Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002397.D
Acq On : 14 Aug 2015 22:16
Operator : UM/IZ
Sample : SSTD08036
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08036

Quant Time: Aug 17 01:38:01 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	96282	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	466244	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	261457	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	558721	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	572176	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	576743	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	2146056	80.28	ng/ul	0.00
10) Fluorene-d10	16.42	176	1455815	77.54	ng/ul	0.00
14) Anthracene-d10	18.26	188	2112301	78.38	ng/ul	0.00
18) Pyrene-d10	20.47	212	2163826	85.32	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.73	264	2428783	80.17	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	11.79	128	1914225	80.45	ng/ul	99
4) 2-Methylnaphthalene	13.33	142	1410788	79.13	ng/ul	99
5) 1-Methylnaphthalene	13.55	142	1386952	78.65	ng/ul	100
8) Acenaphthylene	15.19	152	2226122	79.56	ng/ul	99
9) Acenaphthene	15.52	153	1460976	79.27	ng/ul	99
11) Fluorene	16.48	166	1642506	77.78	ng/ul	100
13) Phenanthrene	18.20	178	2543935	78.85	ng/ul	100
15) Anthracene	18.29	178	2555530	78.16	ng/ul	99
16) Fluoranthene	20.14	202	2753194	75.37	ng/ul	96
19) Pyrene	20.50	202	2821782	84.18	ng/ul	98
20) Benzo(a)anthracene	22.21	228	2690132	78.62	ng/ul	99
21) Chrysene	22.27	228	2521018	78.77	ng/ul	99
23) Benzo(b)fluoranthene	24.07	252	2788115	79.96	ng/ul	99
24) Benzo(k)fluoranthene	24.13	252	2618972	79.26	ng/ul	99
26) Benzo(a)pyrene	24.79	252	2648129	79.52	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.73	276	2945389	76.90	ng/ul	97
28) Dibenzo(a,h)anthracene	27.73	278	2455639	76.71	ng/ul	100
29) Benzo(g,h,i)perylene	28.60	276	2460243	77.17	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
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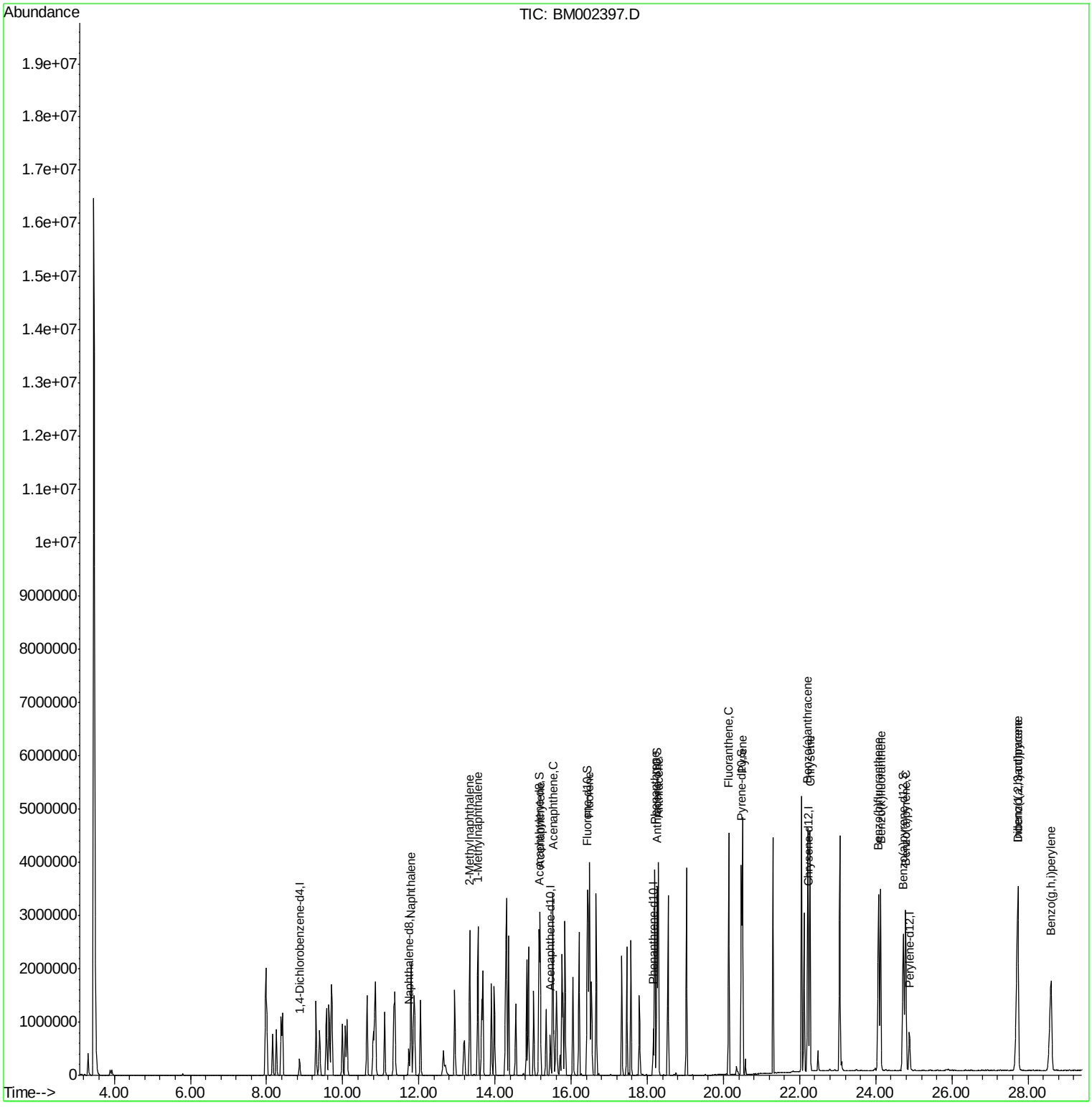
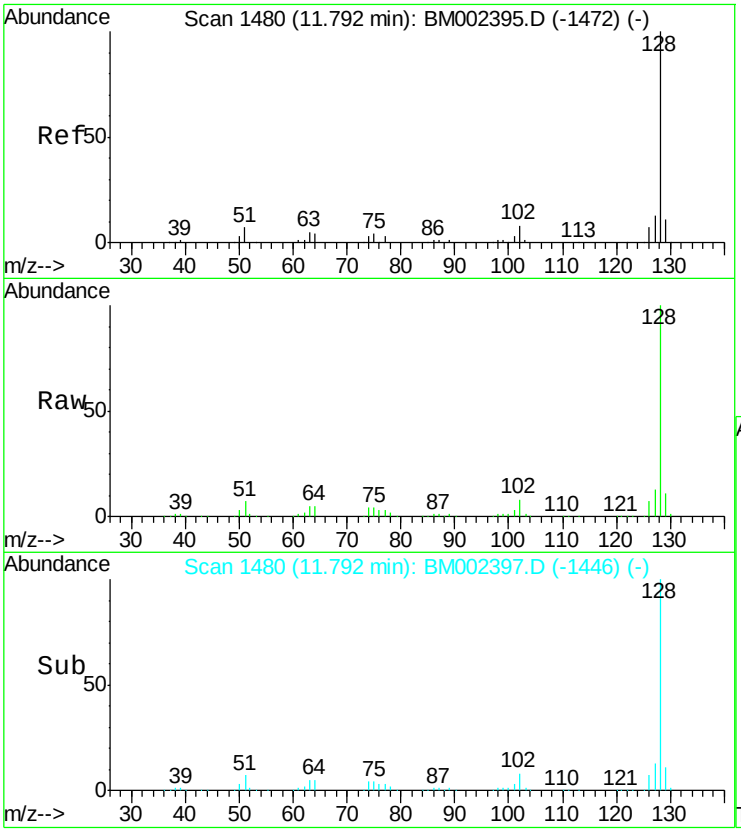
Acq On : 14 Aug 2015 22:16
Operator : UM/IZ
Sample : SSTD08036
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08036

