

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
 Data File : BM002207.D
 Acq On : 03 Aug 2015 21:02
 Operator : TP/UM
 Sample : G3095-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01M4

Quant Time: Aug 04 02:38:38 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	69796	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	299165	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	193123	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	472095	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	499823	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	437010	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	1569	1.16	ng/uL	0.00
5) Phenol-d5	6.73	99	50266	10.07	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	26903	9.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	43019	10.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	40445	10.20	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	21223	9.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	23878	10.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	47611	10.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	39491	7.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	141696	10.02	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	178366	10.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	17206	7.29	ng/ul	0.02
58) Fluorene-d10	15.21	176	131400	10.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	739	0.26	ng/ul	0.02
71) Anthracene-d10	17.06	188	212275	10.07	ng/ul	0.00
79) Pyrene-d10	19.37	212	236698	11.25	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	200215	9.45	ng/ul	0.02

Target Compounds

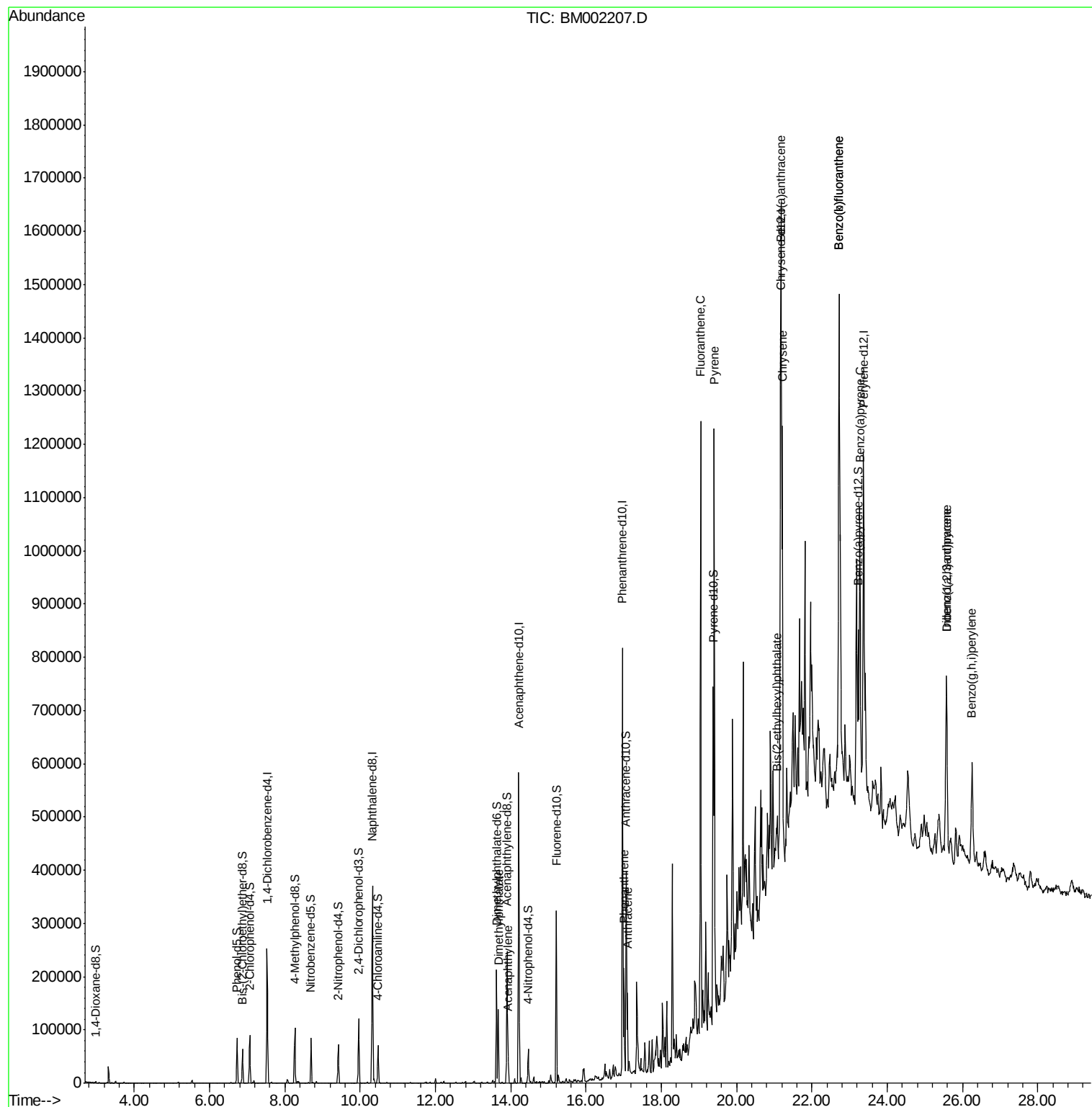
						Qvalue
45) Dimethylphthalate	13.67	163	85607	6.06	ng/ul	99
48) Acenaphthylene	13.93	152	36819	2.02	ng/ul	98
70) Phenanthrene	17.01	178	122880	5.03	ng/ul	99
72) Anthracene	17.10	178	89655	3.59	ng/ul	98
77) Fluoranthene	19.04	202	666350	23.60	ng/ul	99
80) Pyrene	19.40	202	680405	25.02	ng/ul	99
83) Benzo(a)anthracene	21.16	228	370463	13.37	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.08	149	20505	1.29	ng/ul#	98
85) Chrysene	21.22	228	494221	19.07	ng/ul	97
88) Benzo(b)fluoranthene	22.72	252	740062	30.14	ng/ul	98
89) Benzo(k)fluoranthene	22.72	252	356985	15.07	ng/ul	99
91) Benzo(a)pyrene	23.27	252	368719	15.56	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.57	276	277300	10.15	ng/ul	96
93) Dibenzo(a,h)anthracene	25.57	278	80036	3.42	ng/ul#	88
94) Benzo(g,h,i)perylene	26.25	276	247316	10.80	ng/ul	96

