Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002195.D
Acq On : 03 Aug 2015 13:39
Operator : TP/UM
Sample : G3073-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01N6

Quant Time: Aug 04 02:34:23 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:31:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	81460	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	358615	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	235601	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	569140	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	708391	20.00	ng/ul	0.01
86) Perylene-d12	23.37	264	574873	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	2108	1.34	ng/uL	0.00
5) Phenol-d5	6.72	99	70317	12.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	36096	11.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	58086	11.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	58924	12.73	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	29281	11.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	34795	12.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	66979	12.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	47677	7.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	213588	12.38	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	255052	11.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	21907	7.61	ng/ul	0.00
58) Fluorene-d10	15.20	176	191455	12.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	23364	6.71	ng/ul	0.00
71) Anthracene-d10	17.06	188	310280	12.21	ng/ul	0.00
79) Pyrene-d10	19.37	212	370374	12.42	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	305971	10.98	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.67	77	4928	1.59	ng/ul#	1
14) Acetophenone	8.35	105	9580	1.31	ng/ul	98
17) Hexachloroethane	8.62	117	7974	3.94	ng/ul#	1
28) Naphthalene	10.36	128	47594	2.79	ng/ul	98
32) Caprolactam	11.24	113	3480	2.35	ng/ul	90
34) 2-Methylnaphthalene	11.99	142	25097	2.02	ng/ul	100
35) 1-Methylnaphthalene	12.22	142	18558	1.56	ng/ul	97
45) Dimethylphthalate	13.66	163	95848	5.56	ng/ul	99
48) Acenaphthylene	13.92	152	23662	1.06	ng/ul#	93
50) Acenaphthene	14.27	153	138845	9.51	ng/ul	99
54) Dibenzofuran	14.60	168	112654	5.38	ng/ul	96
59) Fluorene	15.26	166	146409	8.46	ng/ul	99
70) Phenanthrene	17.01	178	2600105	88.20	ng/ul	99
72) Anthracene	17.09	178	536550	17.80	ng/ul	99
75) Carbazole	17.37	167	281802	10.95	ng/ul	98
77) Fluoranthene	19.04	202	3842798	112.90	ng/ul	98
80) Pyrene	19.41	202	3292179	85.41	ng/ul	98
83) Benzo(a)anthracene	21.17	228	1585010	40.36	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.09	149	169054	7.50	ng/ul	98
85) Chrysene	21.22	228	1403777	38.21	ng/ul	97
88) Benzo(b)fluoranthene	22.73	252	1613712	49.96	ng/ul#	95
89) Benzo(k)fluoranthene	22.73	252	838273	26.90	ng/ul#	96
91) Benzo(a)pyrene	23.29	252	1099979	35.28	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002195.D
Acq On : 03 Aug 2015 13:39
Operator : TP/UM
Sample : G3073-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01N6

Quant Time: Aug 04 02:34:23 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:31:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Indeno(1,2,3-cd)pyrene	25.57	276	671632	18.69	ng/ul#	95
93) Dibenzo(a,h)anthracene	25.57	278	170387	5.54	ng/ul#	87
94) Benzo(g,h,i)perylene	26.25	276	567508	18.84	ng/ul	97

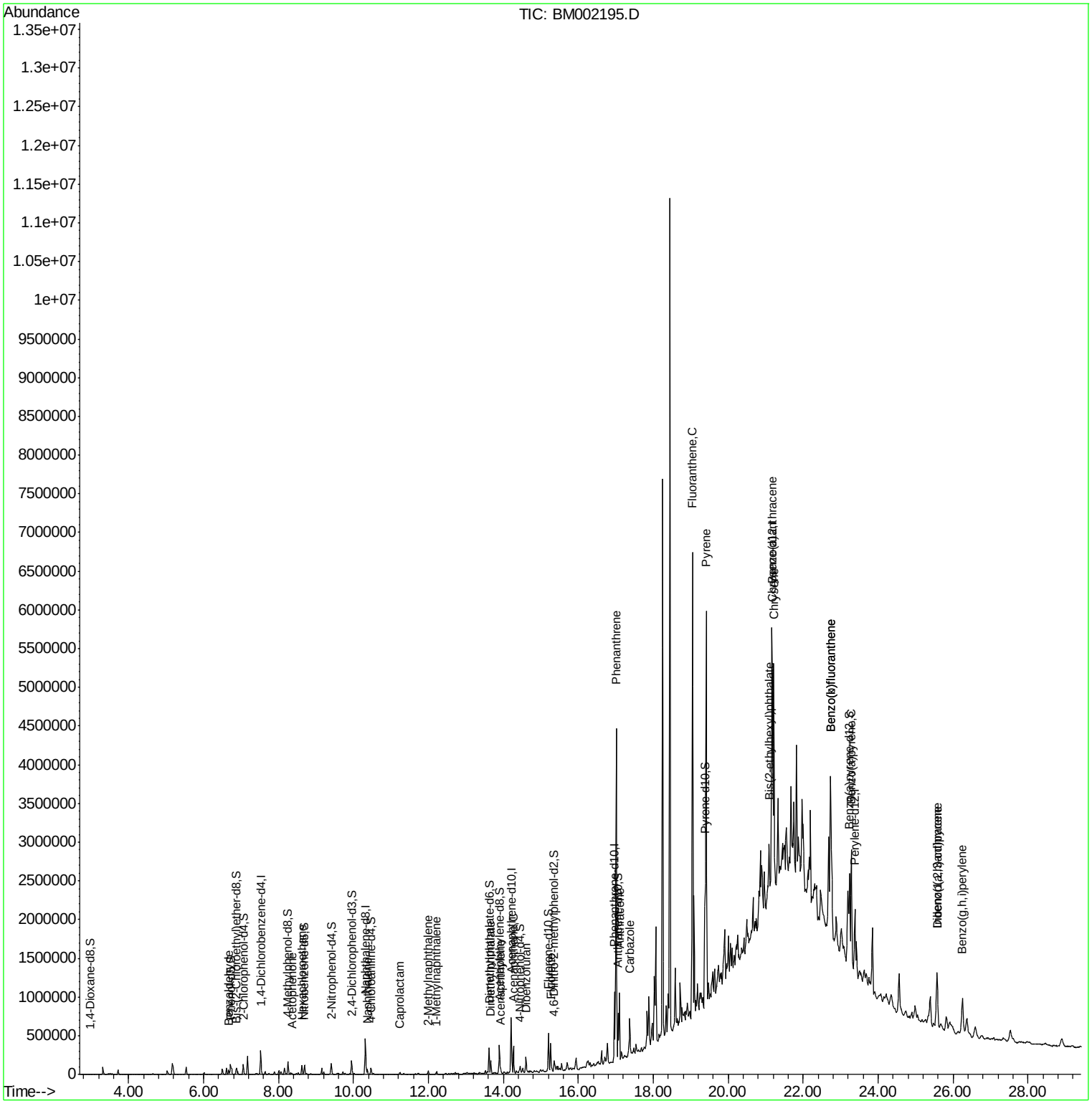
(#) = qualifier out of range (m) = manual integration (+) = signals summed

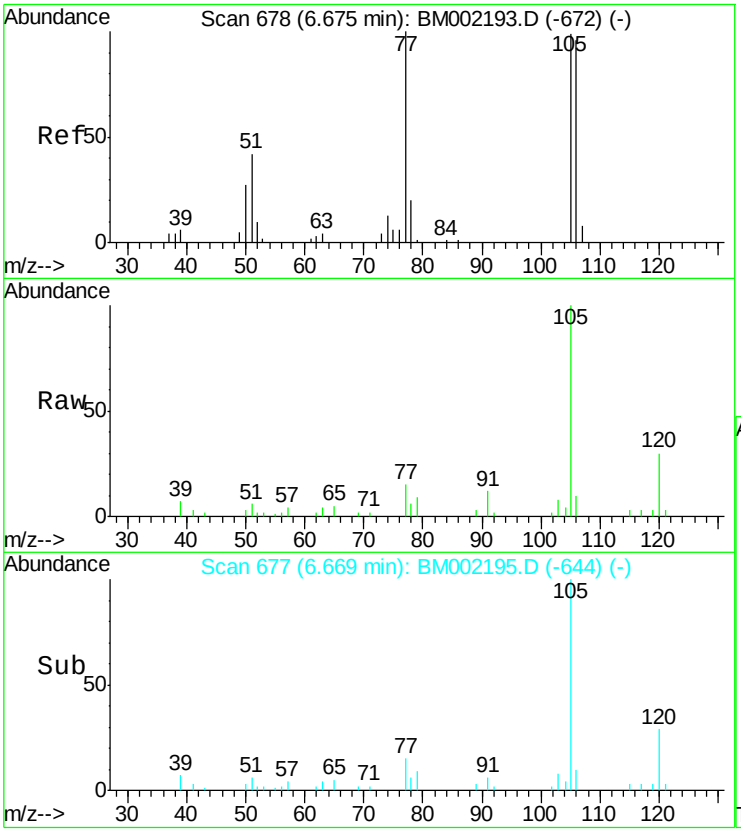
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002195.D
Acq On : 03 Aug 2015 13:39
Operator : TP/UM
Sample : G3073-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01N6

Quant Time: Aug 04 02:34:23 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:31:26 2015
Response via : Initial Calibration



