

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
 Data File : BM002201.D
 Acq On : 03 Aug 2015 17:21
 Operator : TP/UM
 Sample : G3095-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R4

Quant Time: Aug 04 02:36:45 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	112749	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	468257	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	279028	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	553772	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	552461	20.00	ng/ul	0.01
86) Perylene-d12	23.37	264	595192	20.00	ng/ul	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	1873	0.86	ng/uL	0.00
5) Phenol-d5	6.73	99	43270	5.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	26001	5.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	35115	5.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	30911	4.82	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	20041	6.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	20722	5.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	34074	4.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	21080	2.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	127328	6.23	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	159991	6.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	5831	1.71	ng/ul	0.02
58) Fluorene-d10	15.20	176	112313	6.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	553	0.16	ng/ul	0.01
71) Anthracene-d10	17.06	188	149778	6.06	ng/ul	0.00
79) Pyrene-d10	19.37	212	146401	6.29	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	167972	5.82	ng/ul	0.02

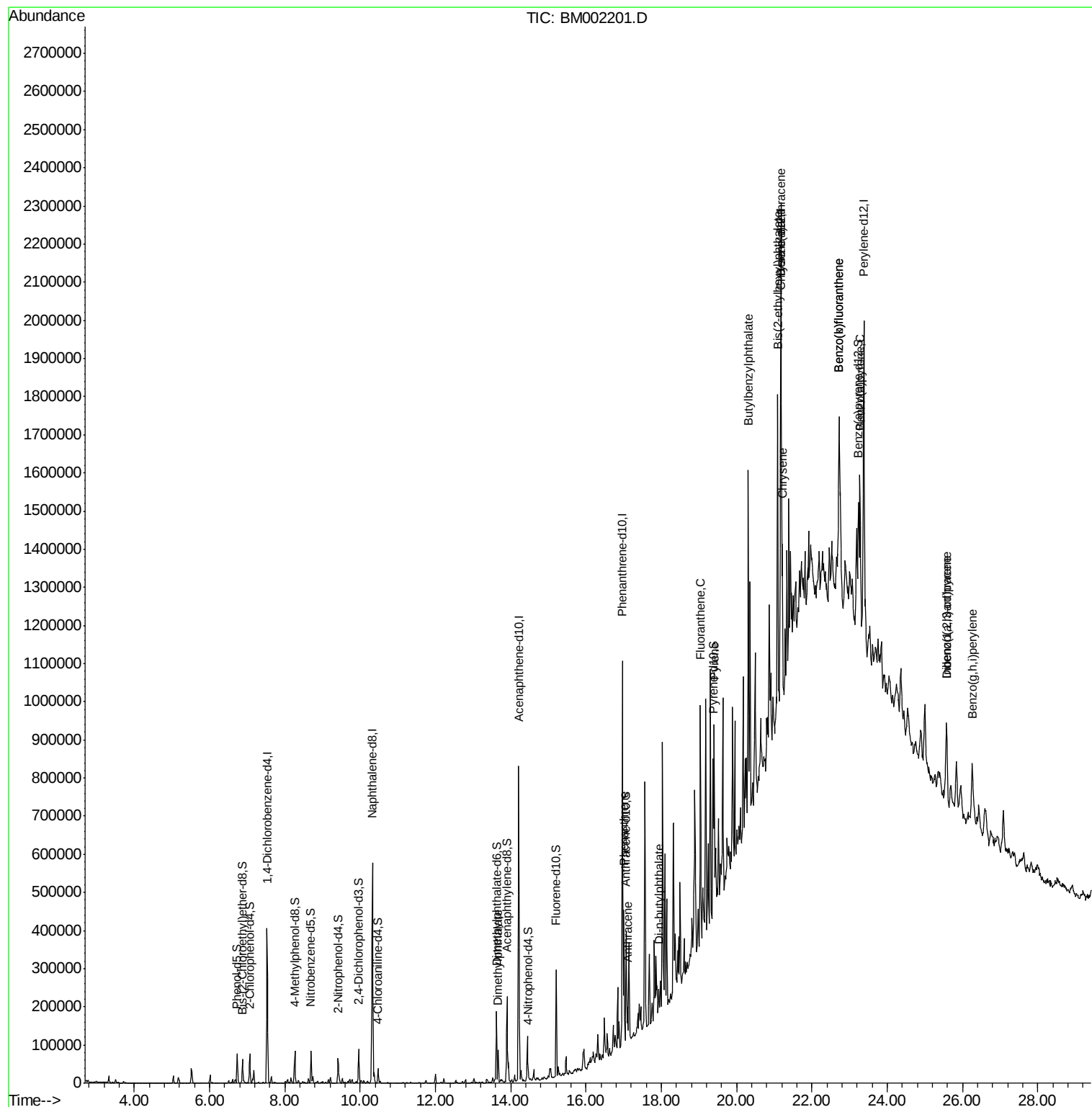
Target Compounds				Qvalue		
45) Dimethylphthalate	13.66	163	52622	2.58	ng/ul	100
70) Phenanthrene	17.00	178	196733	6.86	ng/ul	99
72) Anthracene	17.10	178	60135	2.05	ng/ul	98
76) Di-n-butylphthalate	17.93	149	48733	1.63	ng/ul#	95
77) Fluoranthene	19.03	202	361175	10.91	ng/ul	99
80) Pyrene	19.40	202	329609	10.96	ng/ul	97
81) Butylbenzylphthalate	20.31	149	259809	22.63	ng/ul	99
83) Benzo(a)anthracene	21.16	228	201440	6.58	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.09	149	305314	17.37	ng/ul	100
85) Chrysene	21.21	228	216659	7.56	ng/ul	95
88) Benzo(b)fluoranthene	22.71	252	351108	10.50	ng/ul#	92
89) Benzo(k)fluoranthene	22.71	252	102348	3.17	ng/ul#	93
91) Benzo(a)pyrene	23.27	252	225589	6.99	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.57	276	195636	5.26	ng/ul	94
93) Dibenzo(a,h)anthracene	25.57	278	50115	1.57	ng/ul#	75
94) Benzo(g,h,i)perylene	26.25	276	196593	6.30	ng/ul	96