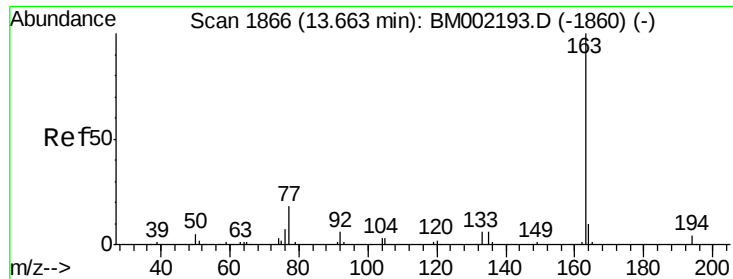
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 04 02:31:26 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 6.06 ng/ul

RT: 13.67 min Scan# 1867

Delta R.T. 0.01 min

Lab File: BM002207.D

Acq: 03 Aug 2015 21:02

Instrument :

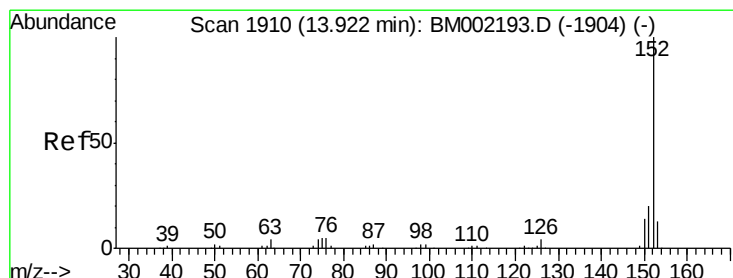
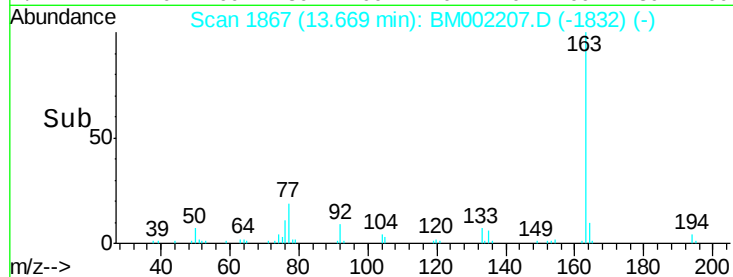
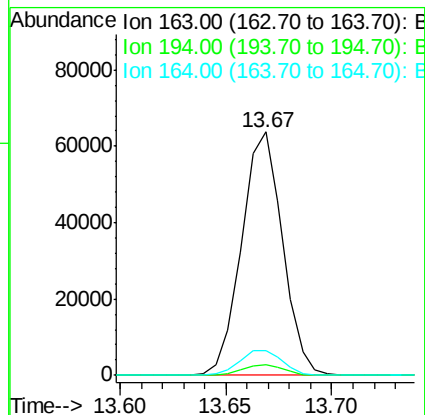
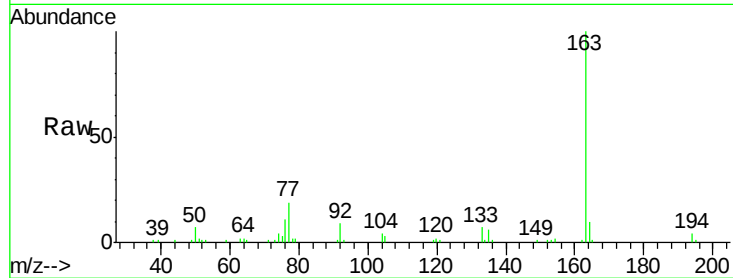
BNA_M

ClientSampleId :

C01M4

Tgt Ion:163 Resp: 85607

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.3	8.0	12.0



#48

Acenaphthylene

Concen: 2.02 ng/ul

RT: 13.93 min Scan# 1911

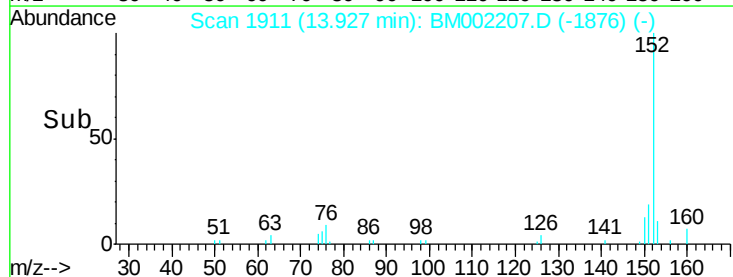
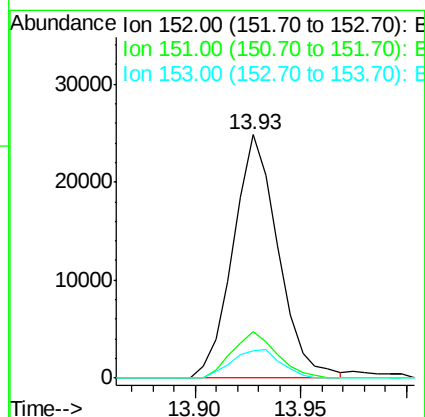
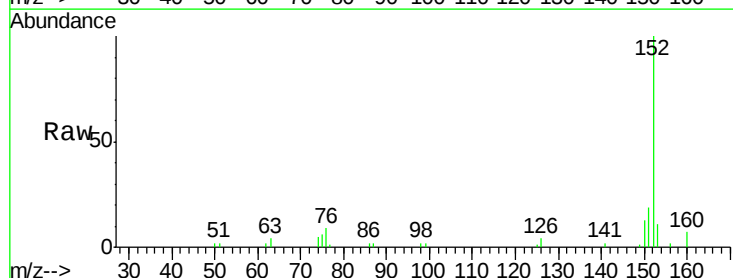
Delta R.T. 0.01 min