Quant Time: Aug 17 01:38:01 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



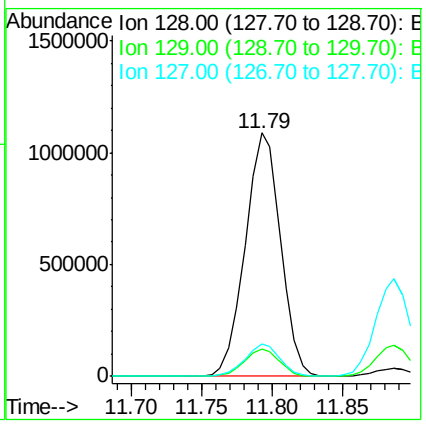


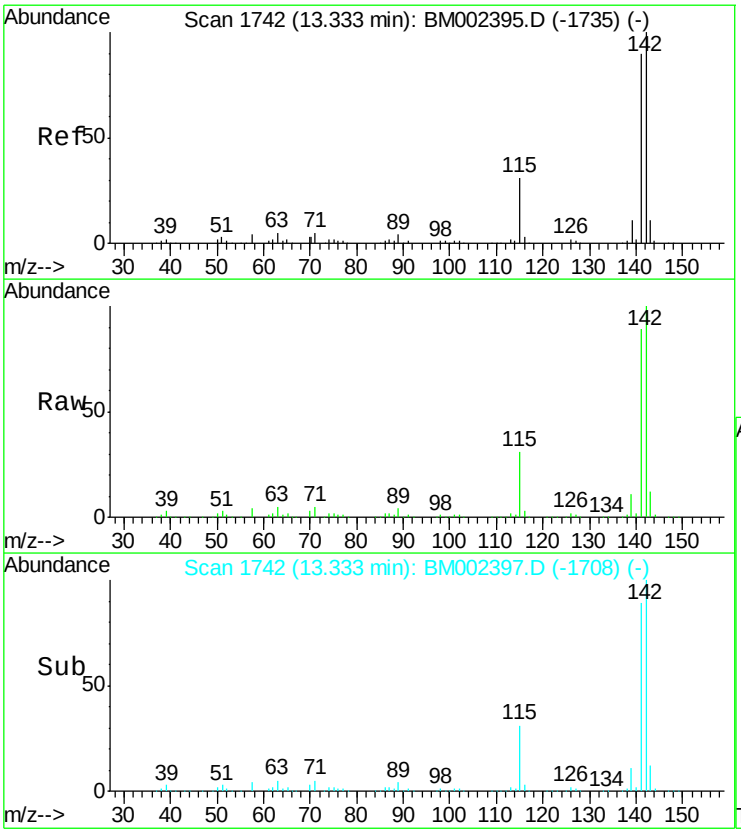
#3
Naphthalene
Concen: 80.45 ng/ul
RT: 11.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Instrument :
BNA_M
ClientSampleId :
SSTD08036

Tgt Ion:128 Resp: 1914225

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.2	10.4	15.6

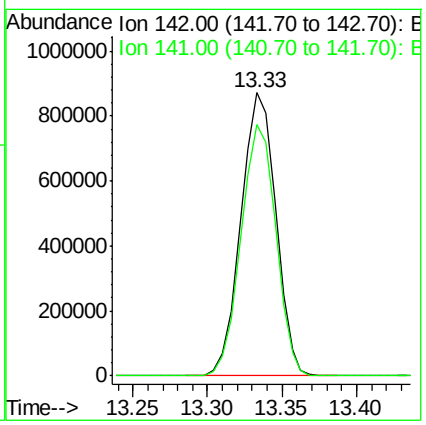


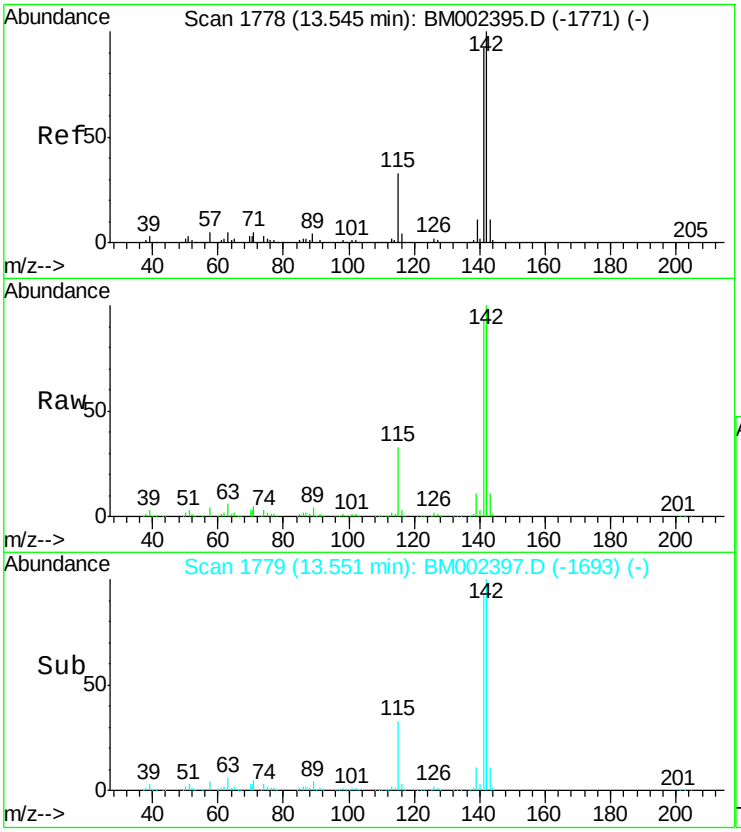


#4
2-Methylnaphthalene
Concen: 79.13 ng/ul
RT: 13.33 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Tgt Ion:142 Resp: 1410788