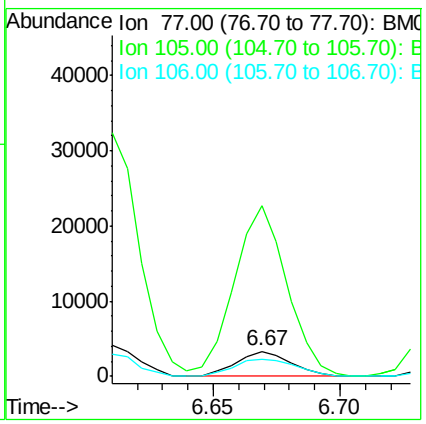


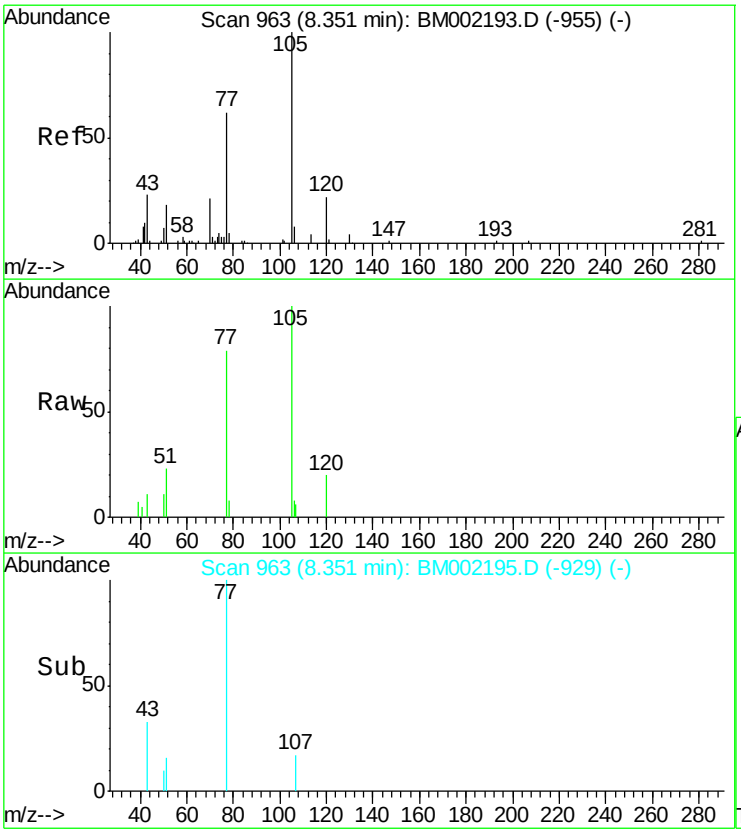
#4
Benzaldehyde
Concen: 1.59 ng/ul
RT: 6.67 min Scan# 677
Delta R.T. -0.01 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion: 77 Resp: 4928

Ion	Ratio	Lower	Upper
77	100		
105	676.2	78.5	117.7#
106	69.2	74.5	111.7#

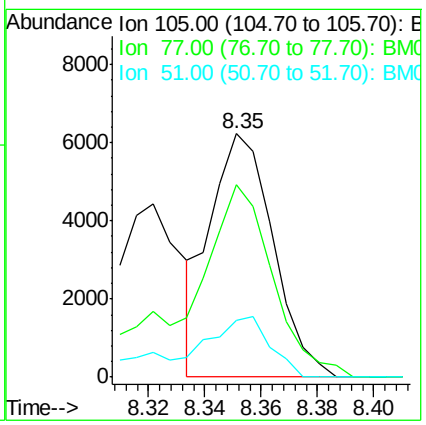


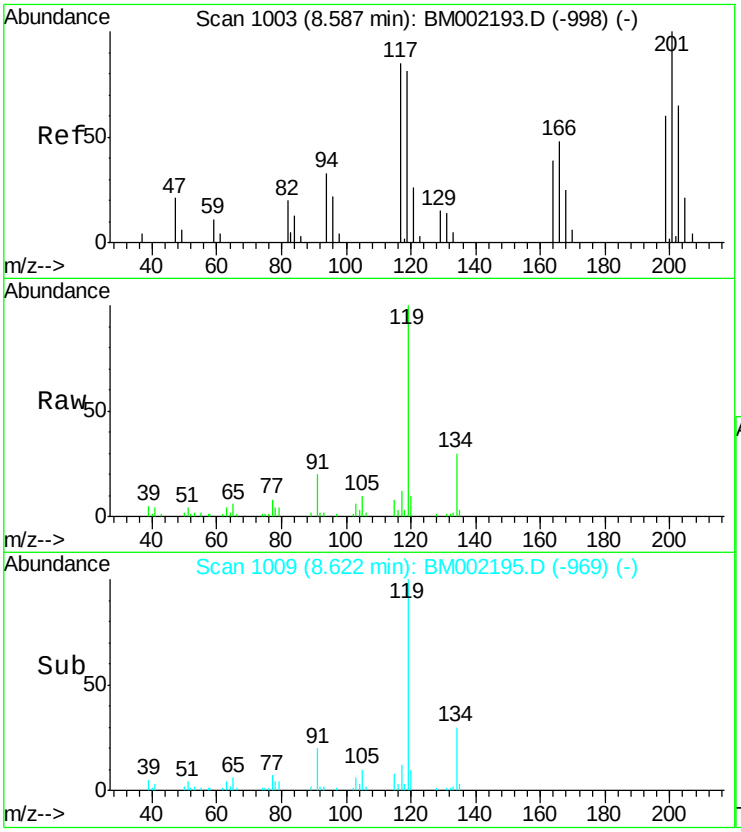


#14
Acetophenone
Concen: 1.31 ng/ul
RT: 8.35 min Scan# 963
Delta R.T. -0.00 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Tgt Ion:105 Resp: 9580

Ion	Ratio	Lower	Upper
105	100		
77	79.0	61.8	92.8
51	23.3	18.5	27.7



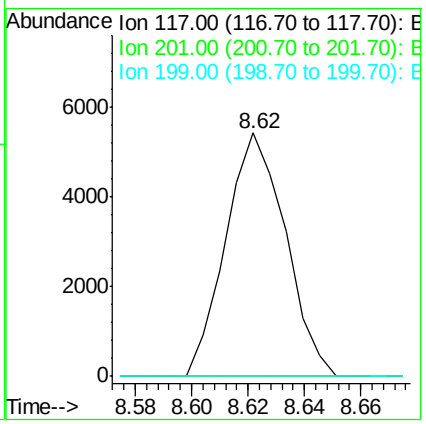


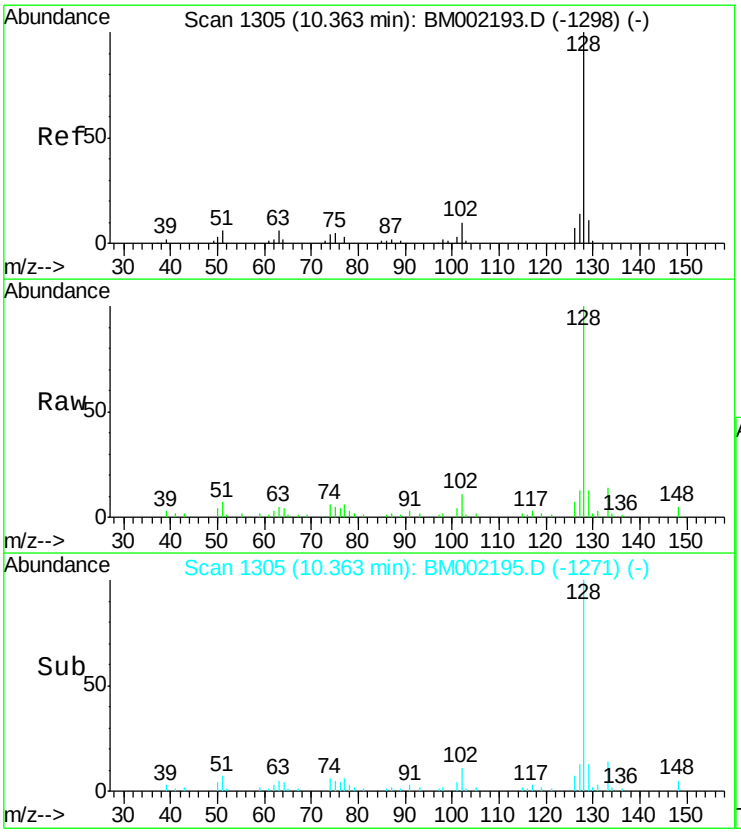
#17
Hexachloroethane
Concen: 3.94 ng/ul
RT: 8.62 min Scan# 1009
Delta R.T. 0.04 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:117 Resp: 7974

Ion	Ratio	Lower	Upper
117	100		
201	0.0	96.1	144.1#
199	0.0	61.8	92.6#

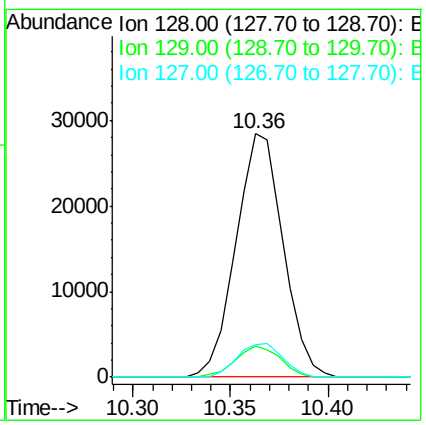


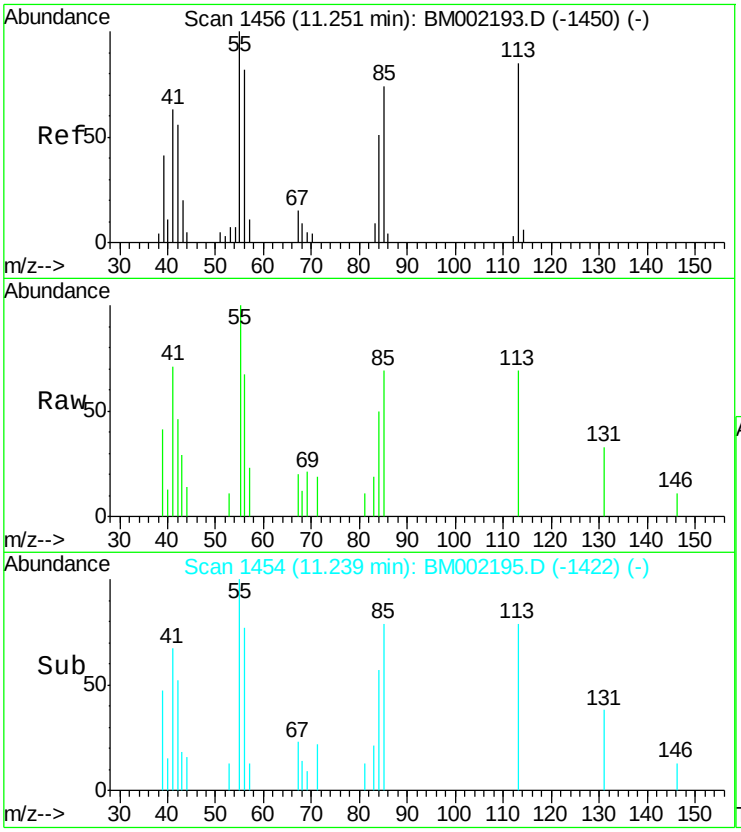


#28
Naphthalene
Concen: 2.79 ng/ul
RT: 10.36 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Tgt Ion:128 Resp: 47594