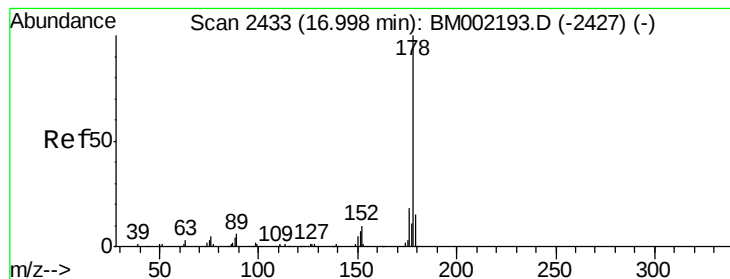
Lab File: BM002207.D

Acq: 03 Aug 2015 21:02

Tgt Ion:152 Resp: 36819

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.6	23.4
153	11.0	10.3	15.5





#70

Phenanthrene

Concen: 5.03 ng/ul

RT: 17.01 min Scan# 2435

Delta R.T. 0.01 min

Lab File: BM002207.D

Acq: 03 Aug 2015 21:02

Instrument :

BNA_M

ClientSampleId :

C01M4

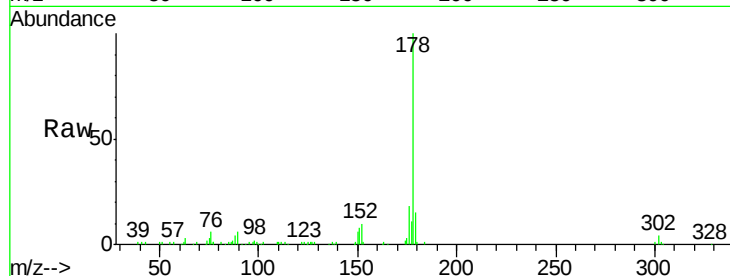
Tgt Ion:178 Resp: 122880

Ion Ratio Lower Upper

178 100

179 15.0 12.5 18.7

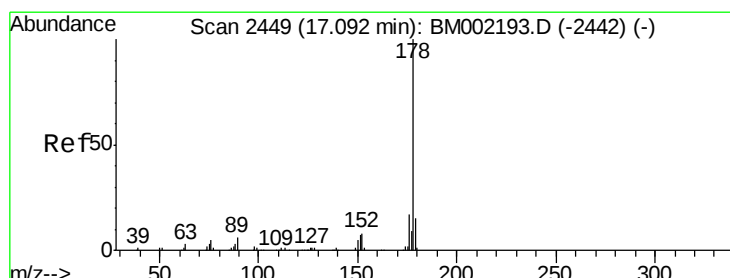
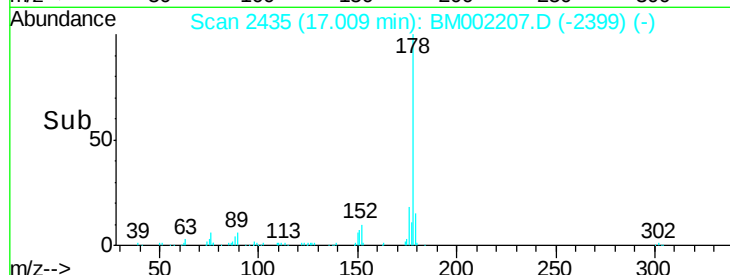
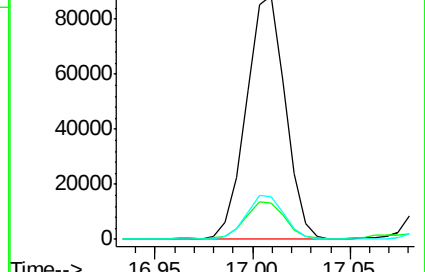
176 17.5 14.2 21.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 3.59 ng/ul

RT: 17.10 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BM002207.D

Acq: 03 Aug 2015 21:02

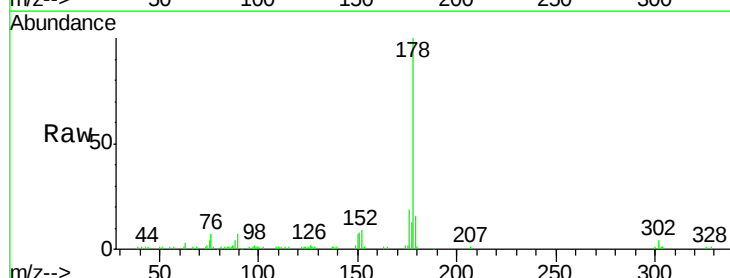
Tgt Ion:178 Resp: 89655

Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

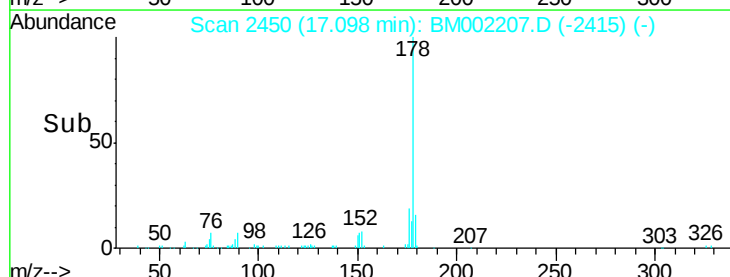
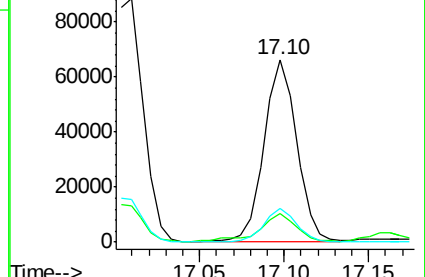
176 18.8 14.1 21.1