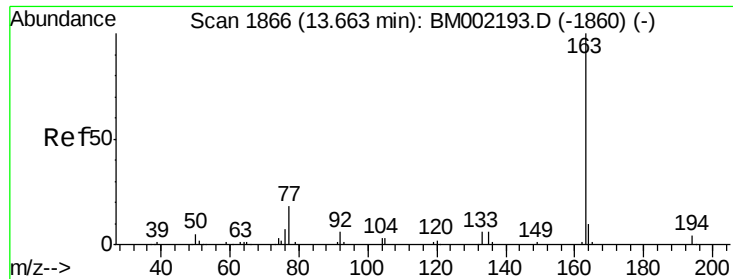
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:31:26 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 2.58 ng/ul

RT: 13.66 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BM002201.D

Acq: 03 Aug 2015 17:21

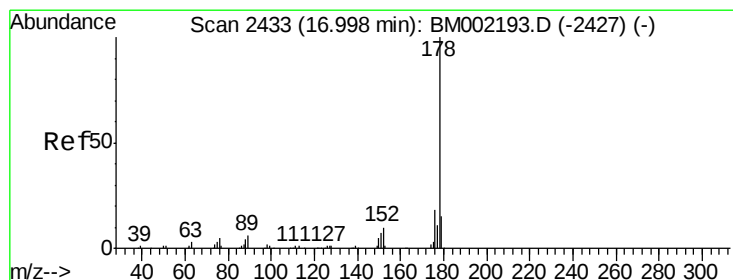
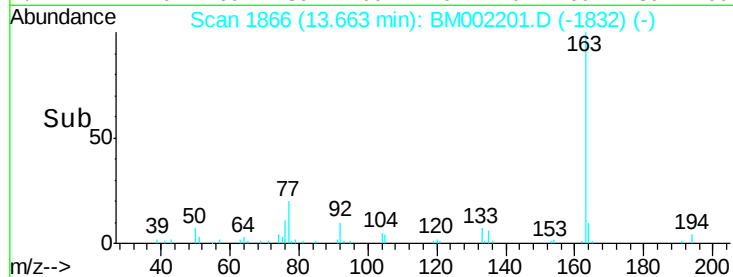
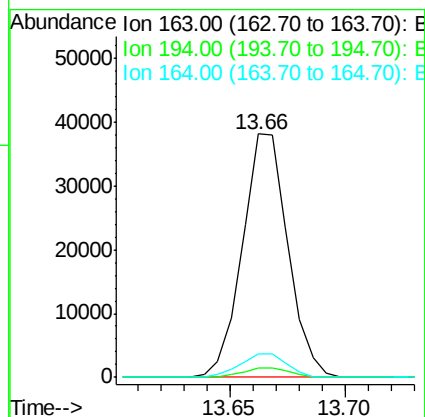
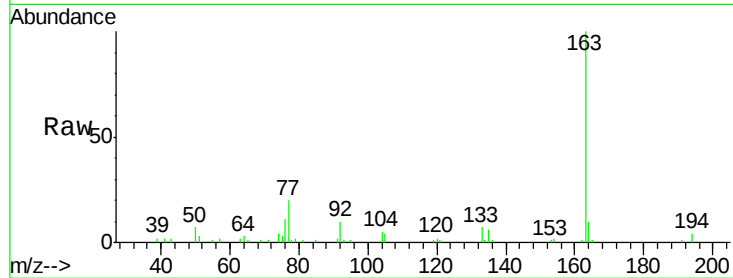
Instrument :