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.0	13.4
127	13.3	10.2	15.4



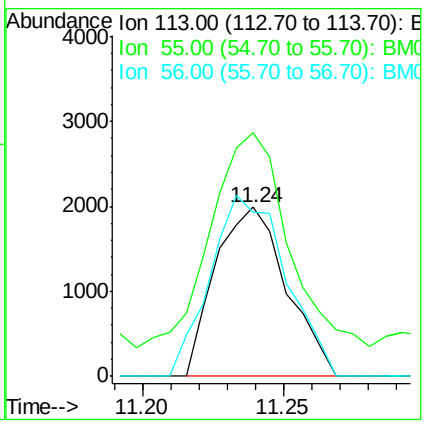


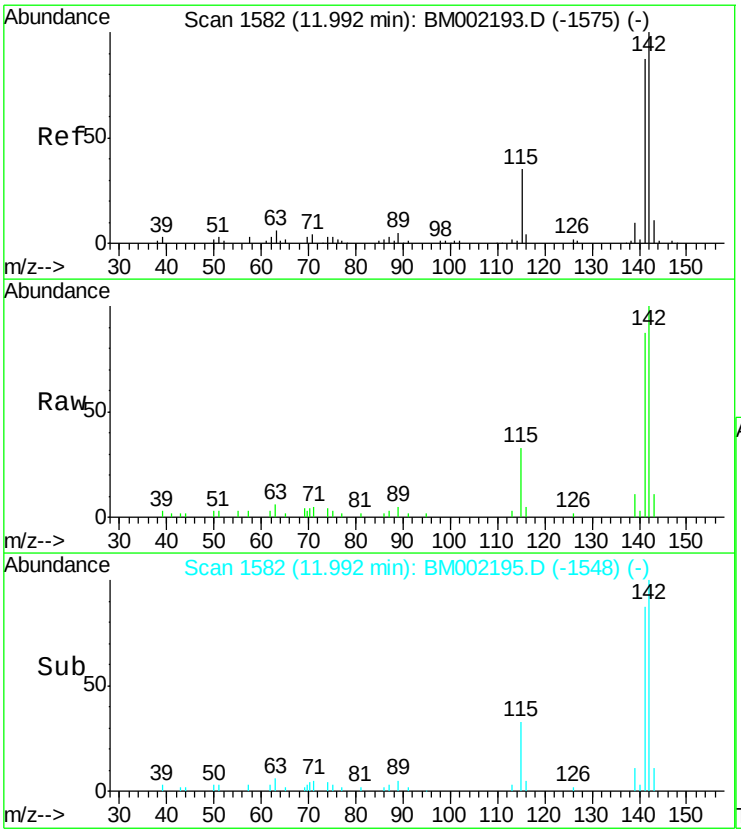
#32
Caprolactam
Concen: 2.35 ng/ul
RT: 11.24 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:113 Resp: 3480

Ion	Ratio	Lower	Upper
113	100		
55	144.2	101.0	151.6
56	97.1	79.0	118.6

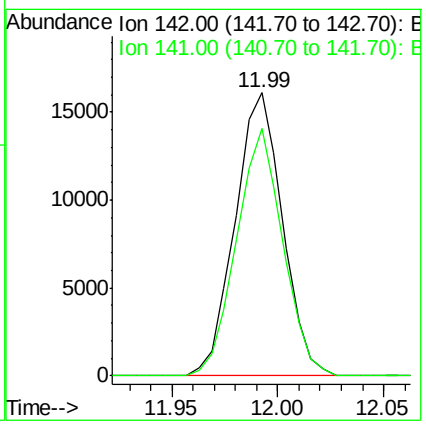


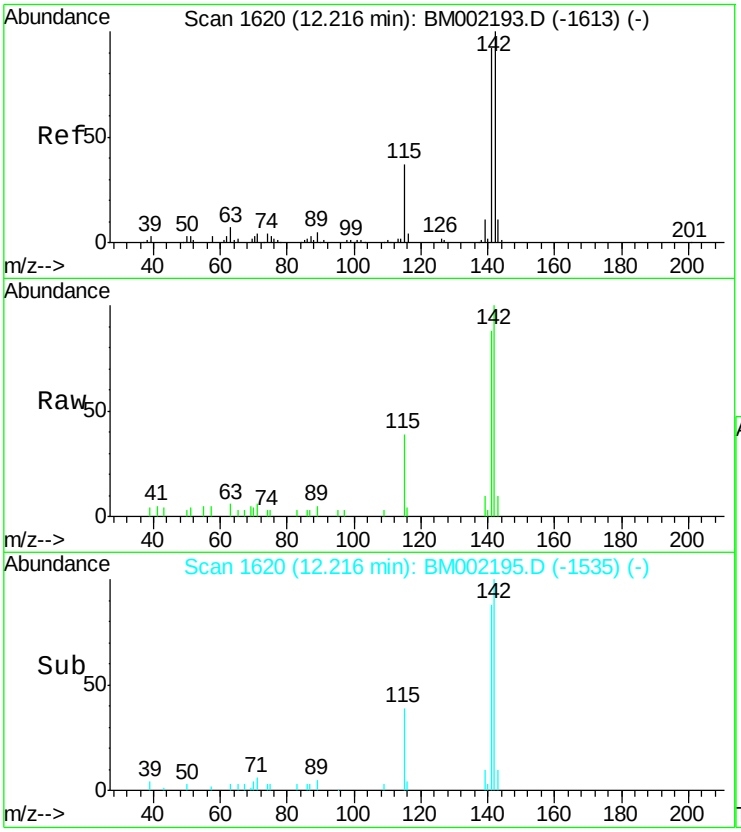


#34
2-Methylnaphthalene
Concen: 2.02 ng/ul
RT: 11.99 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Tgt Ion:142 Resp: 25097

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.8	104.6



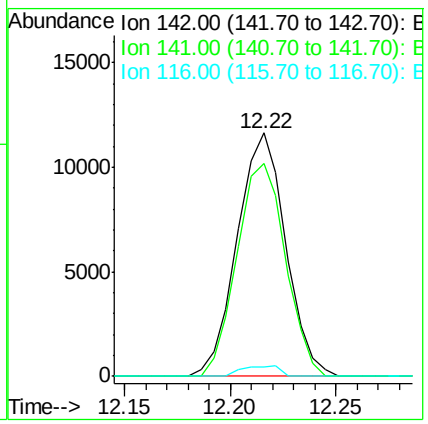


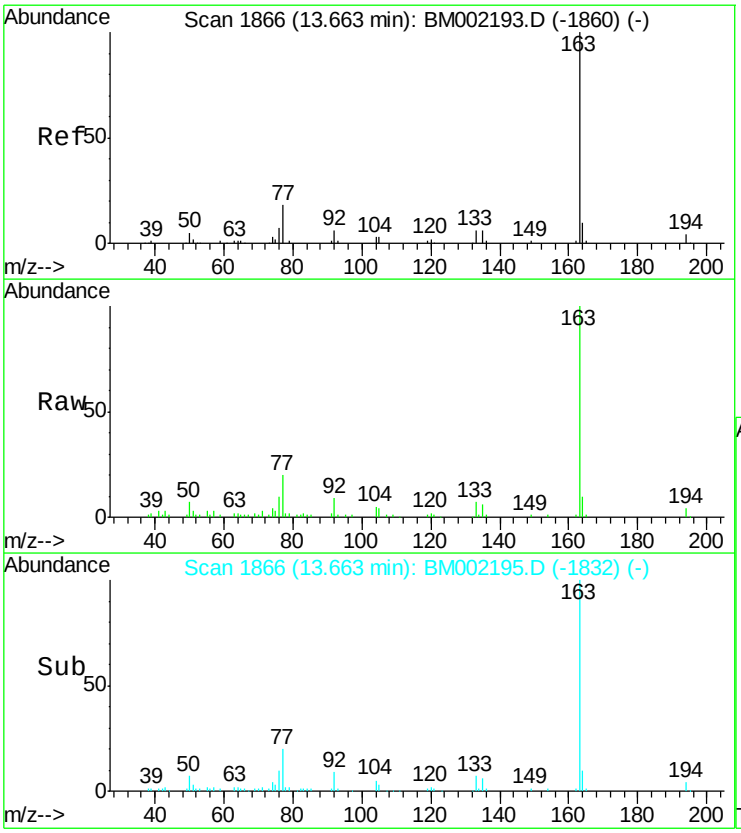
#35
1-Methylnaphthalene
Concen: 1.56 ng/ul
RT: 12.22 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:142 Resp: 18558