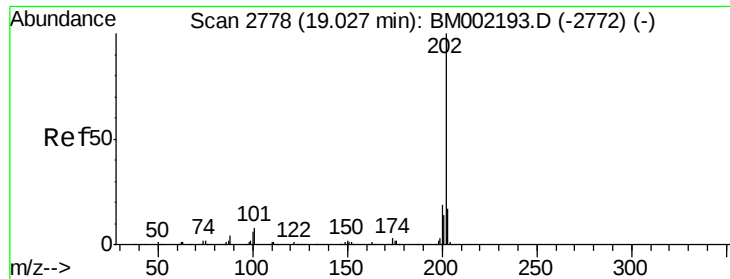


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

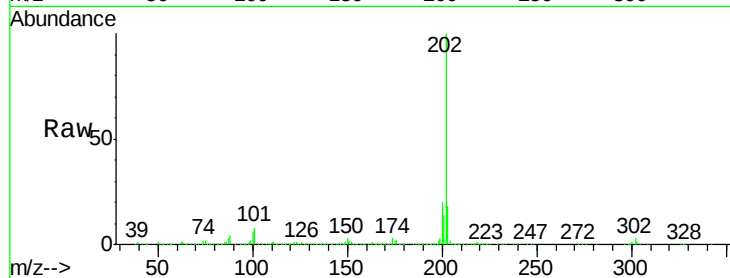




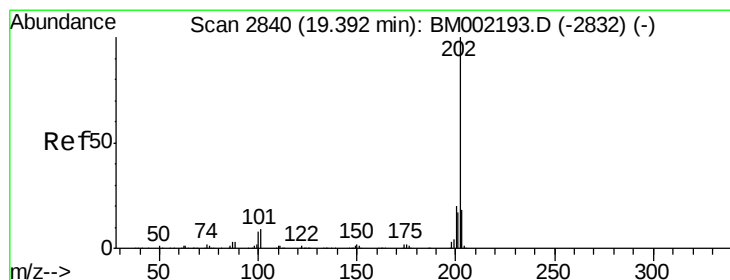
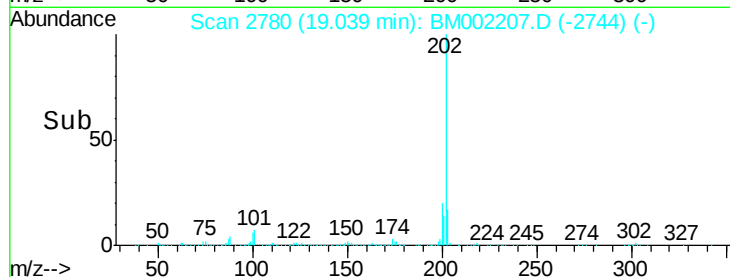
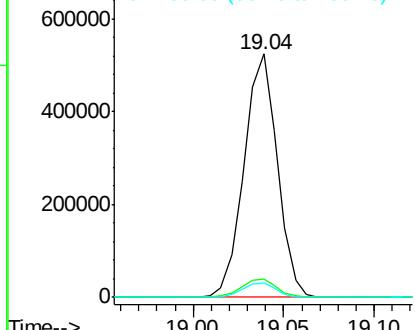
#77
 Fluoranthene
 Concen: 23.60 ng/ul
 RT: 19.04 min Scan# 2780
 Delta R.T. 0.01 min
 Lab File: BM002207.D
 Acq: 03 Aug 2015 21:02

Instrument :
 BNA_M
 ClientSampleId :
 C01M4

Tgt Ion:	202	Resp:	666350
Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.2	9.4
100	5.9	5.2	7.8

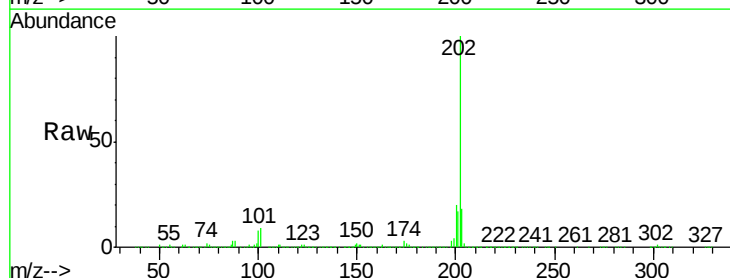


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

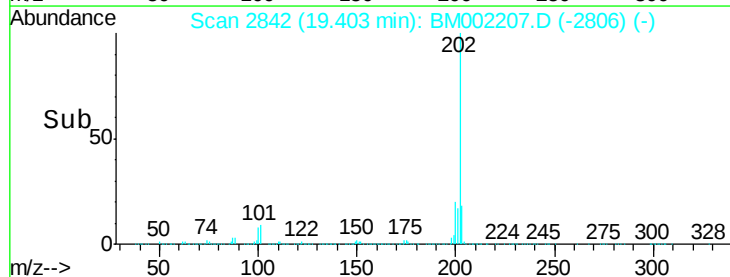
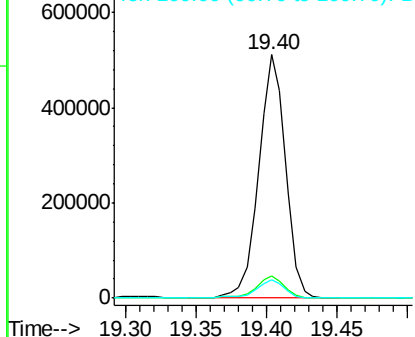


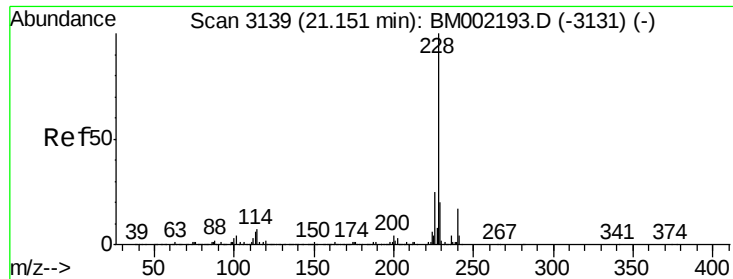
#80
 Pyrene
 Concen: 25.02 ng/ul
 RT: 19.40 min Scan# 2842
 Delta R.T. 0.01 min
 Lab File: BM002207.D
 Acq: 03 Aug 2015 21:02