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.2	108.2



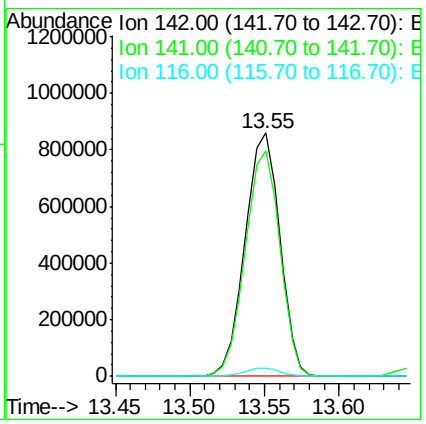


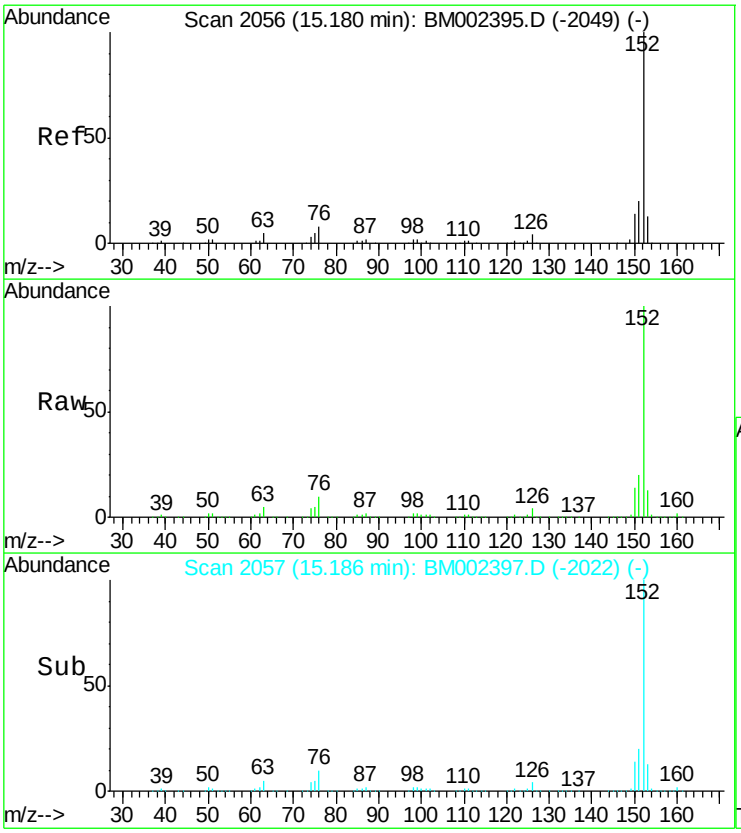
#5
1-Methylnaphthalene
Concen: 78.65 ng/ul
RT: 13.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Instrument :
BNA_M
ClientSampleId :
SSTD08036

Tgt Ion:142 Resp: 1386952

Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.9	110.9
116	3.4	3.0	4.4

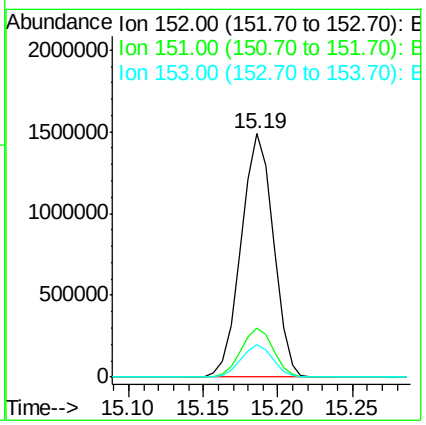


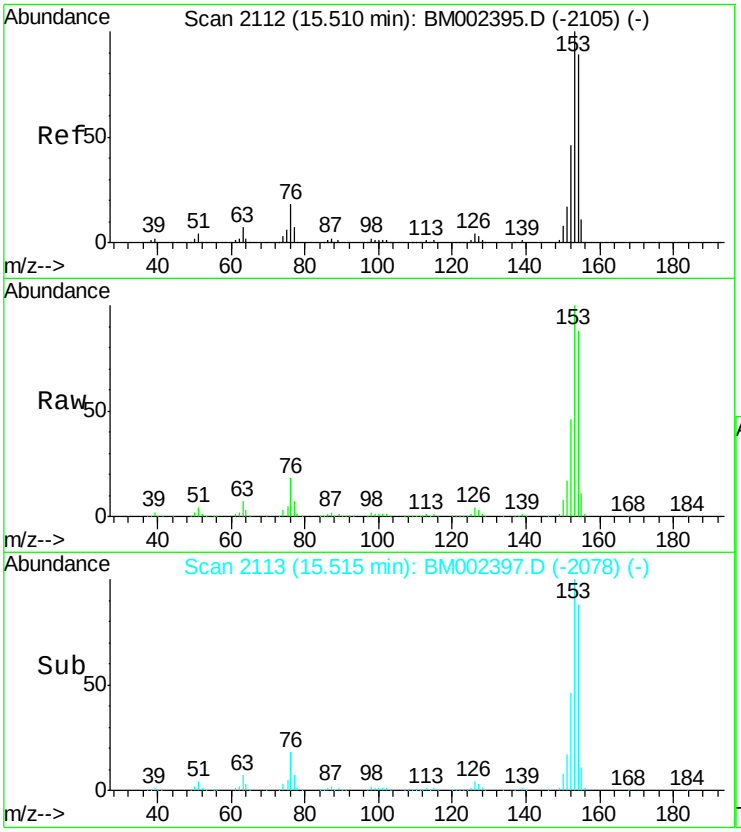


#8
Acenaphthylene
Concen: 79.56 ng/ul
RT: 15.19 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Tgt Ion:152 Resp: 2226122

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.3	10.2	15.4



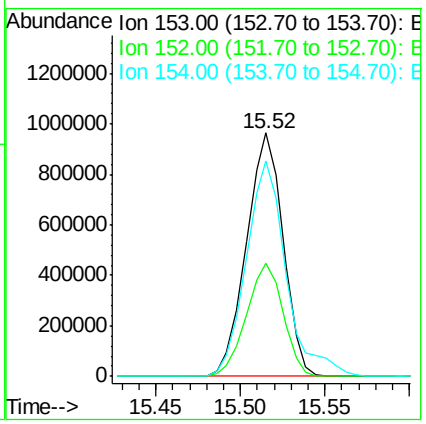


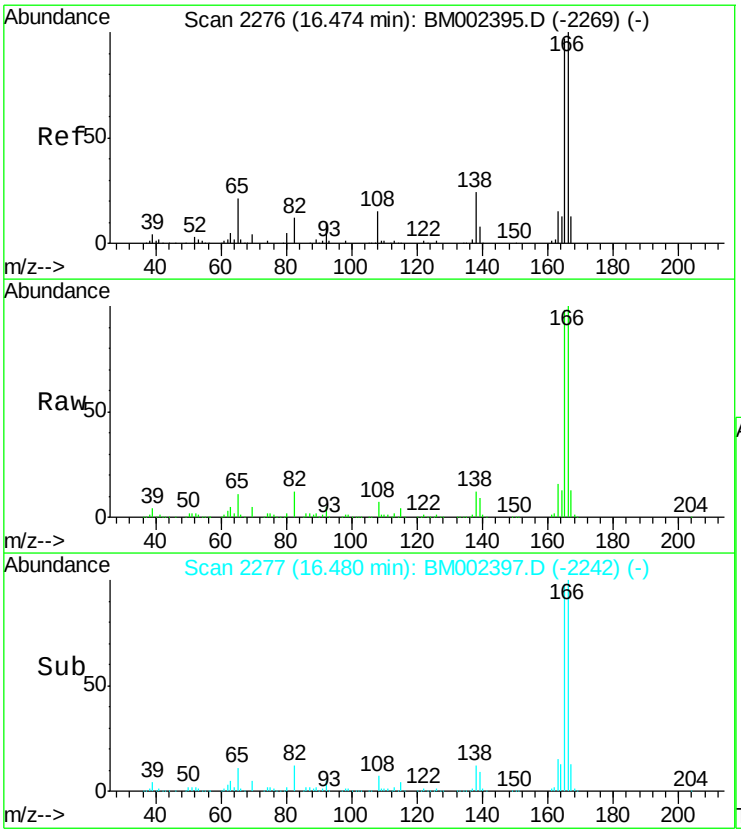
#9
Acenaphthene
Concen: 79.27 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Instrument :
BNA_M
ClientSampleId :
SSTD08036