Ion	Ratio	Lower	Upper
142	100		
141	87.5	72.4	108.6
116	3.8	3.2	4.8

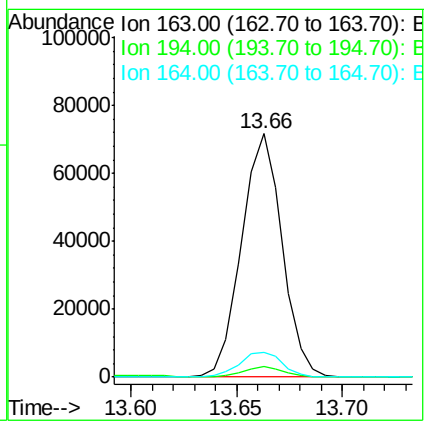


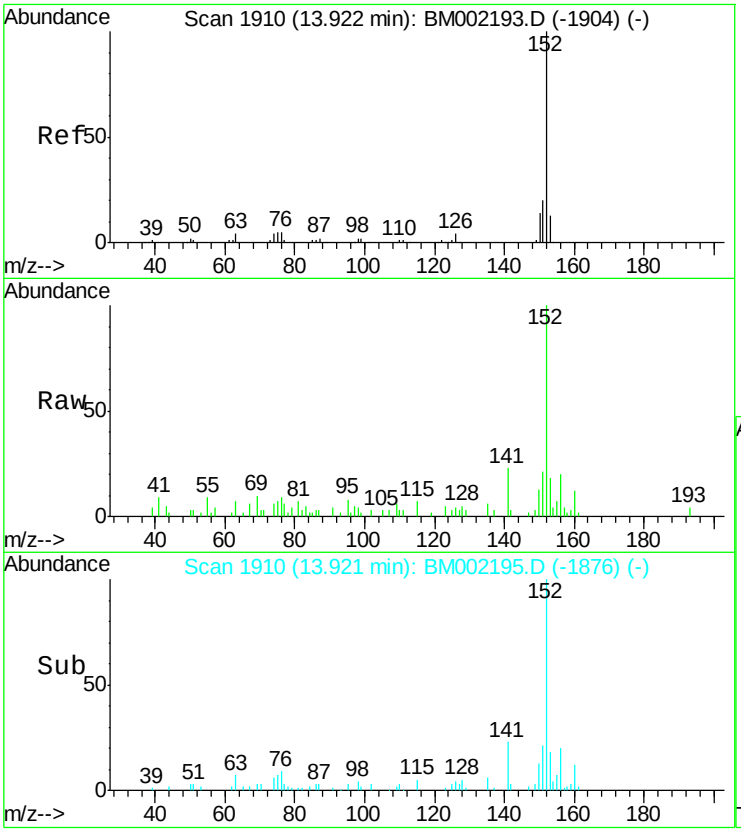


#45
Dimethylphthalate
Concen: 5.56 ng/ul
RT: 13.66 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Tgt Ion:163 Resp: 95848

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.3	8.0	12.0



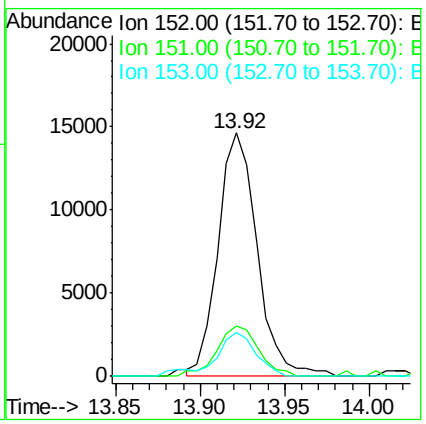


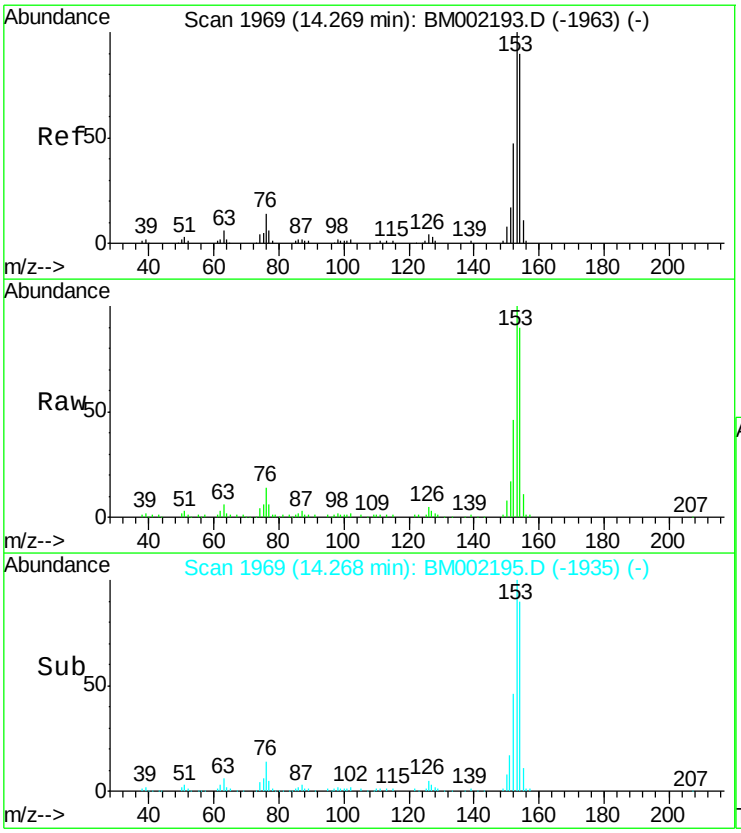
#48
Acenaphthylene
Concen: 1.06 ng/ul
RT: 13.92 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:152 Resp: 23662

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.6	23.4
153	17.8	10.3	15.5#

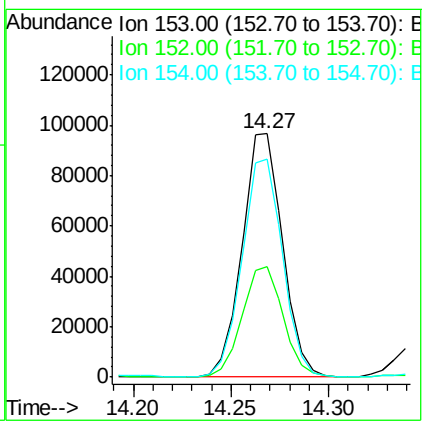


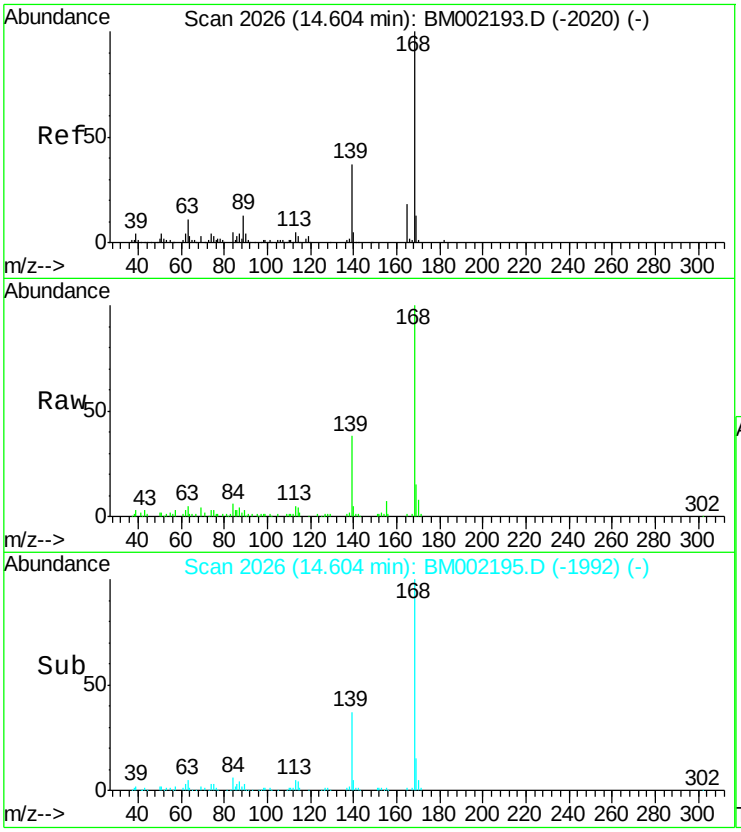


#50
Acenaphthene
Concen: 9.51 ng/ul
RT: 14.27 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Tgt Ion:153 Resp: 138845

Ion	Ratio	Lower	Upper
153	100		
152	45.5	37.3	55.9
154	89.8	71.4	107.2



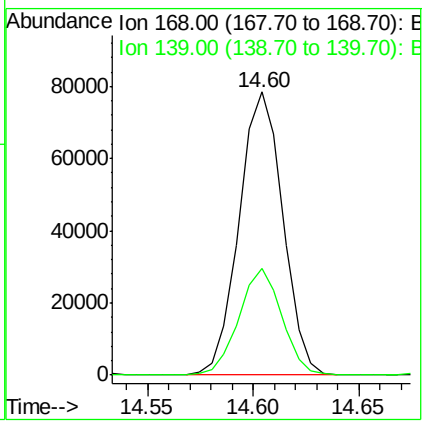


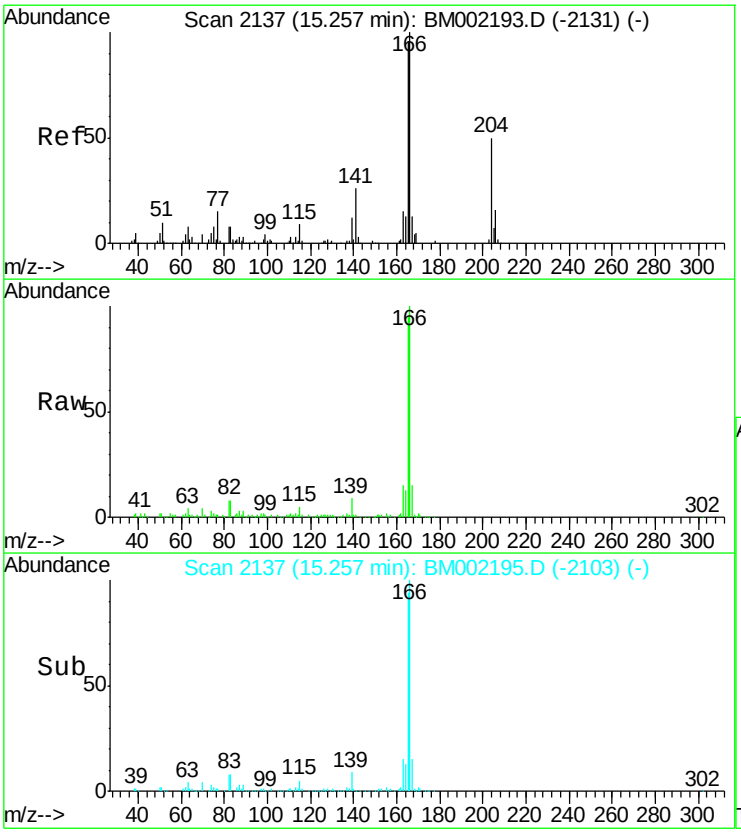
#54
Dibenzofuran
Concen: 5.38 ng/ul
RT: 14.60 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:168 Resp: 112654