Tgt Ion:	202	Resp:	680405
Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.4	11.2
100	7.6	6.3	9.5



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

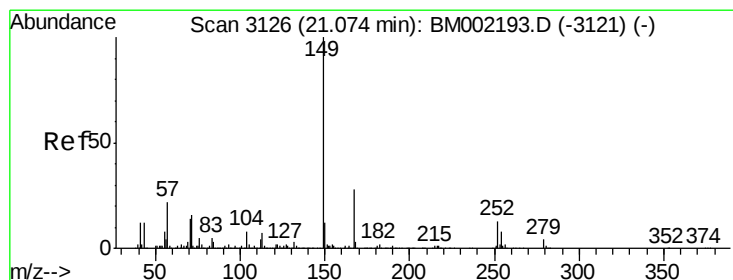
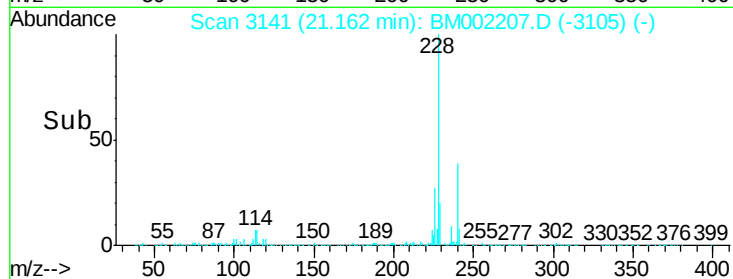
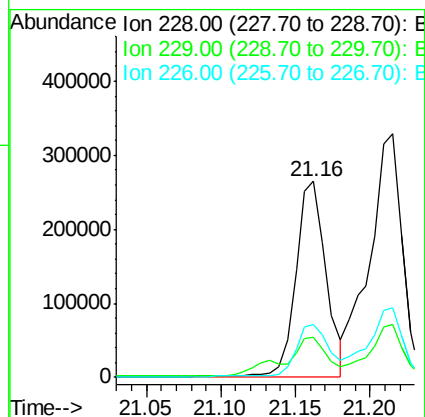
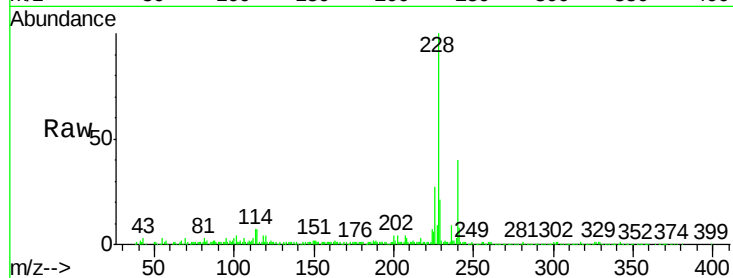




#83
 Benzo(a)anthracene
 Concen: 13.37 ng/ul
 RT: 21.16 min Scan# 3141
 Delta R.T. 0.01 min
 Lab File: BM002207.D
 Acq: 03 Aug 2015 21:02

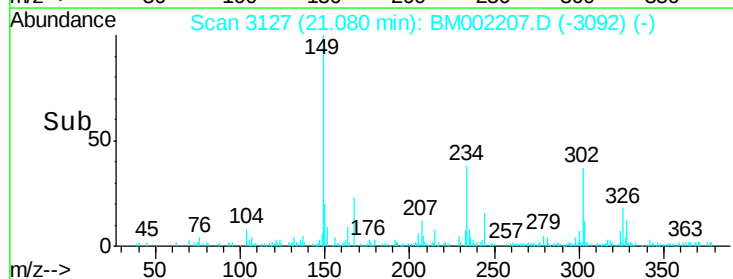
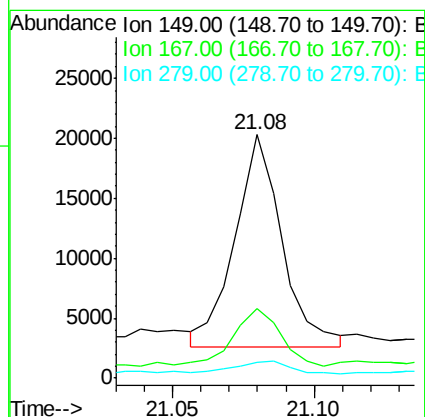
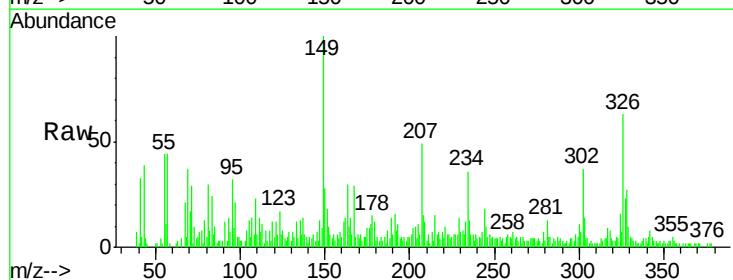
Instrument :
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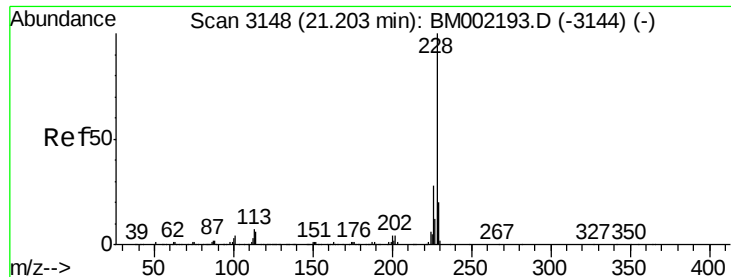
Tgt Ion:228 Resp: 370463
 Ion Ratio Lower Upper
 228 100
 229 20.7 15.4 23.2
 226 27.3 20.5 30.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.29 ng/ul
 RT: 21.08 min Scan# 3127
 Delta R.T. 0.01 min
 Lab File: BM002207.D
 Acq: 03 Aug 2015 21:02