BNA_M

ClientSampled :

C01R4

Tgt Ion:	163	Resp:	52622
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	9.9	8.0	12.0



#70

Phenanthrene

Concen: 6.86 ng/ul

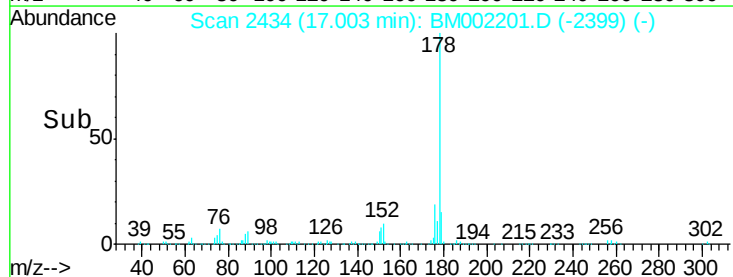
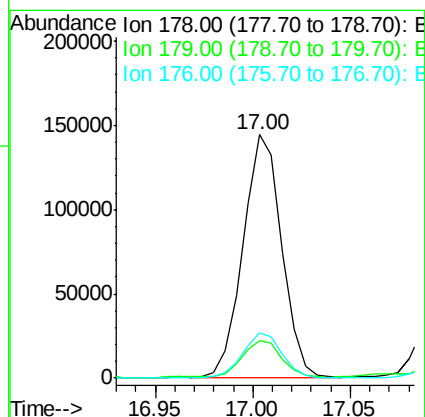
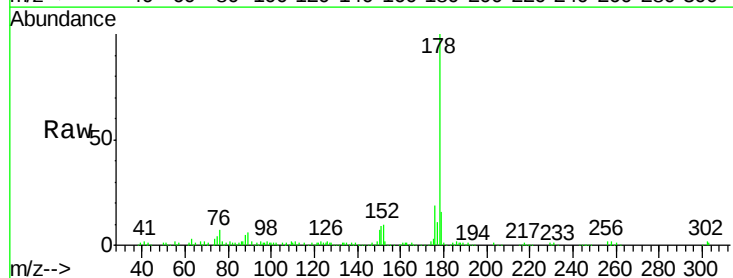
RT: 17.00 min Scan# 2434

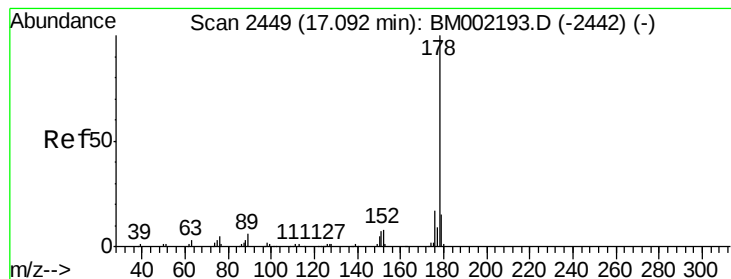
Delta R.T. 0.01 min

Lab File: BM002201.D

Acq: 03 Aug 2015 17:21

Tgt Ion:	178	Resp:	196733
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.5	18.7
176	18.8	14.2	21.4





