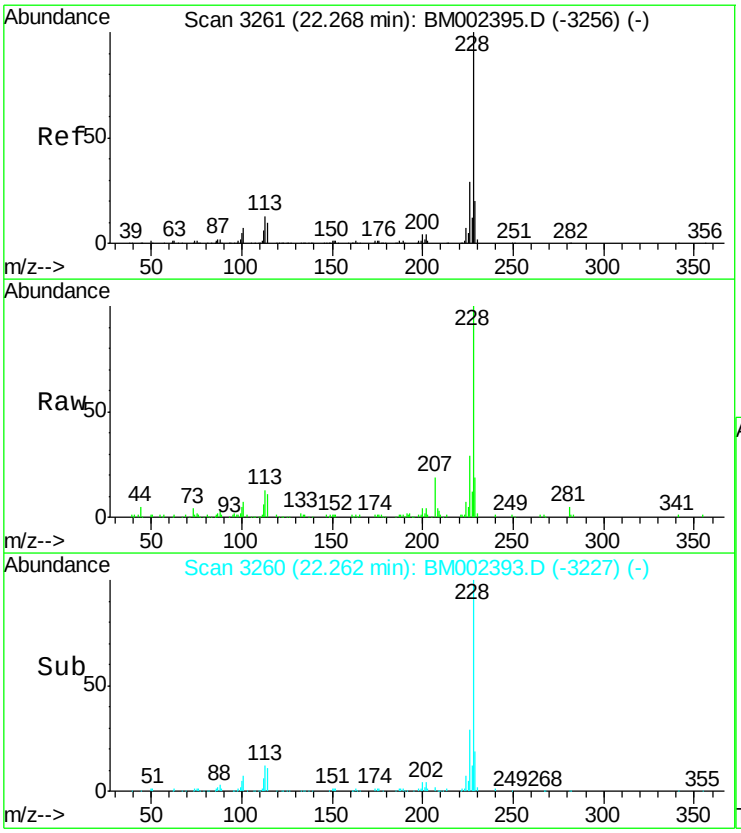
#20
Benzo(a)anthracene
Concen: 5.18 ng/ul
RT: 22.21 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 167811