Ion	Ratio	Lower	Upper
168	100		
139	37.6	28.2	42.2

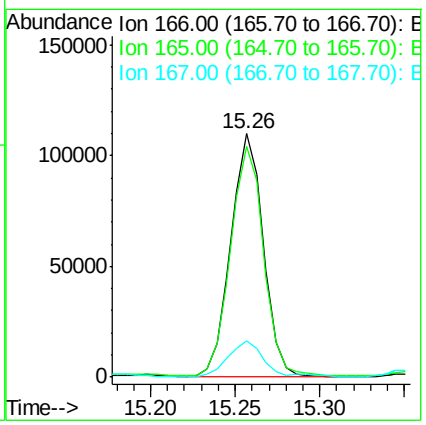


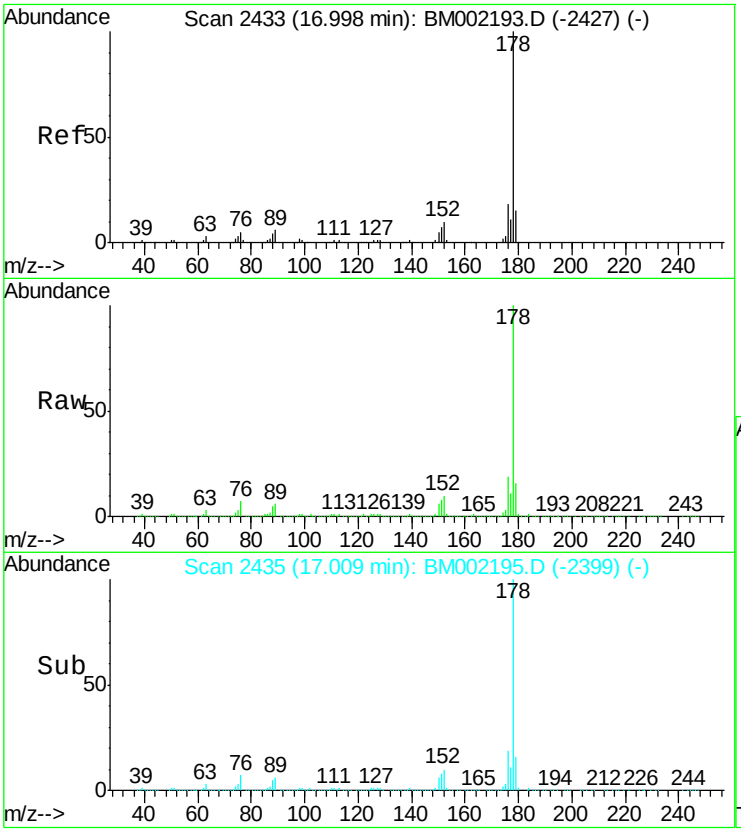


#59
Fluorene
Concen: 8.46 ng/ul
RT: 15.26 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Tgt Ion:166 Resp: 146409

Ion	Ratio	Lower	Upper
166	100		
165	94.7	75.6	113.4
167	15.0	10.5	15.7



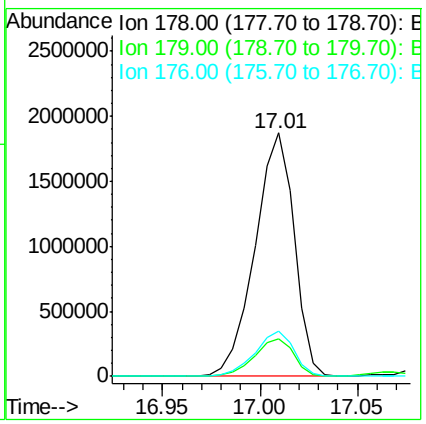


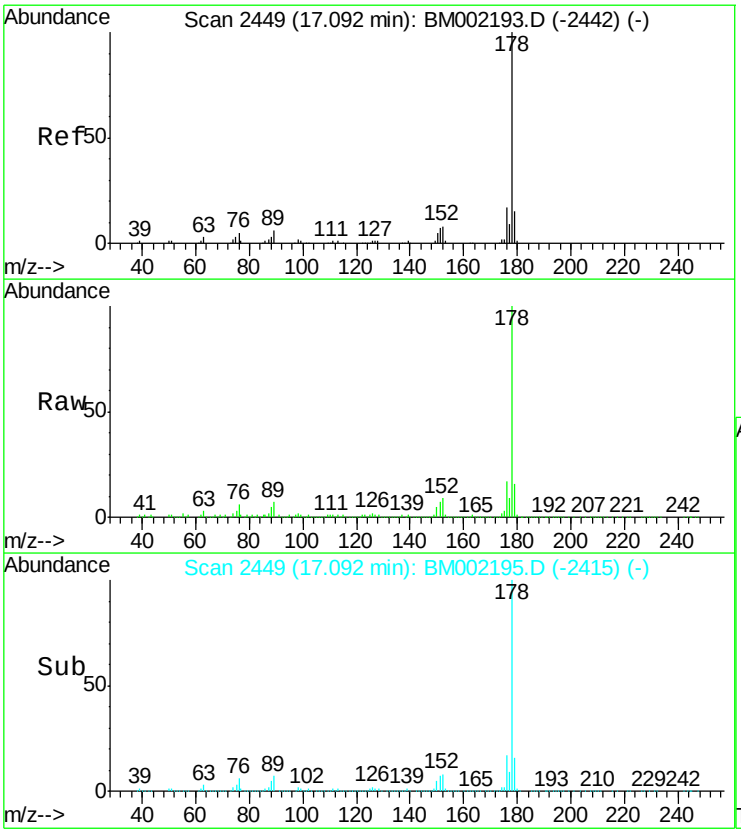
#70
Phenanthrene
Concen: 88.20 ng/ul
RT: 17.01 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:178 Resp: 2600105

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.6	14.2	21.4

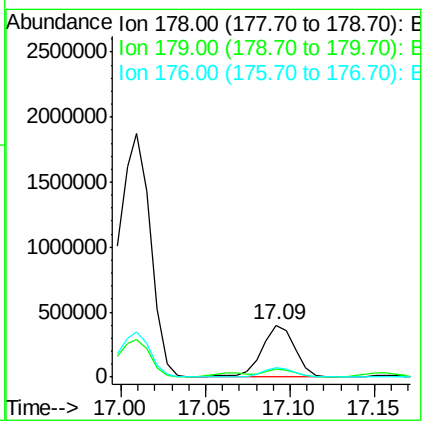


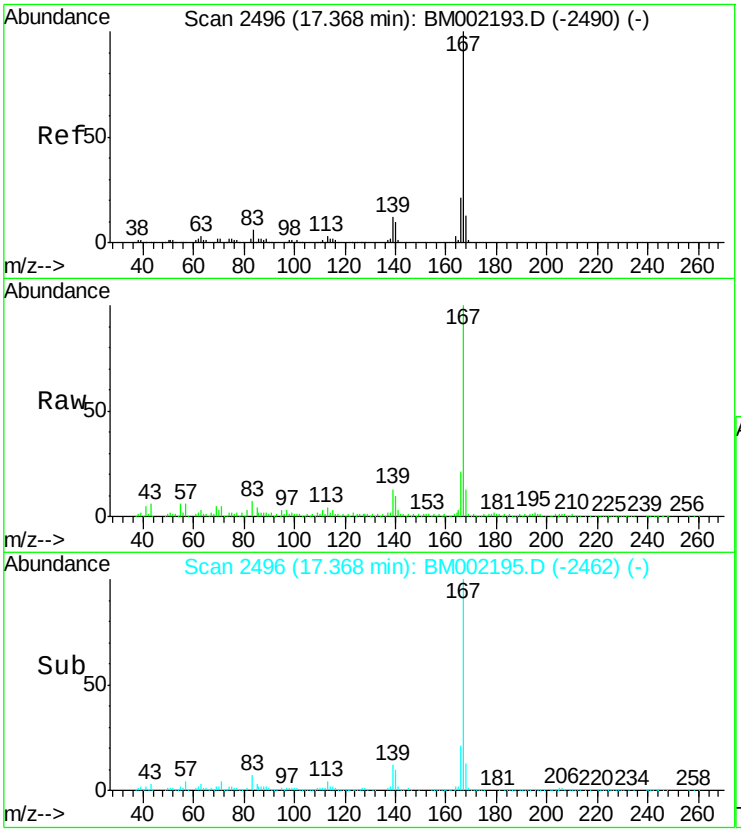


#72
Anthracene
Concen: 17.80 ng/ul
RT: 17.09 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Tgt Ion:178 Resp: 536550

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	17.3	14.1	21.1



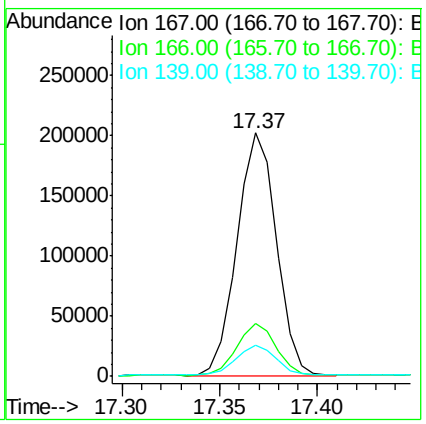


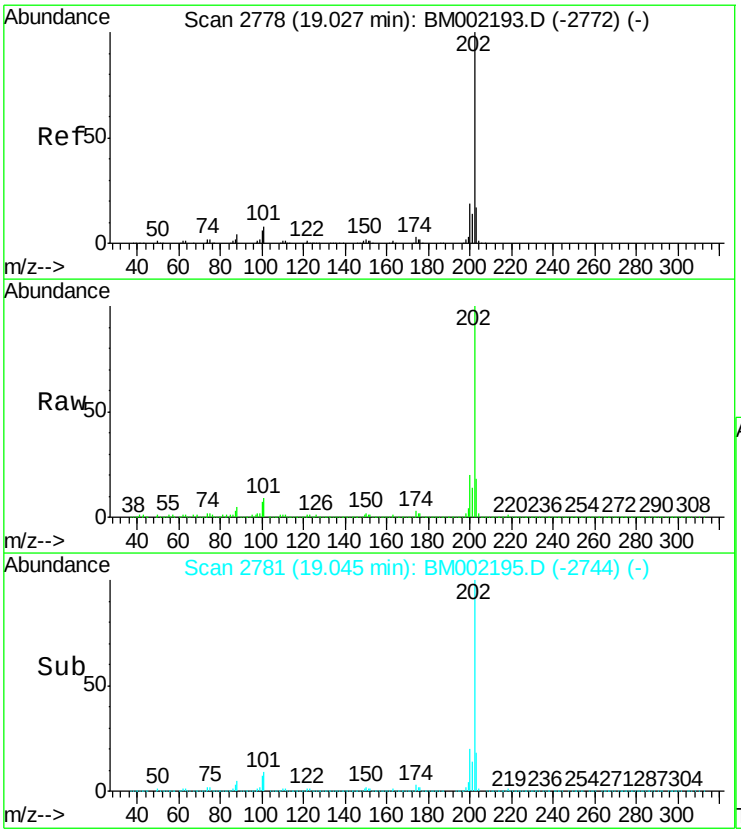
#75
Carbazole
Concen: 10.95 ng/ul
RT: 17.37 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:167 Resp: 281802

Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.2	24.4
139	12.9	9.6	14.4

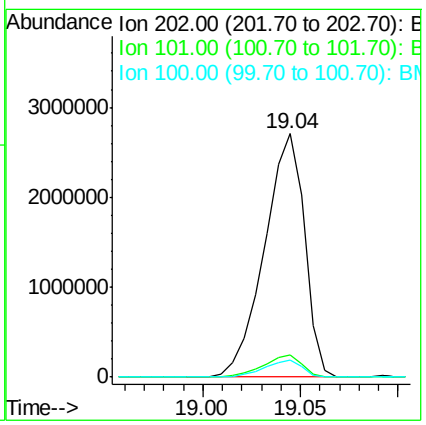


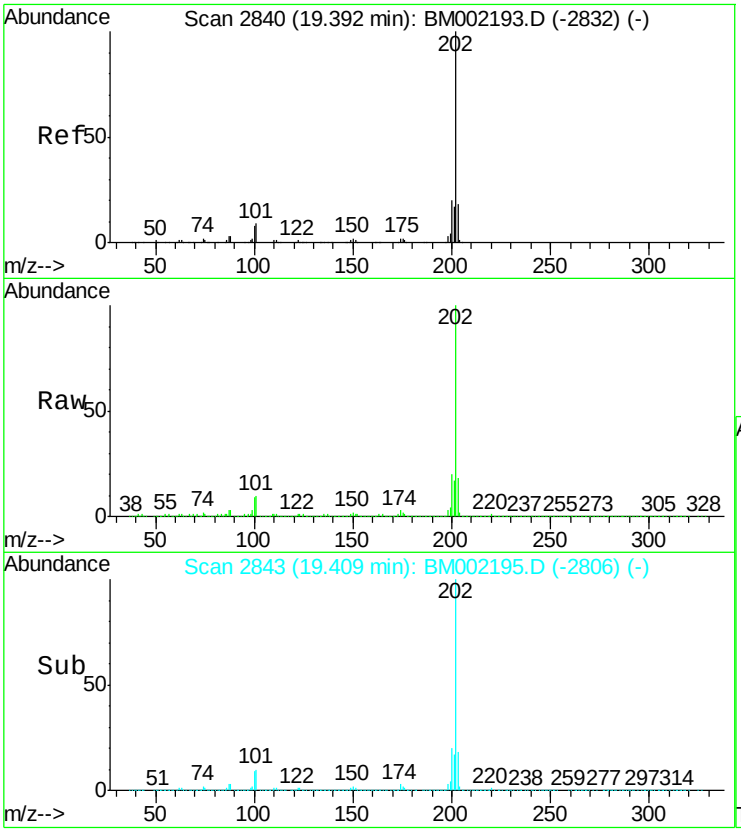


#77
Fluoranthene
Concen: 112.90 ng/ul
RT: 19.04 min Scan# 2781
Delta R.T. 0.02 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Tgt Ion:202 Resp: 3842798

Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.2	9.4
100	7.0	5.2	7.8



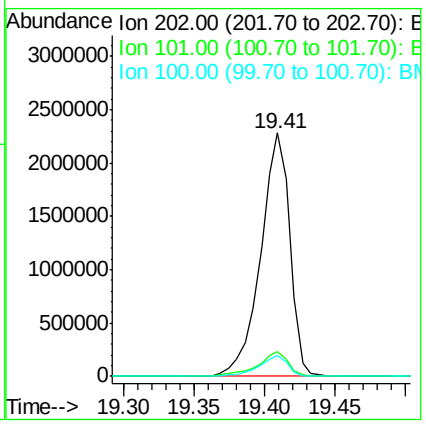


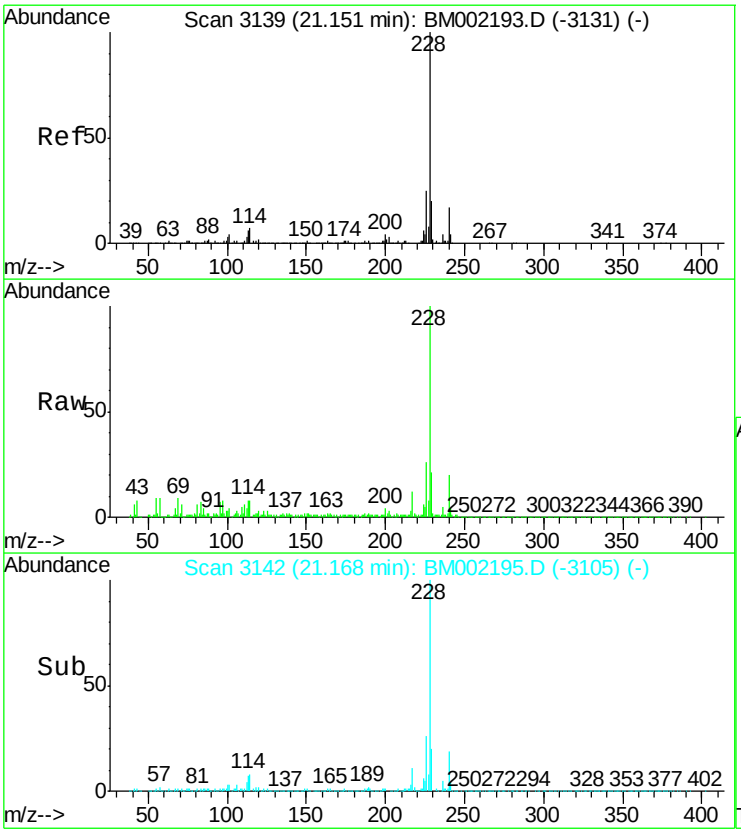
#80
Pyrene
Concen: 85.41 ng/ul
RT: 19.41 min Scan# 2843
Delta R.T. 0.02 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:202 Resp: 3292179

Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.4	11.2
100	8.6	6.3	9.5

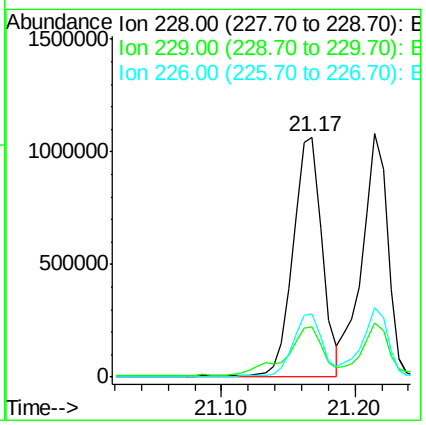


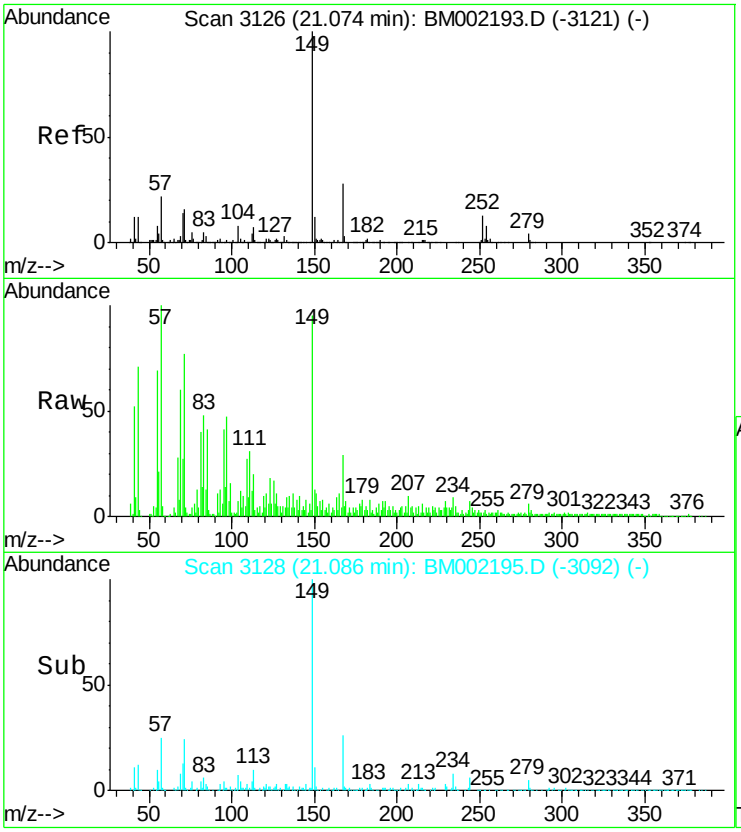


#83
Benzo(a)anthracene
Concen: 40.36 ng/ul
RT: 21.17 min Scan# 3142
Delta R.T. 0.02 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Tgt Ion:228 Resp: 1585010