#72

Anthracene

Concen: 2.05 ng/ul

RT: 17.10 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BM002201.D

Acq: 03 Aug 2015 17:21

Instrument :

BNA_M

ClientSampleId :

C01R4

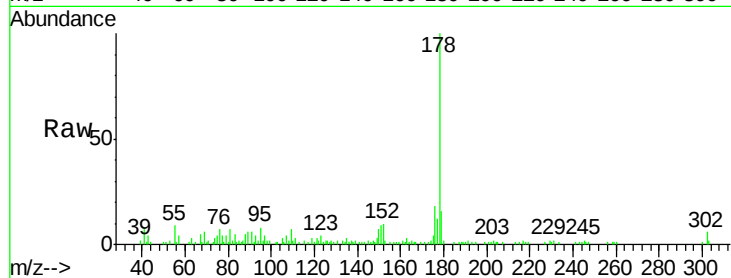
Tgt Ion:178 Resp: 60135

Ion Ratio Lower Upper

178 100

179 16.0 12.1 18.1

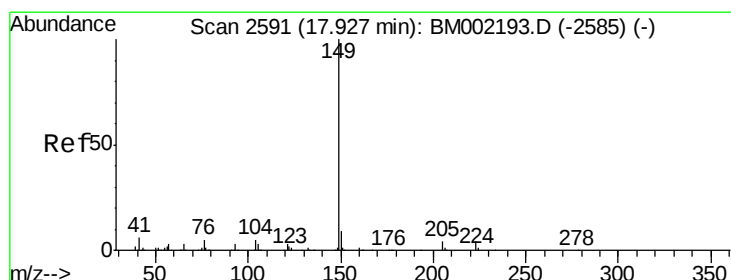
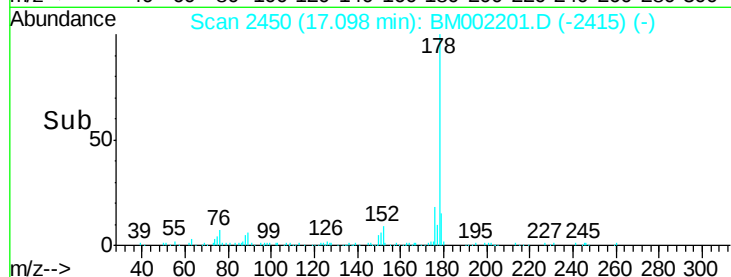
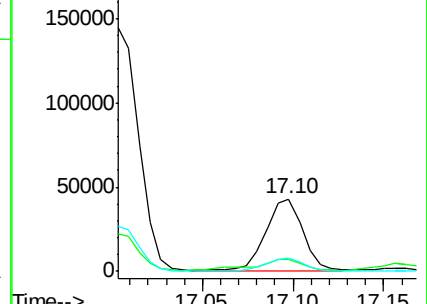
176 18.2 14.1 21.1