Ion	Ratio	Lower	Upper
228	100		
229	18.8	15.8	23.6
226	27.0	21.1	31.7

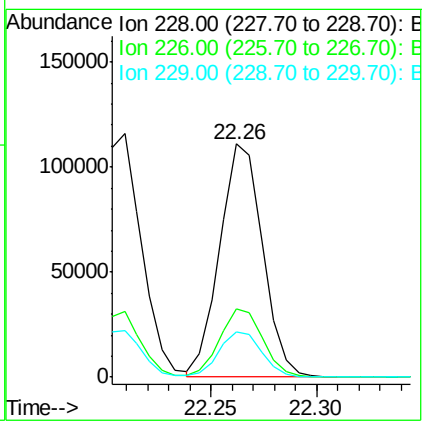


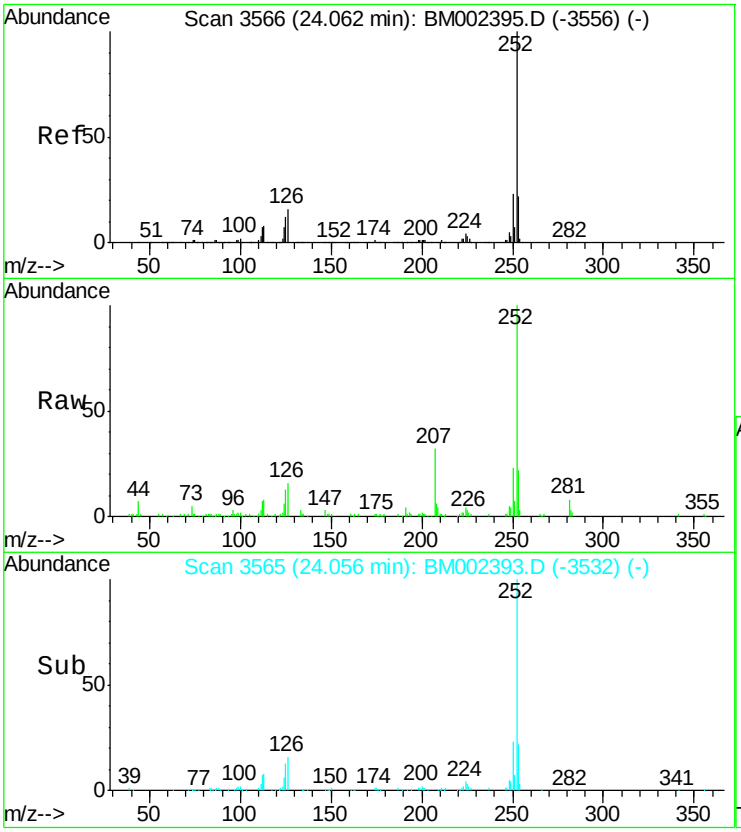


#21
Chrysene
Concen: 5.15 ng/ul
RT: 22.26 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Tgt Ion:228 Resp: 156138

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	19.3	15.7	23.5



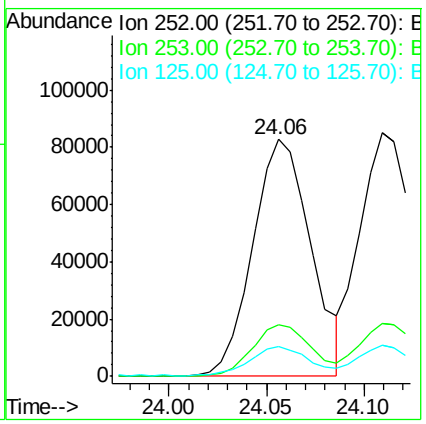


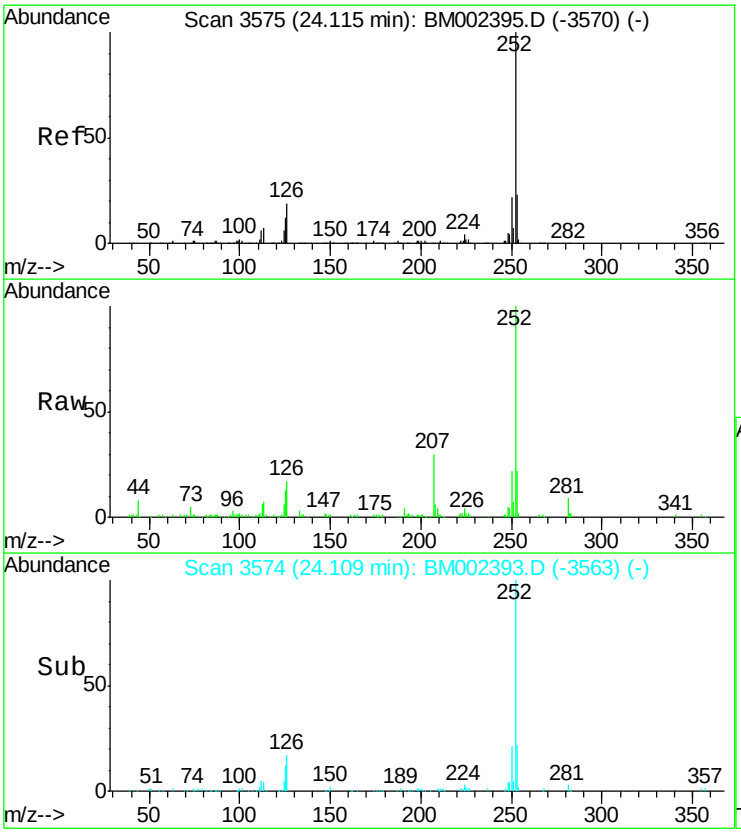
#23
Benzo(b)fluoranthene
Concen: 5.16 ng/ul
RT: 24.06 min Scan# 3565
Delta R.T. -0.01 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 170749