Tgt Ion:153 Resp: 1460976

Ion	Ratio	Lower	Upper
153	100		
152	46.4	36.9	55.3
154	88.2	71.3	106.9

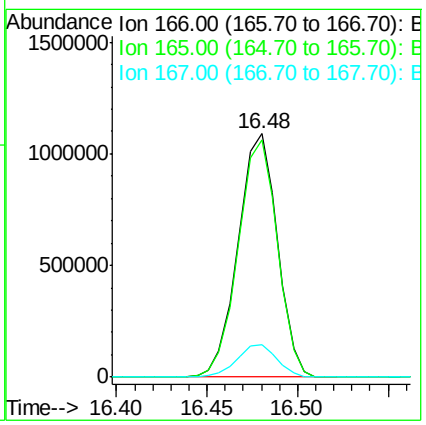


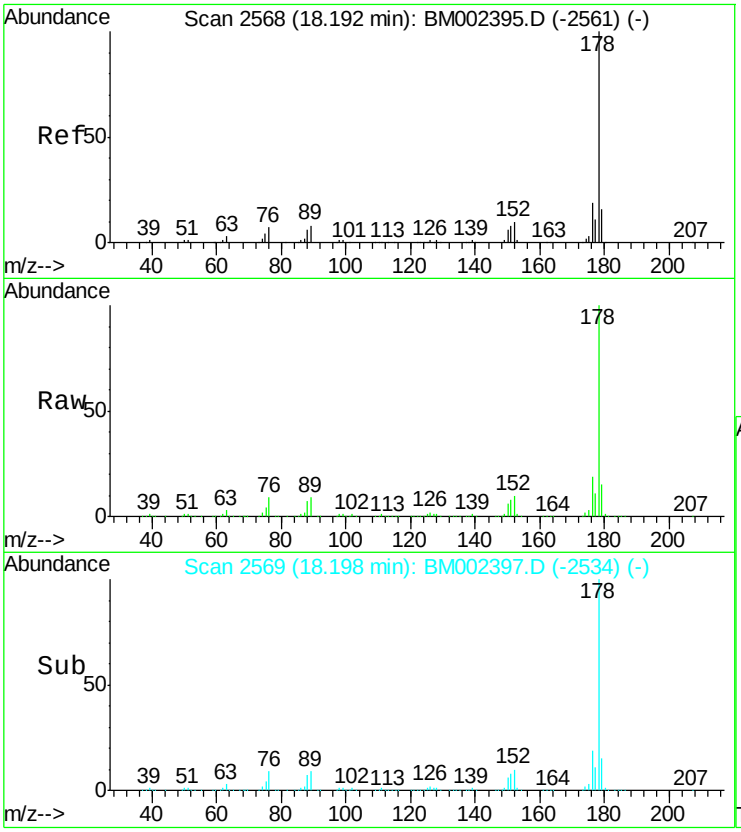


#11
Fluorene
Concen: 77.78 ng/ul
RT: 16.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Tgt Ion:166 Resp: 1642506

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.6	116.4
167	13.3	10.7	16.1



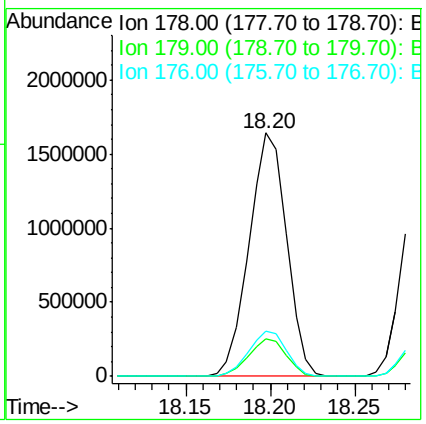


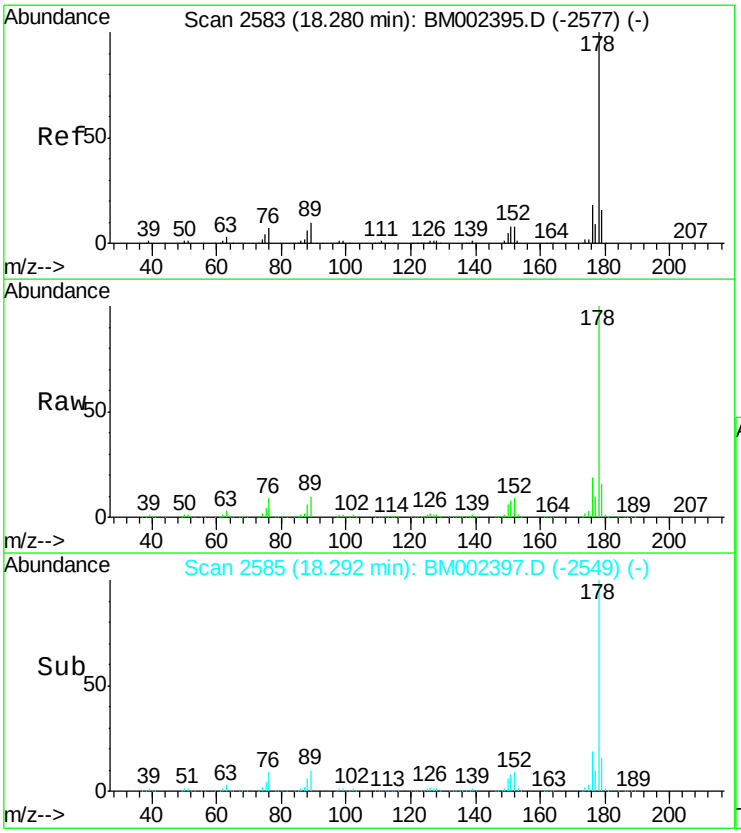
#13
Phenanthrene
Concen: 78.85 ng/ul
RT: 18.20 min Scan# 2569
Delta R.T. 0.01 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Instrument :
BNA_M
ClientSampleId :
SSTD08036