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



#76

Di-n-butylphthalate

Concen: 1.63 ng/ul

RT: 17.93 min Scan# 2591

Delta R.T. -0.00 min

Lab File: BM002201.D

Acq: 03 Aug 2015 17:21

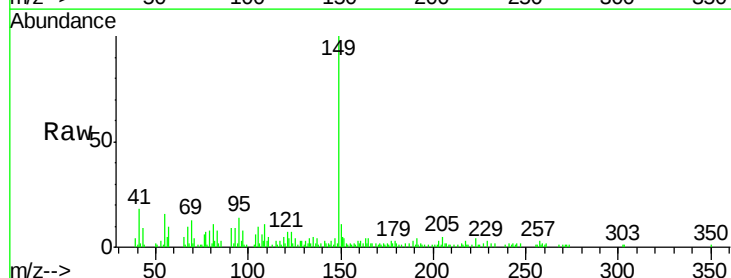
Tgt Ion:149 Resp: 48733

Ion Ratio Lower Upper

149 100

150 11.0 7.0 10.4#

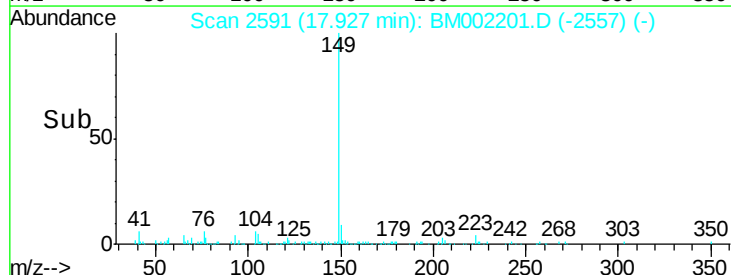
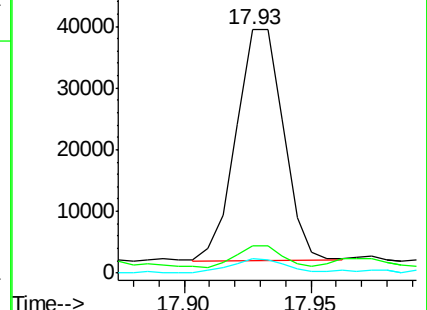
104 6.0 4.2 6.2

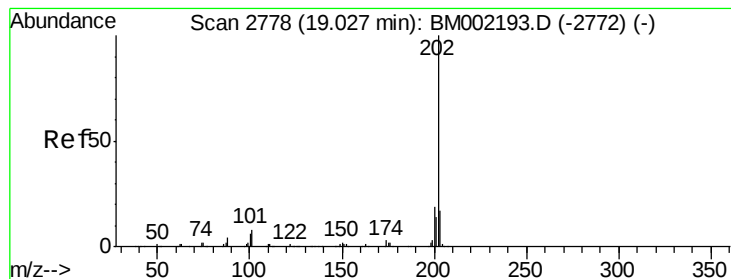


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 10.91 ng/ul

RT: 19.03 min Scan# 2779

Delta R.T. 0.01 min

Lab File: BM002201.D

Acq: 03 Aug 2015 17:21

Instrument :

BNA_M

ClientSampleId :

C01R4

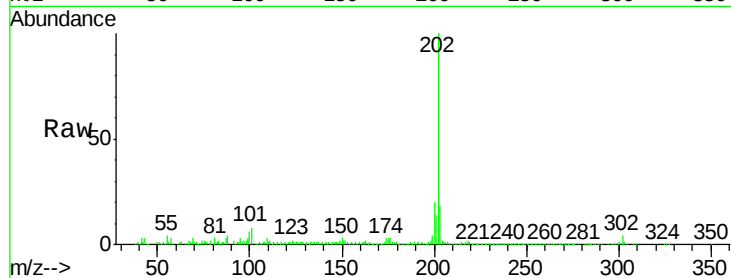
Tgt Ion:202 Resp: 361175

Ion Ratio Lower Upper

202 100

101 7.6 6.2 9.4

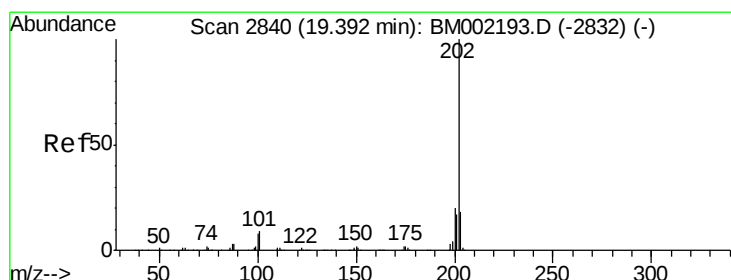
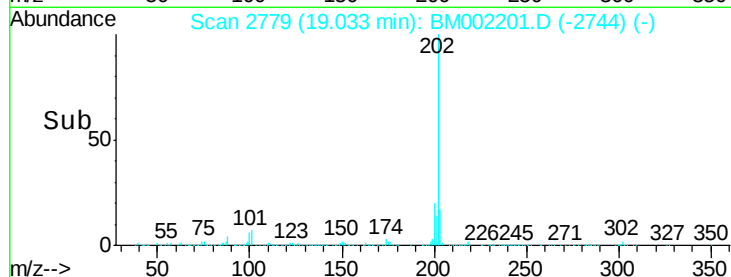
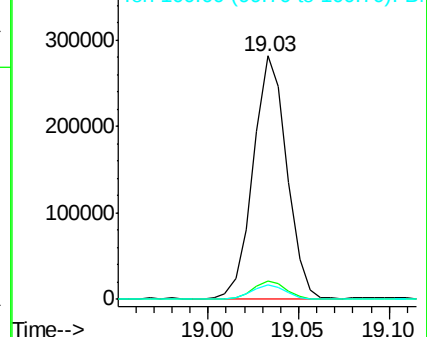
100 6.2 5.2 7.8