Tgt Ion:149 Resp: 20505
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.6 35.4
 279 6.6 4.2 6.4#





#85

Chrysene

Concen: 19.07 ng/ul

RT: 21.22 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BM002207.D

Acq: 03 Aug 2015 21:02

Instrument :

BNA_M

ClientSampleId :

C01M4

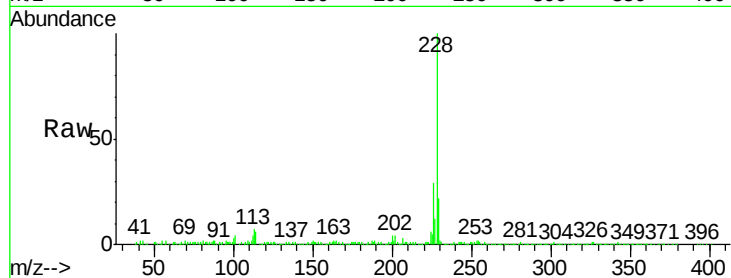
Tgt Ion:228 Resp: 494221

Ion Ratio Lower Upper

228 100

226 28.7 22.3 33.5

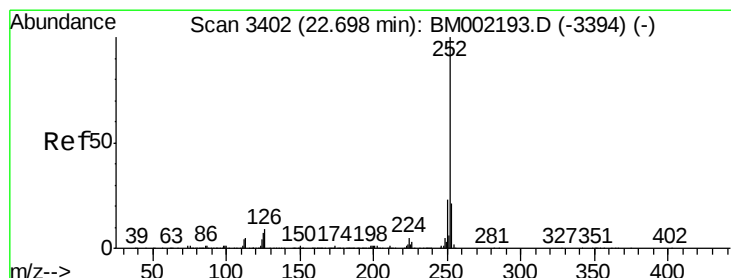
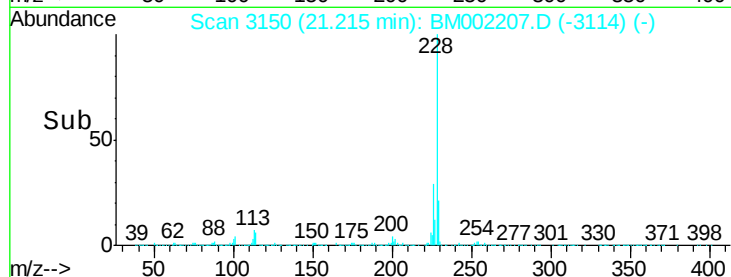
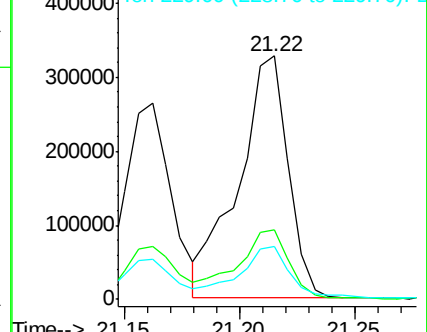
229 21.9 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 30.14 ng/ul

RT: 22.72 min Scan# 3405

Delta R.T. 0.02 min

Lab File: BM002207.D

Acq: 03 Aug 2015 21:02

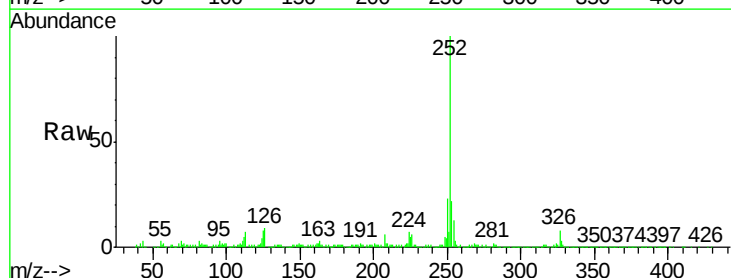
Tgt Ion:252 Resp: 740062

Ion Ratio Lower Upper

252 100

253 22.4 16.9 25.3

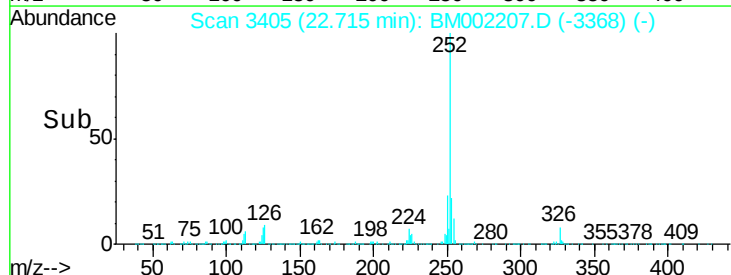
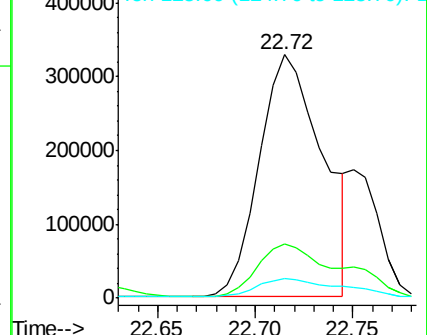
125 8.3 6.2 9.2