Tgt Ion:178 Resp: 2543935

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.8	15.1	22.7

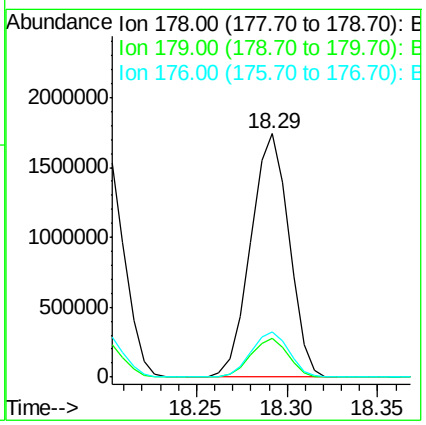


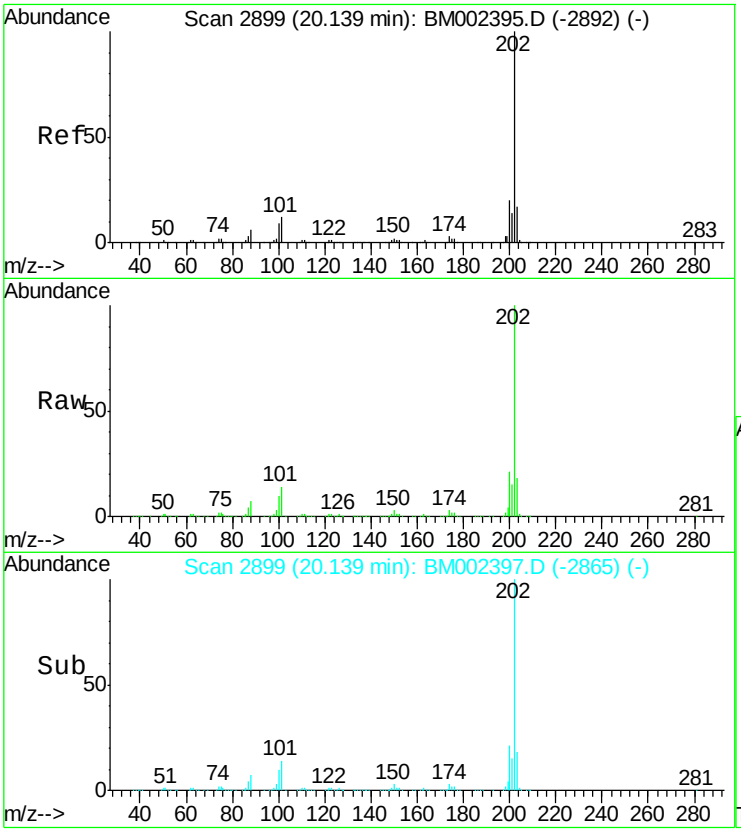


#15
Anthracene
Concen: 78.16 ng/ul
RT: 18.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Tgt Ion:178 Resp: 2555530

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	18.6	14.5	21.7



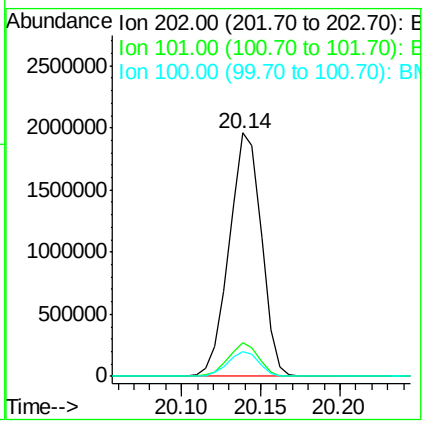


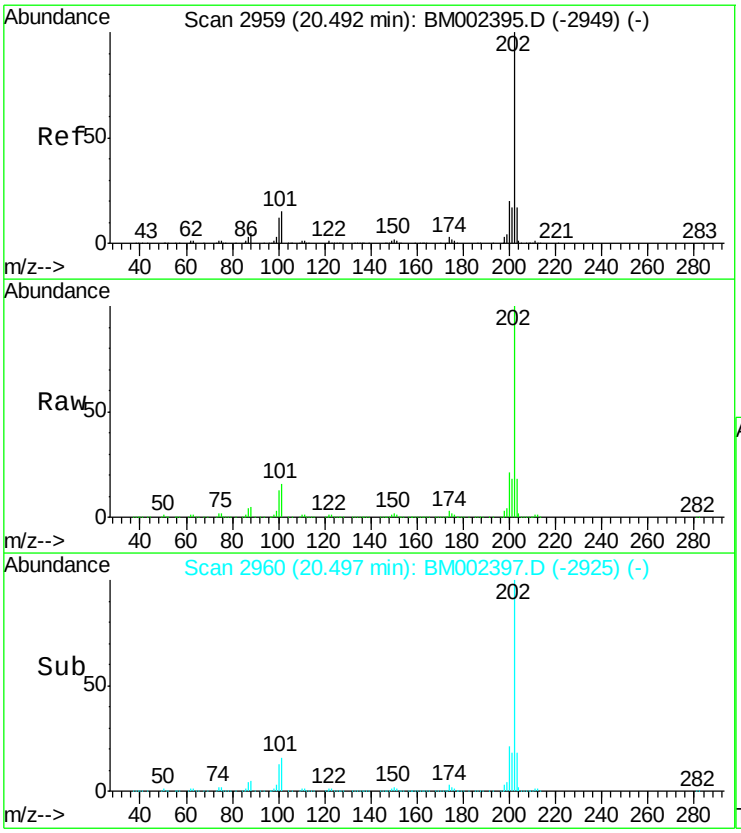
#16
Fluoranthene
Concen: 75.37 ng/ul
RT: 20.14 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Instrument :
BNA_M
ClientSampleId :
SSTD08036

Tgt Ion:202 Resp: 2753194

Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.7	14.5
100	10.3	7.4	11.2

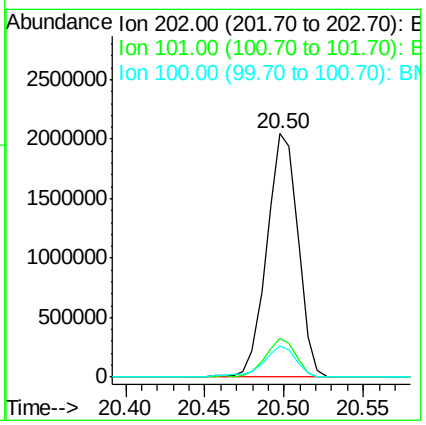


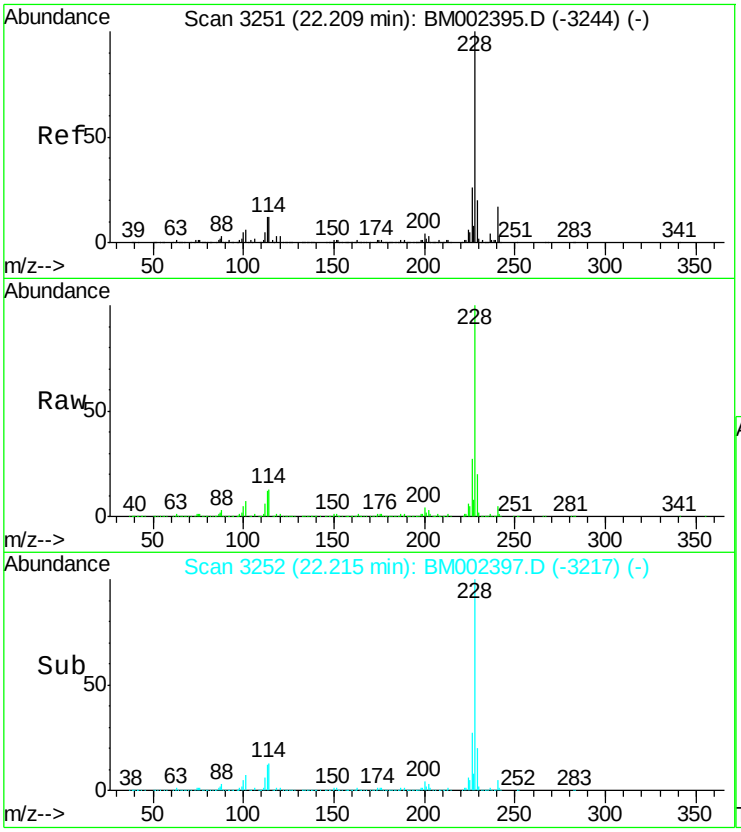


#19
Pyrene
Concen: 84.18 ng/ul
RT: 20.50 min Scan# 2960
Delta R.T. 0.01 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Tgt Ion:202 Resp: 2821782

Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.0	18.0
100	13.0	9.7	14.5



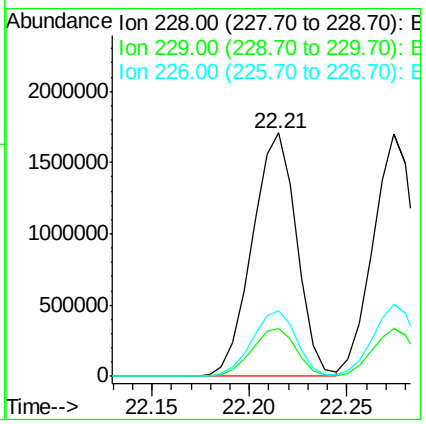


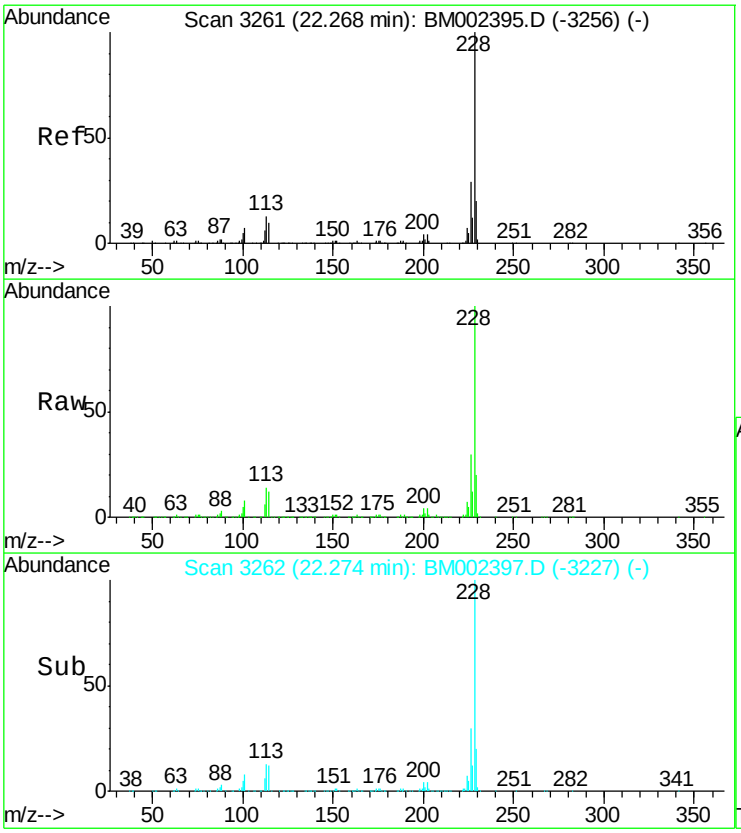
#20
Benzo(a)anthracene
Concen: 78.62 ng/ul
RT: 22.21 min Scan# 3252
Delta R.T. 0.01 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Instrument :
BNA_M
ClientSampleId :
SSTD08036

Tgt Ion:228 Resp: 2690132

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.6
226	27.1	21.1	31.7

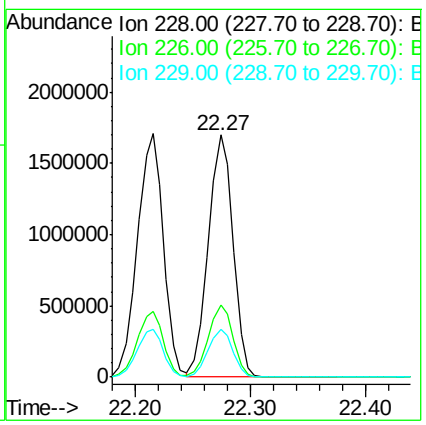


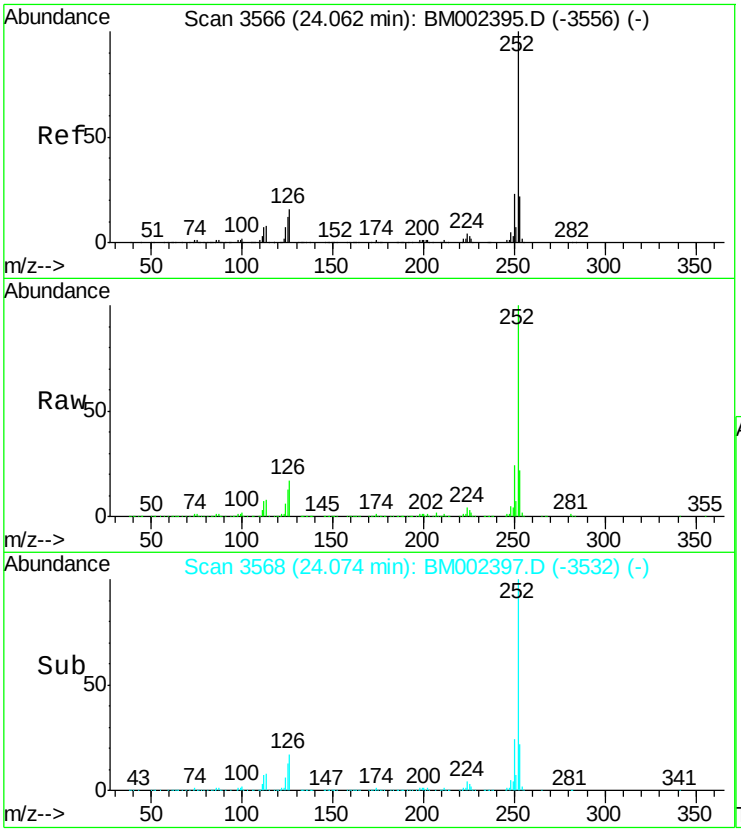


#21
Chrysene
Concen: 78.77 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. 0.01 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Tgt Ion:228 Resp: 2521018