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	12.5	10.0	15.0

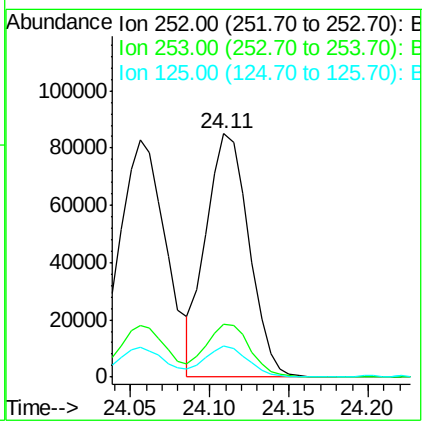


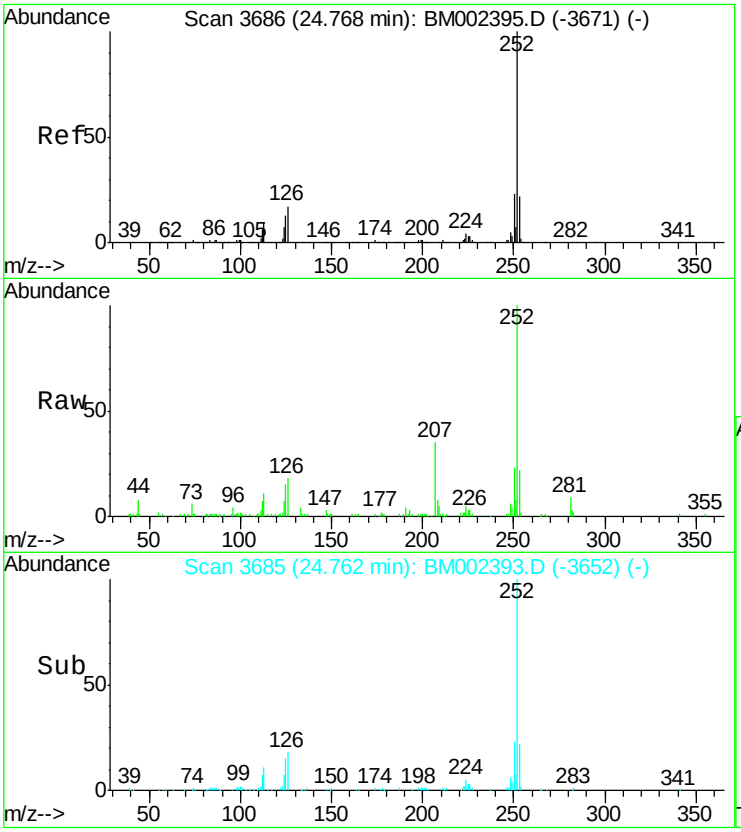


#24
Benzo(k)fluoranthene
Concen: 5.14 ng/ul
RT: 24.11 min Scan# 3574
Delta R.T. -0.01 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Tgt Ion:252 Resp: 161088