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: 10.96 ng/ul

RT: 19.40 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BM002201.D

Acq: 03 Aug 2015 17:21

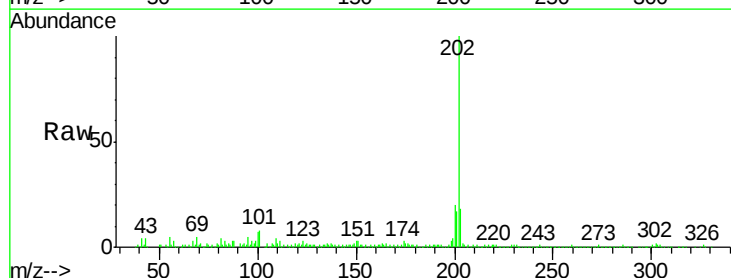
Tgt Ion:202 Resp: 329609

Ion Ratio Lower Upper

202 100

101 8.2 7.4 11.2

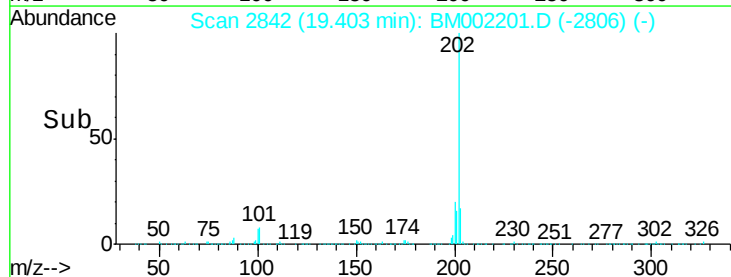
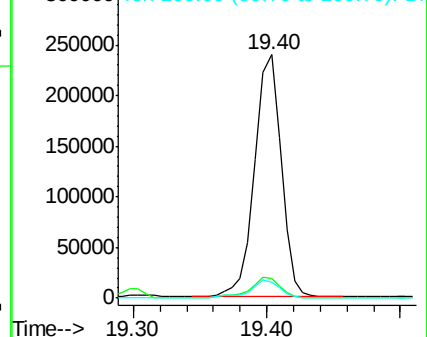
100 6.6 6.3 9.5