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	19.8	15.7	23.5



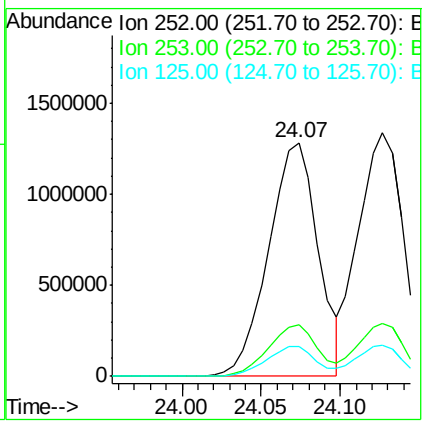


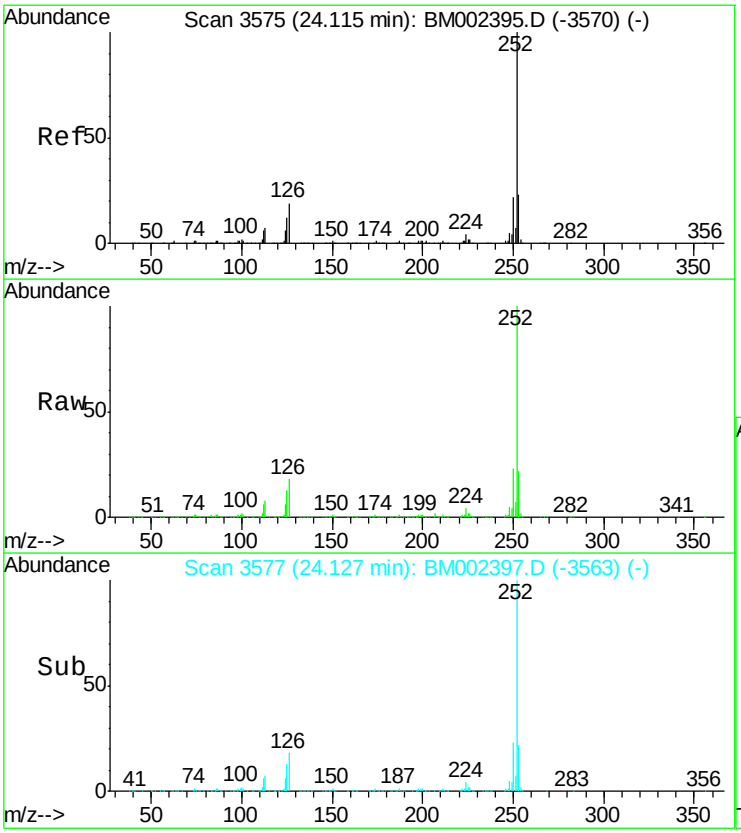
#23
Benzo(b)fluoranthene
Concen: 79.96 ng/ul
RT: 24.07 min Scan# 3568
Delta R.T. 0.01 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Instrument :
BNA_M
ClientSampleId :
SSTD08036

Tgt Ion:252 Resp: 2788115

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	12.7	10.0	15.0

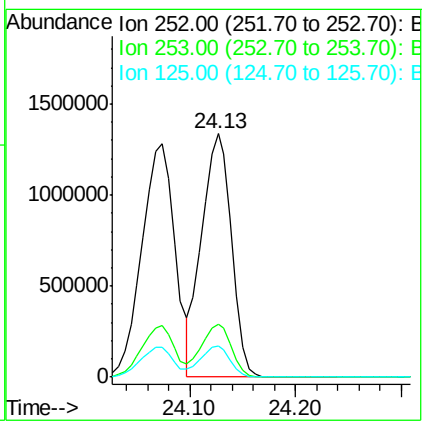


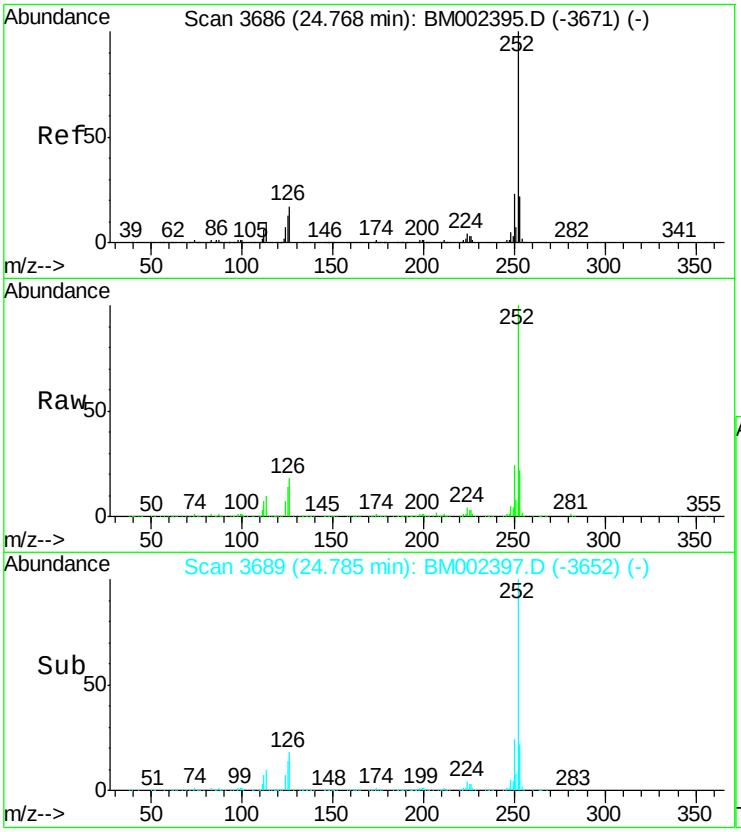


#24
Benzo(k)fluoranthene
Concen: 79.26 ng/ul
RT: 24.13 min Scan# 3577
Delta R.T. 0.01 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Tgt Ion:252 Resp: 2618972

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	13.0	9.8	14.8



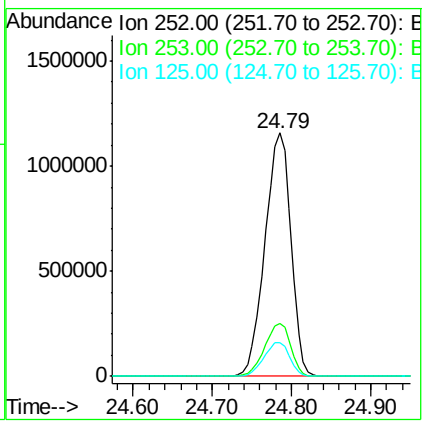


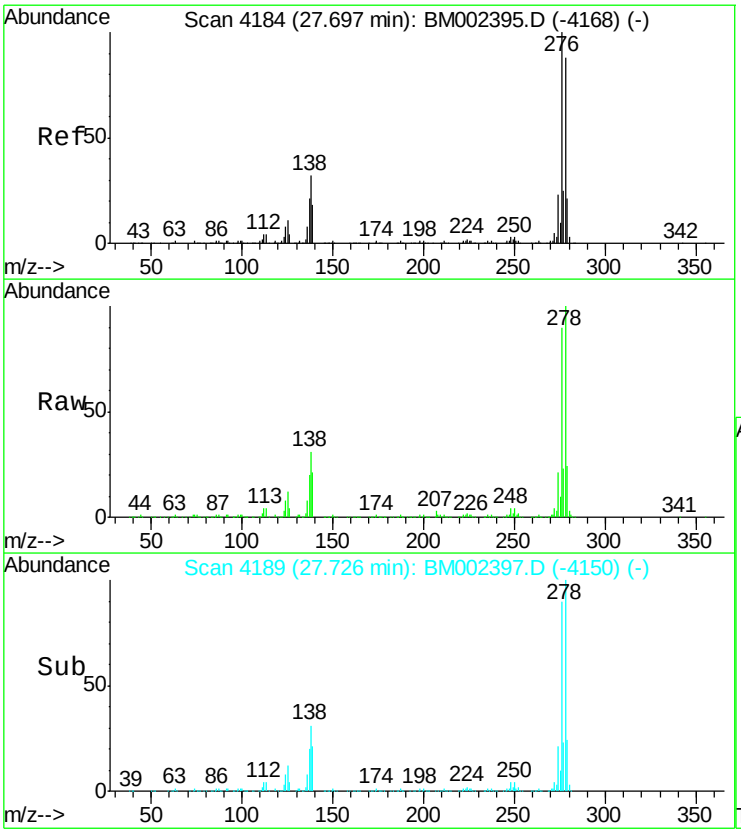
#26
Benzo(a)pyrene
Concen: 79.52 ng/ul
RT: 24.79 min Scan# 3689
Delta R.T. 0.02 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Instrument :
BNA_M
ClientSampleId :
SSTD08036