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	12.9	9.8	14.8



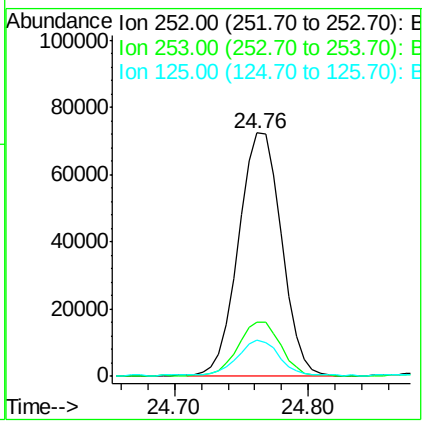


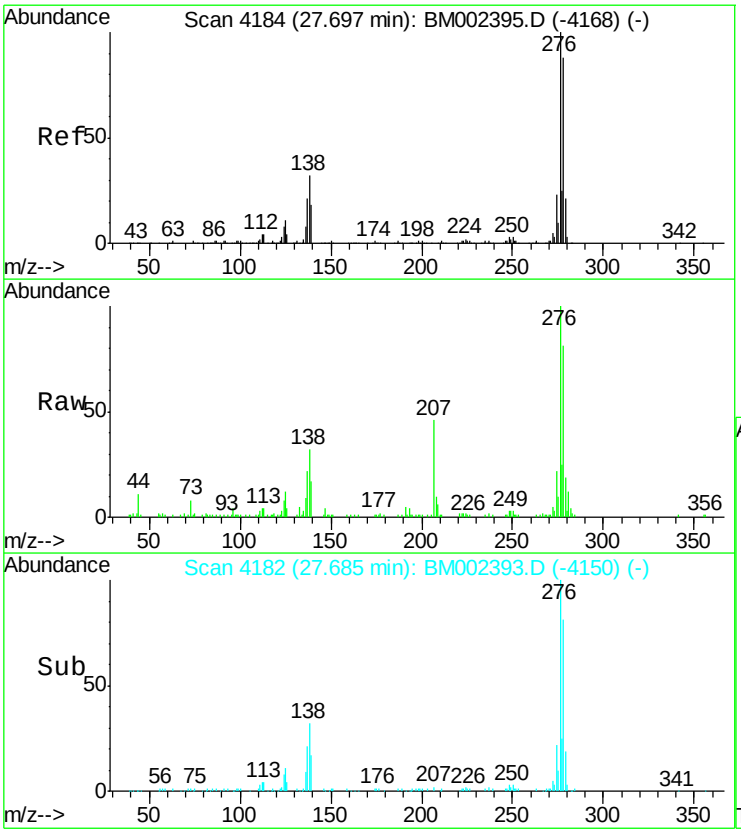
#26
Benzo(a)pyrene
Concen: 5.12 ng/ul
RT: 24.76 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 161836