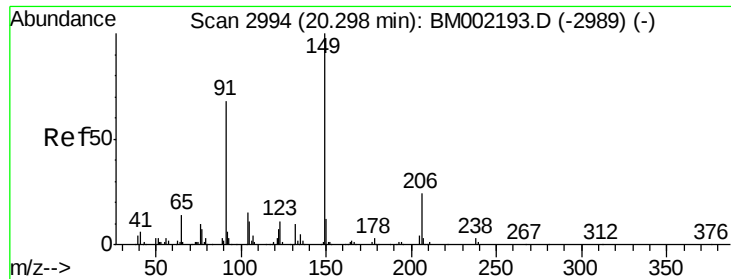


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

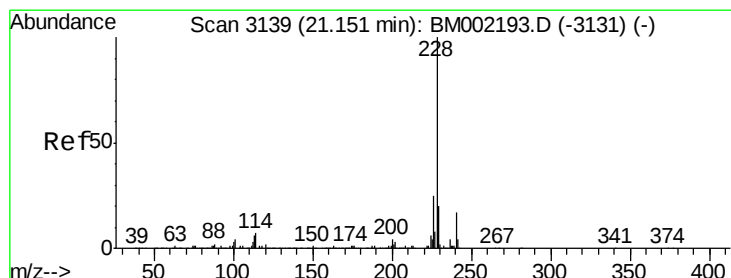
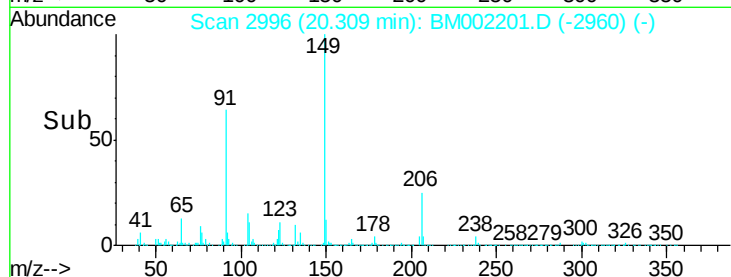
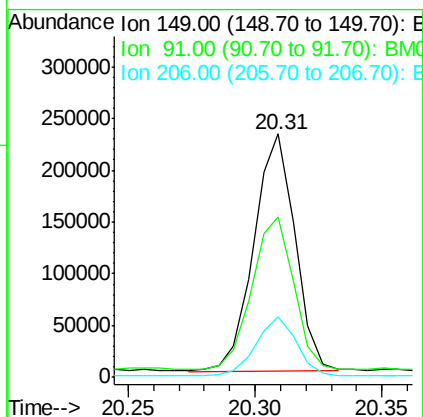
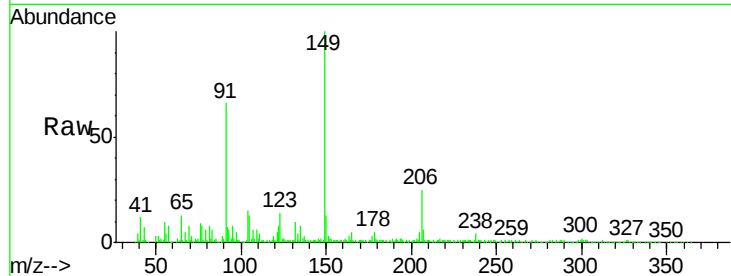




#81
Butylbenzylphthalate
Concen: 22.63 ng/ul
RT: 20.31 min Scan# 2996
Delta R.T. 0.01 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

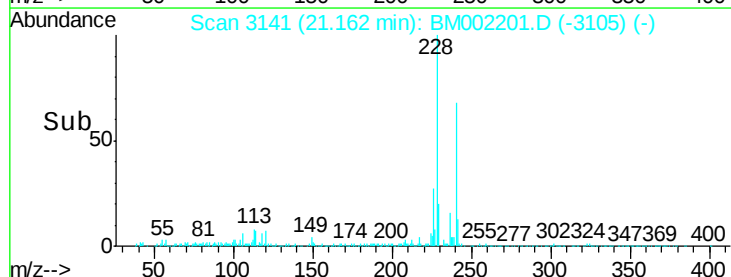
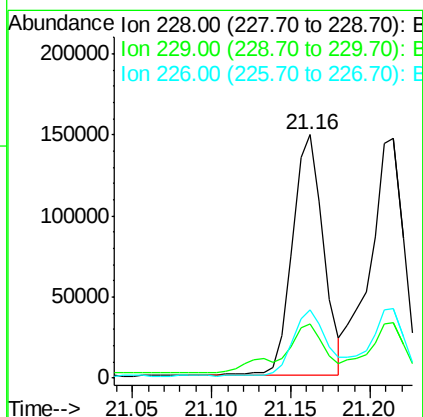
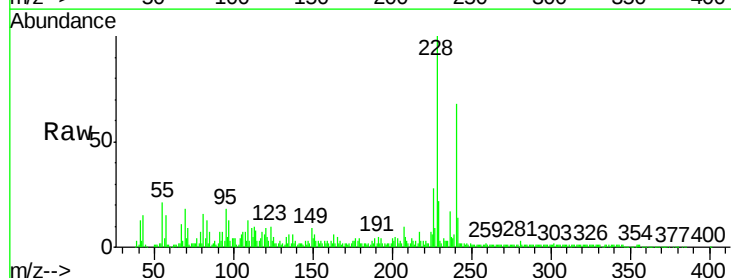
Instrument :
BNA_M
ClientSampleId :
C01R4

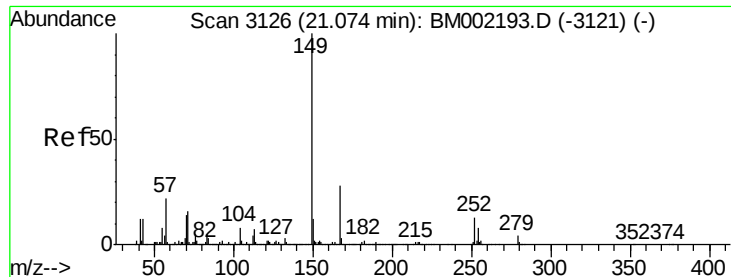
Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.1	52.4	78.6
206	24.9	19.9	29.9