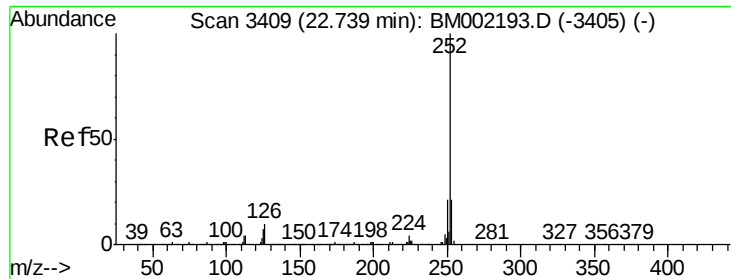


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 15.07 ng/ul

RT: 22.72 min Scan# 3405

Delta R.T. -0.02 min

Lab File: BM002207.D

Acq: 03 Aug 2015 21:02

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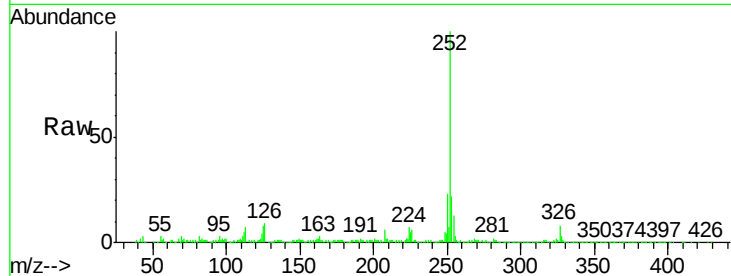
Tgt Ion:252 Resp: 356985

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

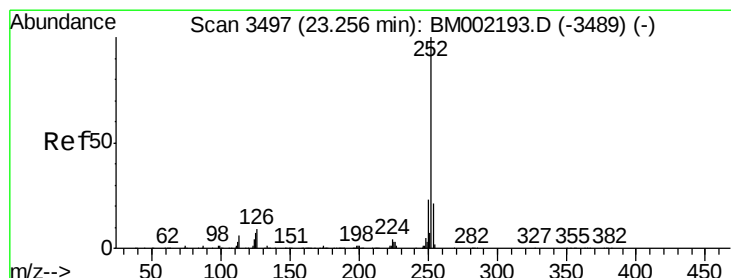
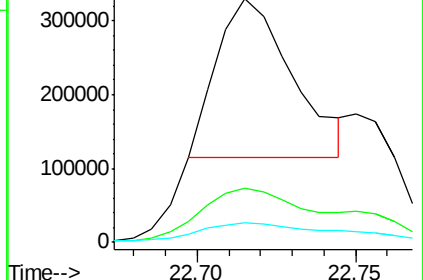
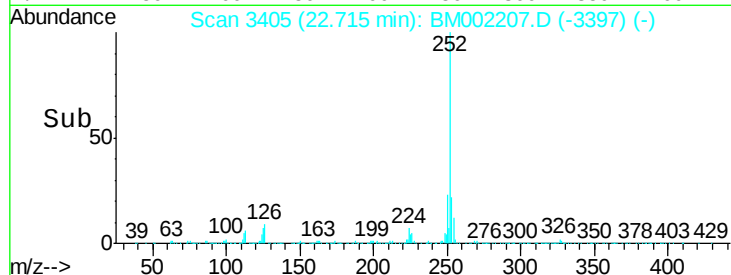
125 8.3 6.2 9.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 15.56 ng/ul

RT: 23.27 min Scan# 3500

Delta R.T. 0.02 min

Lab File: BM002207.D

Acq: 03 Aug 2015 21:02

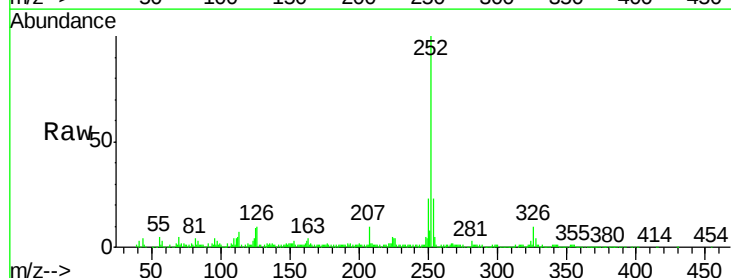
Tgt Ion:252 Resp: 368719

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

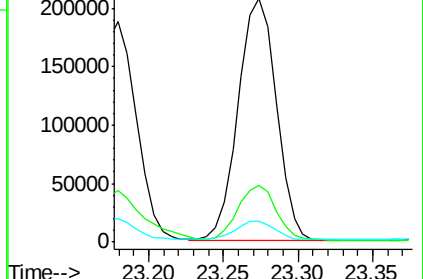
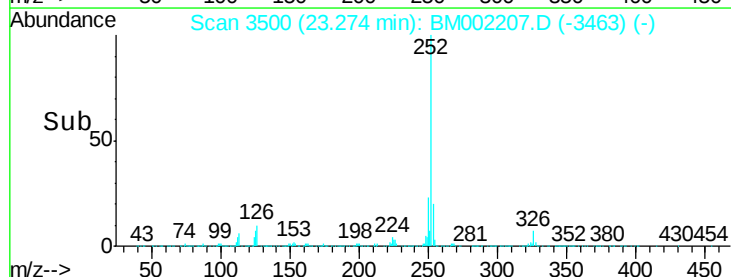
125 8.7 6.6 10.0

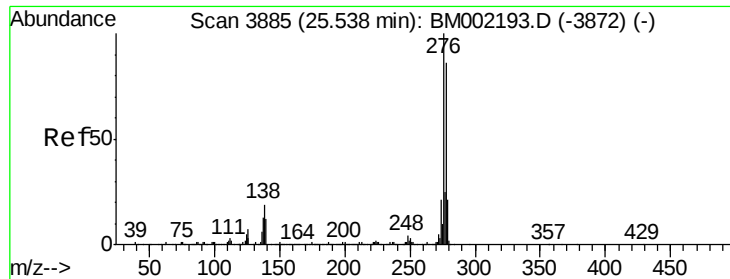


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 10.15 ng/ul

RT: 25.57 min Scan# 3890

Delta R.T. 0.03 min

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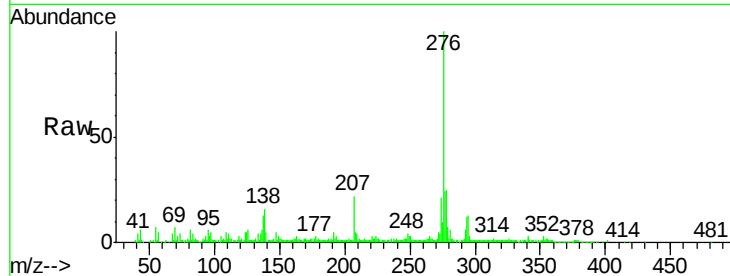
Tgt Ion:276 Resp: 277300