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	14.8	10.7	16.1

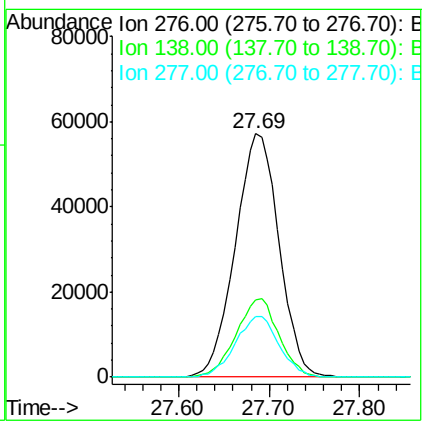


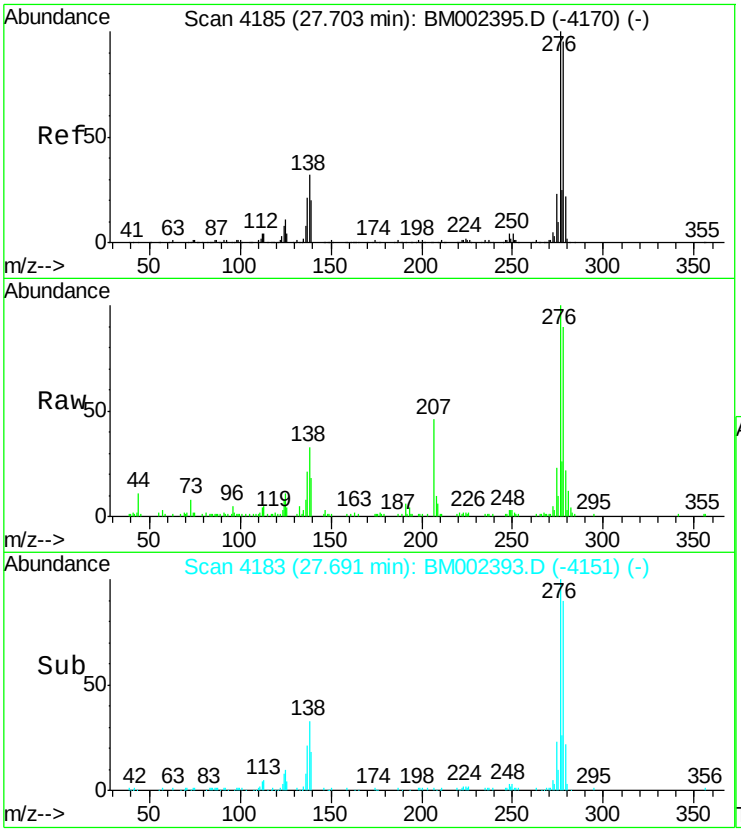


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.27 ng/ul
RT: 27.69 min Scan# 4182
Delta R.T. -0.01 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Tgt Ion:276 Resp: 191407

Ion	Ratio	Lower	Upper
276	100		
138	31.8	25.3	37.9
277	25.0	20.2	30.2



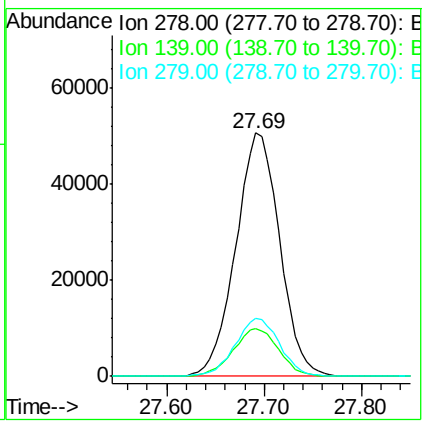


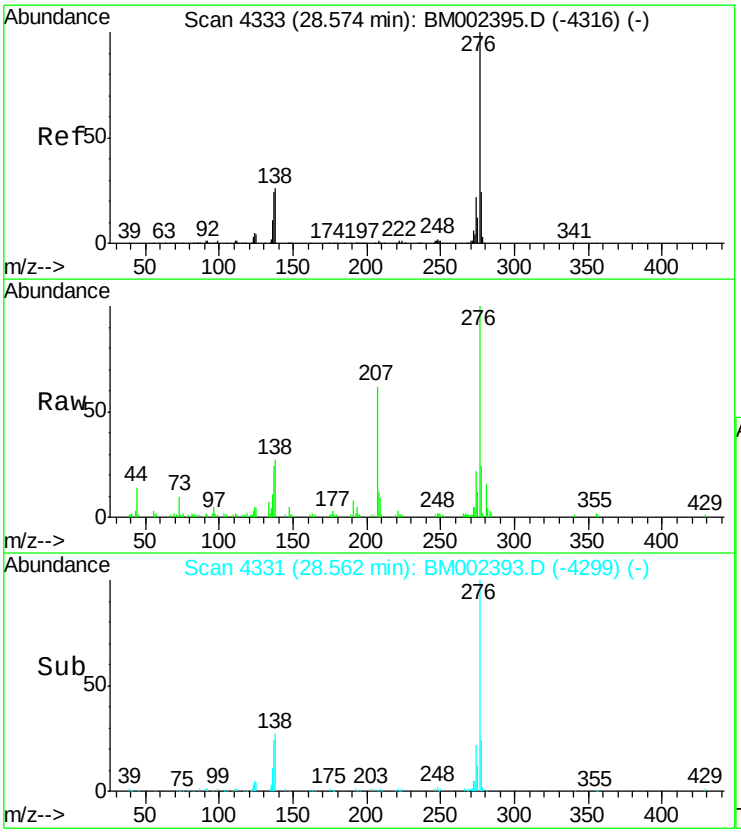
#28
Dibenzo(a,h)anthracene
Concen: 5.24 ng/ul
RT: 27.69 min Scan# 4183
Delta R.T. -0.01 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 159067

Ion	Ratio	Lower	Upper
278	100		
139	19.7	16.5	24.7
279	24.0	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 5.23 ng/ul
RT: 28.56 min Scan# 4331
Delta R.T. -0.01 min
Lab File: BM002393.D
Acq: 14 Aug 2015 19:49

Tgt Ion:276 Resp: 158258

Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.0	31.6
277	23.7	19.2	28.8