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.2
226	26.3	20.5	30.7



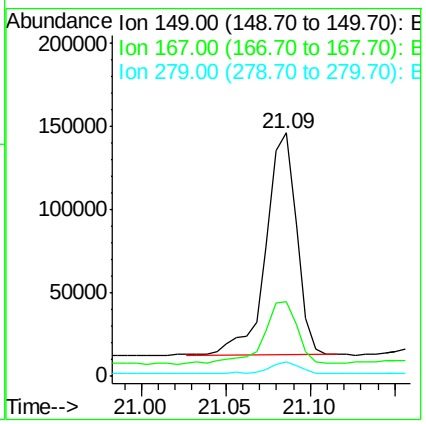


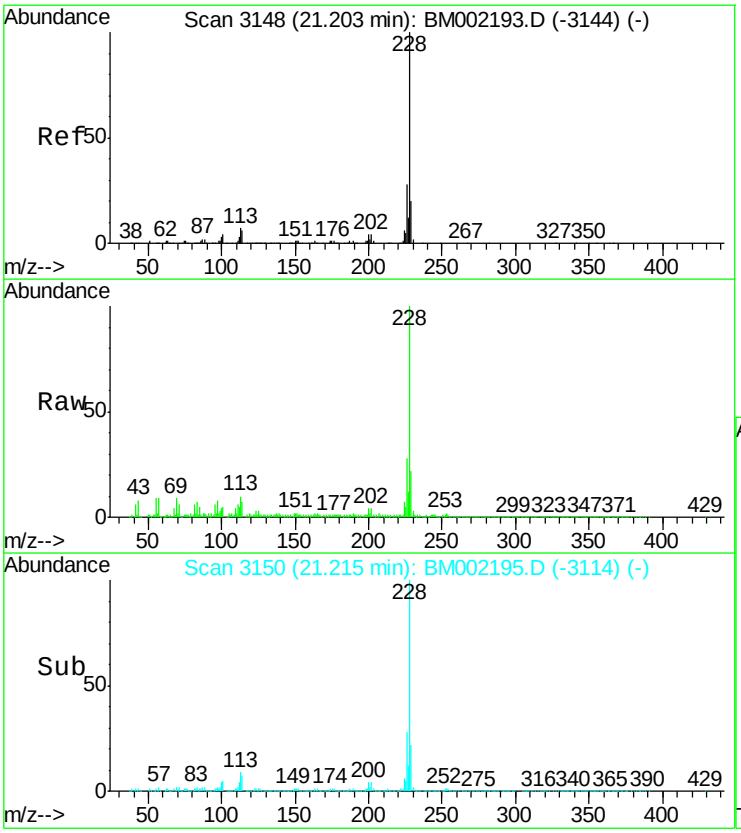
#84
Bis(2-ethylhexyl)phthalate
Concen: 7.50 ng/ul
RT: 21.09 min Scan# 3128
Delta R.T. 0.01 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:149 Resp: 169054

Ion	Ratio	Lower	Upper
149	100		
167	30.8	23.6	35.4
279	6.0	4.2	6.4

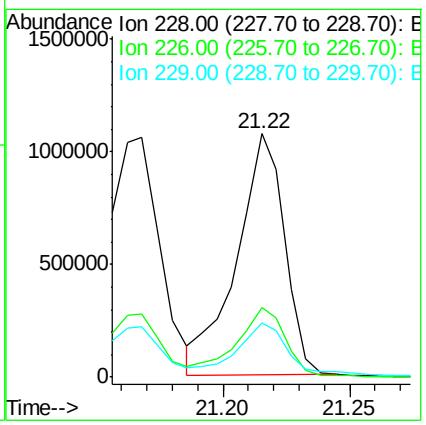


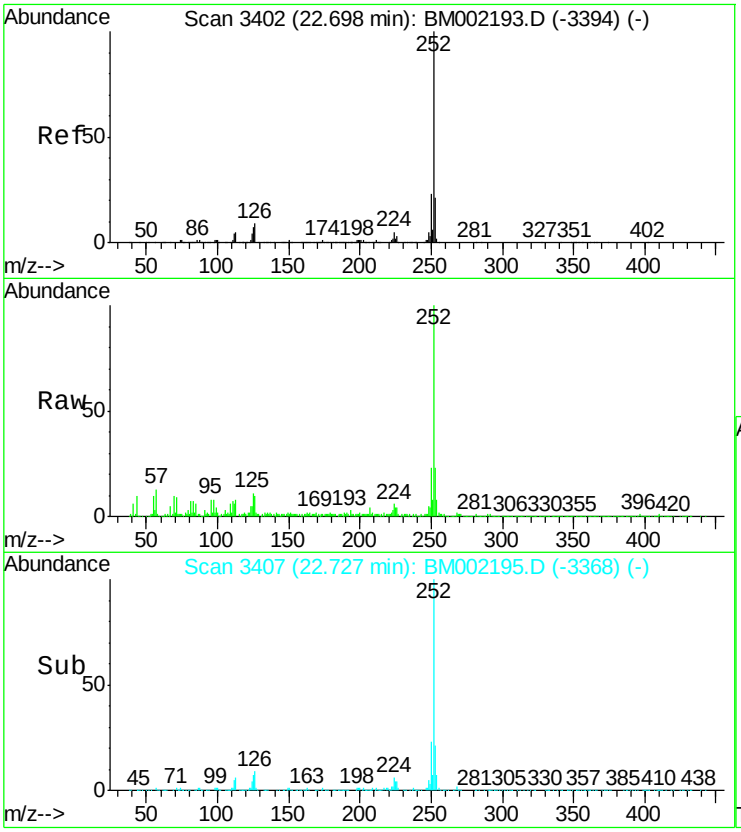


#85
Chrysene
Concen: 38.21 ng/ul
RT: 21.22 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Tgt Ion:228 Resp: 1403777

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	22.5	15.5	23.3



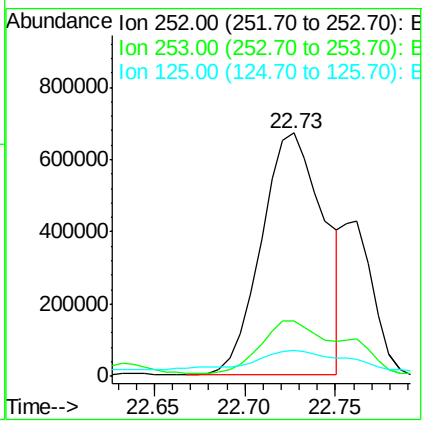


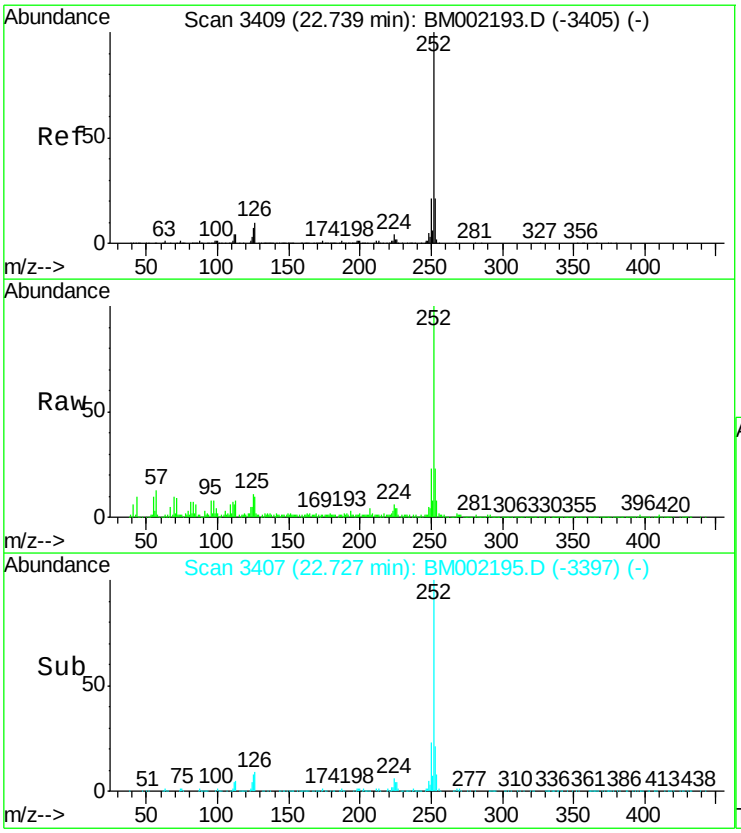
#88
Benzo(b)fluoranthene
Concen: 49.96 ng/ul
RT: 22.73 min Scan# 3407
Delta R.T. 0.03 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:252 Resp: 1613712

Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.9	25.3
125	10.7	6.2	9.2#

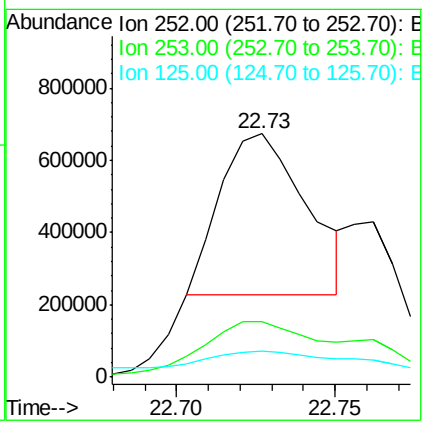


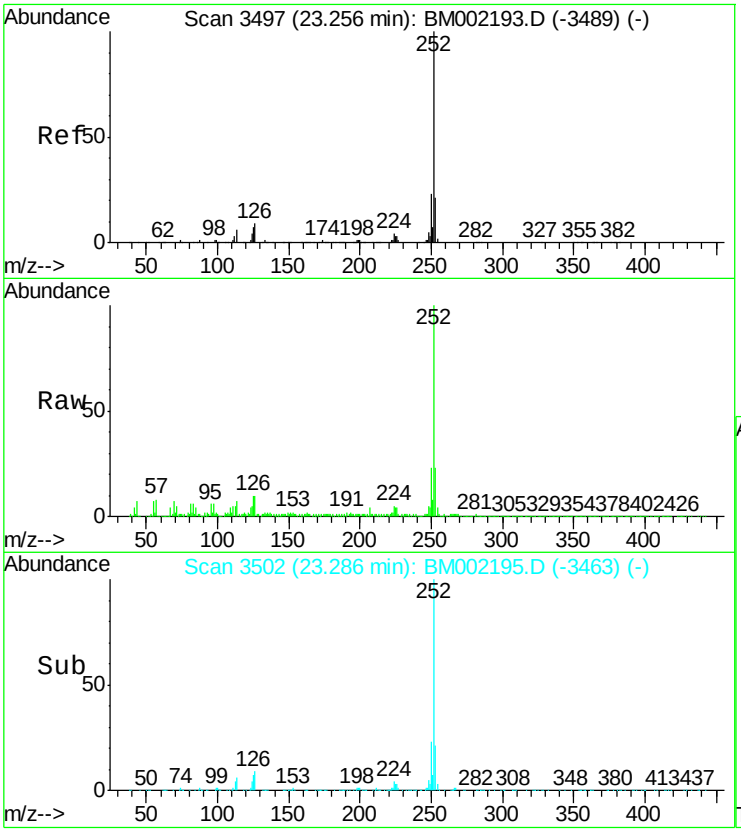


#89
Benzo(k)fluoranthene
Concen: 26.90 ng/ul
RT: 22.73 min Scan# 3407
Delta R.T. -0.01 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Tgt Ion:252 Resp: 838273