Tgt Ion:252 Resp: 2648129

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	13.8	10.7	16.1

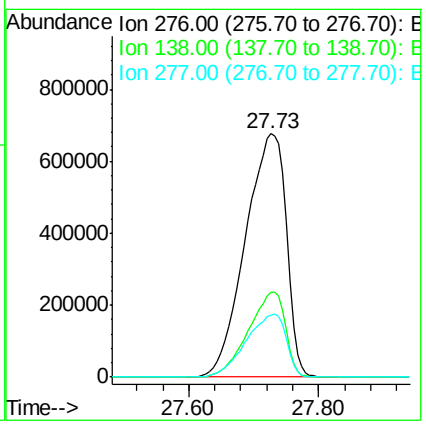


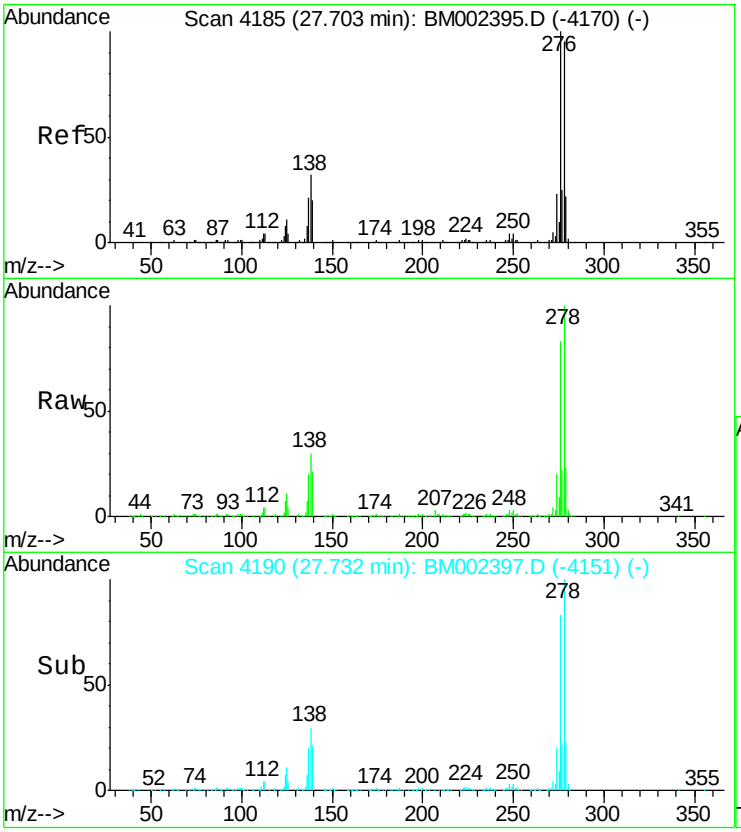


#27
Indeno(1,2,3-cd)pyrene
Concen: 76.90 ng/ul
RT: 27.73 min Scan# 4189
Delta R.T. 0.03 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Tgt Ion:276 Resp: 2945389

Ion	Ratio	Lower	Upper
276	100		
138	34.7	25.3	37.9
277	25.3	20.2	30.2



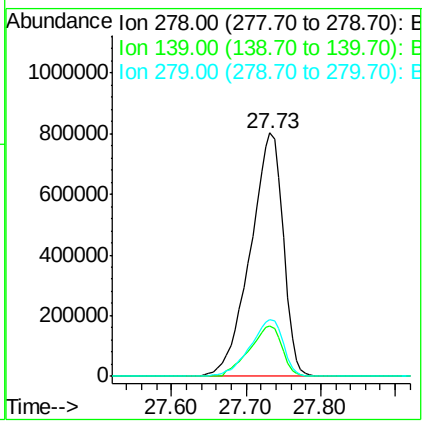


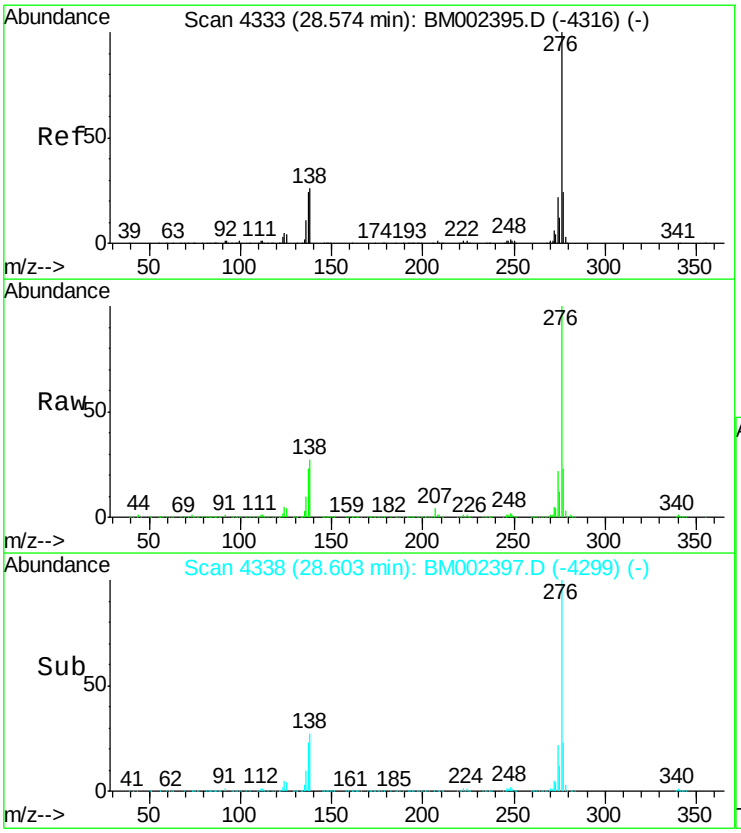
#28
Dibenzo(a,h)anthracene
Concen: 76.71 ng/ul
RT: 27.73 min Scan# 4190
Delta R.T. 0.03 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Instrument :
BNA_M
ClientSampleId :
SSTD08036

Tgt Ion:278 Resp: 2455639

Ion	Ratio	Lower	Upper
278	100		
139	20.7	16.5	24.7
279	23.4	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 77.17 ng/ul
RT: 28.60 min Scan# 4338
Delta R.T. 0.03 min
Lab File: BM002397.D
Acq: 14 Aug 2015 22:16

Tgt Ion:276 Resp: 2460243

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.0	31.6
277	23.5	19.2	28.8