Ion Ratio Lower Upper

276 100

138 16.3 16.2 24.2

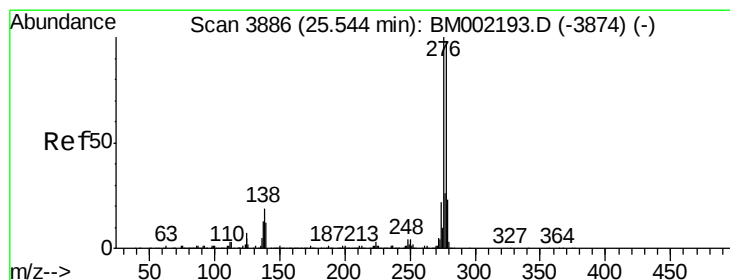
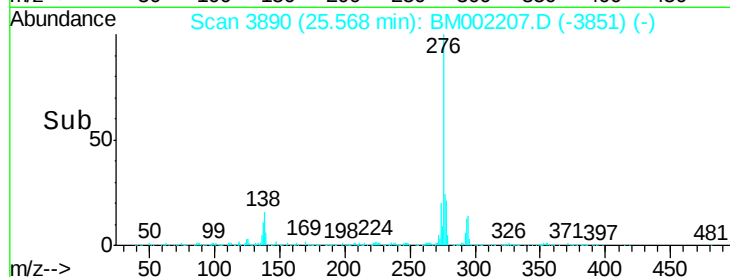
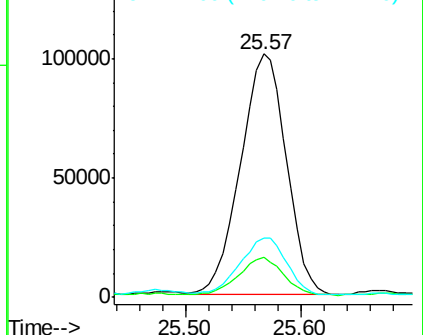
277 24.3 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 3.42 ng/ul

RT: 25.57 min Scan# 3890

Delta R.T. 0.02 min

Lab File: BM002207.D

Acq: 03 Aug 2015 21:02

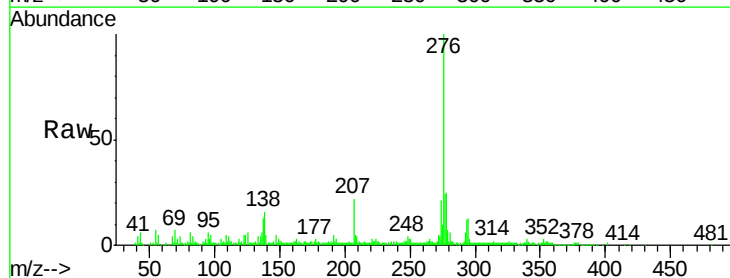
Tgt Ion:278 Resp: 80036

Ion Ratio Lower Upper

278 100

139 19.4 10.6 16.0#

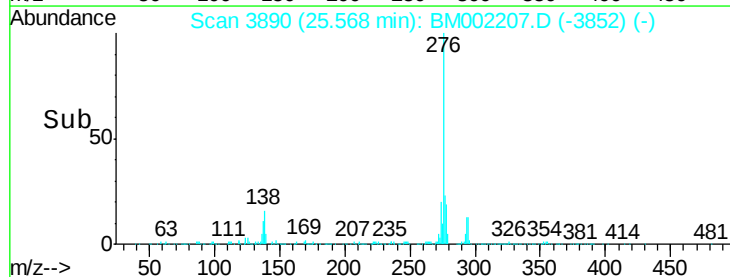
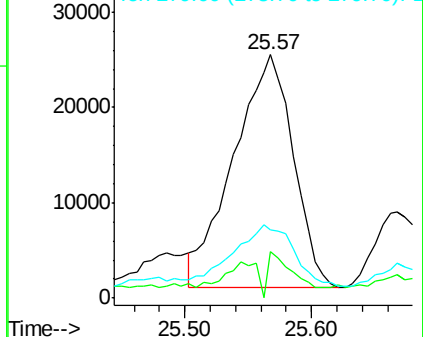
279 28.0 18.5 27.7#

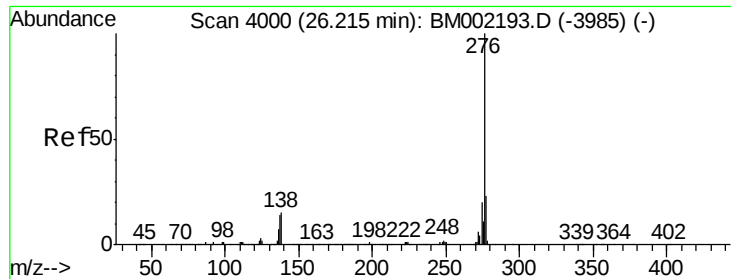


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94
 Benzo(g,h,i)perylene
 Concen: 10.80 ng/ul
 RT: 26.25 min Scan# 4006
 Delta R.T. 0.04 min
 Lab File: BM002207.D
 Acq: 03 Aug 2015 21:02

Instrument :
 BNA_M
 ClientSampleId :
 C01M4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.8	20.6
277	25.3	18.2	27.2