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	10.7	6.2	9.4#



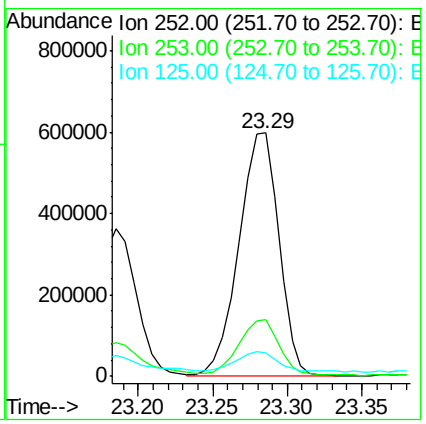


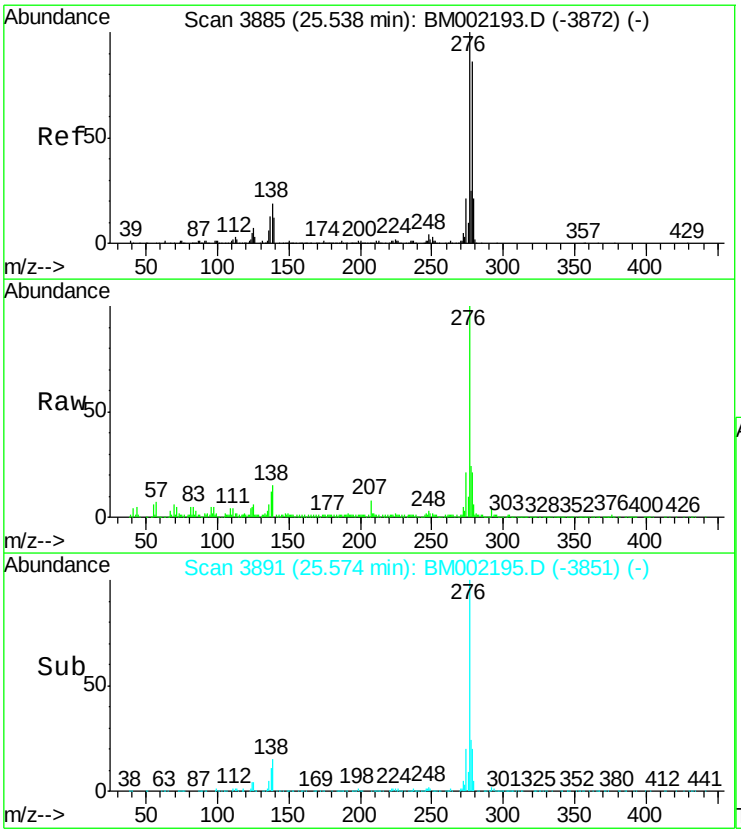
#91
Benzo(a)pyrene
Concen: 35.28 ng/ul
RT: 23.29 min Scan# 3502
Delta R.T. 0.03 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:252 Resp: 1099979

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	9.7	6.6	10.0

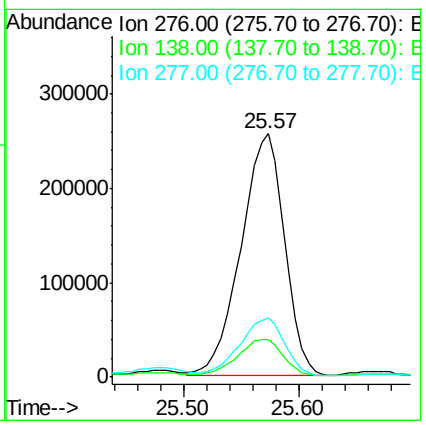


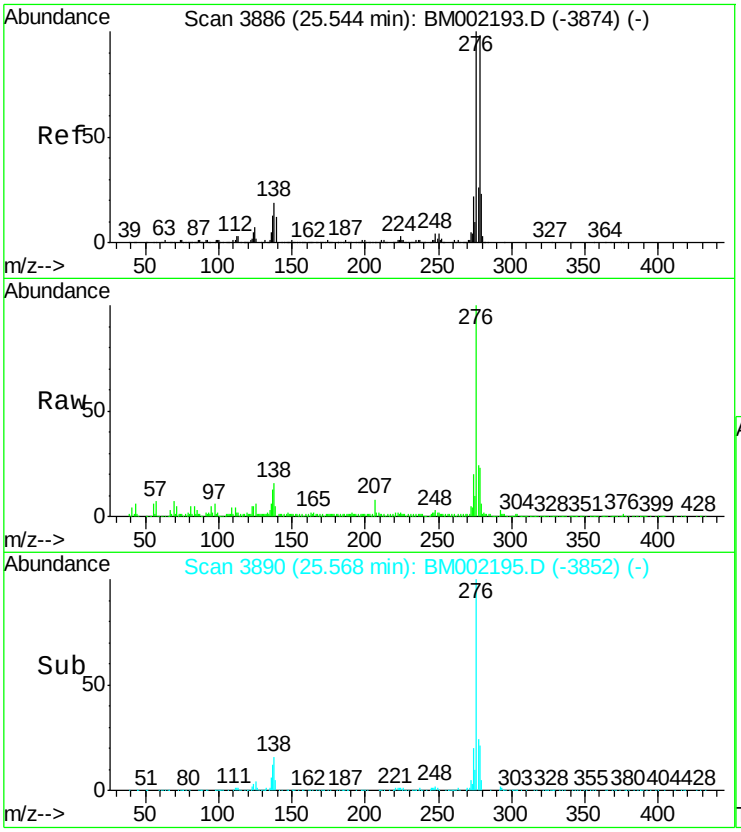


#92
Indeno(1,2,3-cd)pyrene
Concen: 18.69 ng/ul
RT: 25.57 min Scan# 3891
Delta R.T. 0.04 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Tgt Ion:276 Resp: 671632

Ion	Ratio	Lower	Upper
276	100		
138	15.4	16.2	24.2#
277	24.2	19.8	29.8



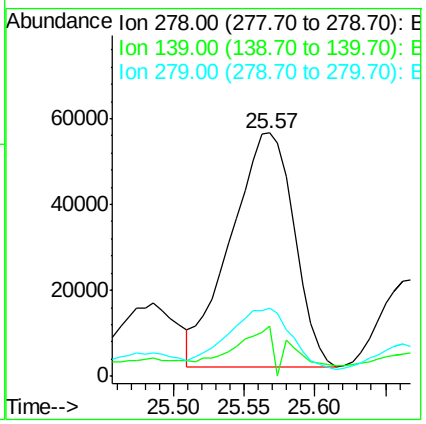


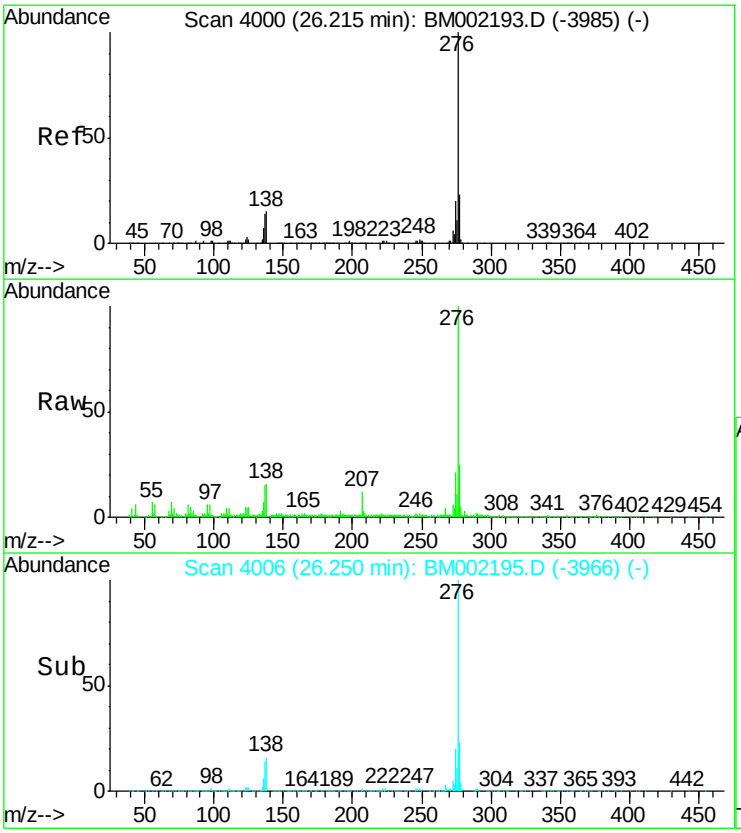
#93
Dibenzo(a,h)anthracene
Concen: 5.54 ng/ul
RT: 25.57 min Scan# 3890
Delta R.T. 0.02 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:278 Resp: 170387

Ion	Ratio	Lower	Upper
278	100		
139	20.8	10.6	16.0#
279	28.1	18.5	27.7#





#94
Benzo(g,h,i)perylene
Concen: 18.84 ng/ul
RT: 26.25 min Scan# 4006
Delta R.T. 0.04 min
Lab File: BM002195.D
Acq: 03 Aug 2015 13:39

Tgt Ion:276 Resp: 567508

Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.8	20.6
277	24.5	18.2	27.2