#83
Benzo(a)anthracene
Concen: 6.58 ng/ul
RT: 21.16 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.4	23.2
226	27.9	20.5	30.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 17.37 ng/ul

RT: 21.09 min Scan# 3128

Delta R.T. 0.01 min

Lab File: BM002201.D

Acq: 03 Aug 2015 17:21

Instrument :

BNA_M

ClientSampleId :

C01R4

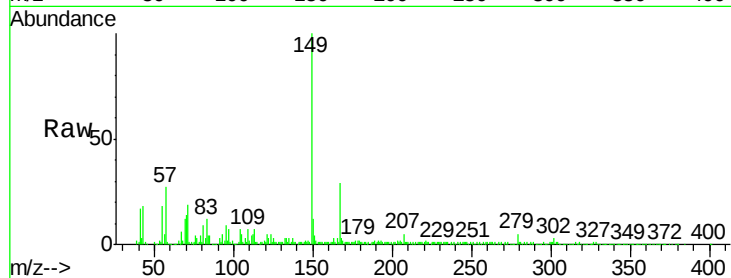
Tgt Ion:149 Resp: 305314

Ion Ratio Lower Upper

149 100

167 29.4 23.6 35.4

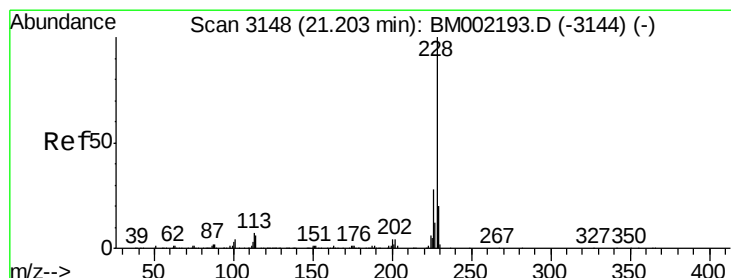
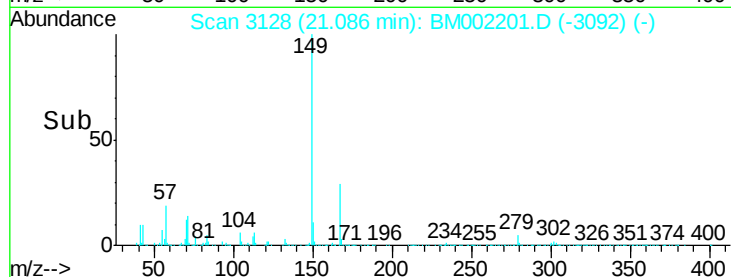
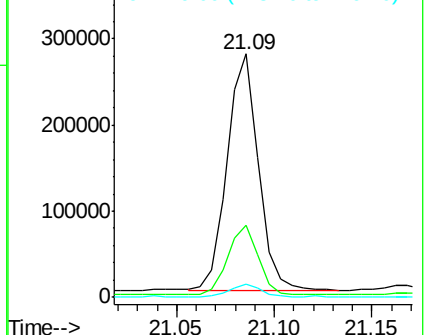
279 5.3 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 7.56 ng/ul

RT: 21.21 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BM002201.D

Acq: 03 Aug 2015 17:21

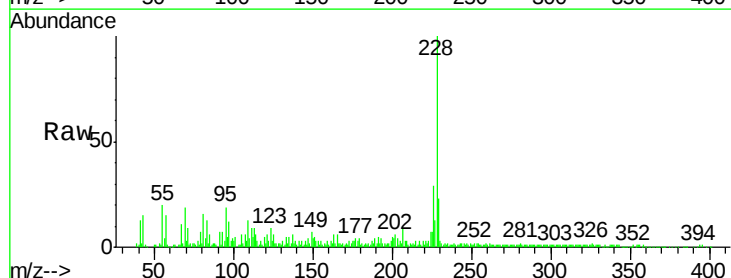
Tgt Ion:228 Resp: 216659

Ion Ratio Lower Upper

228 100

226 29.1 22.3 33.5

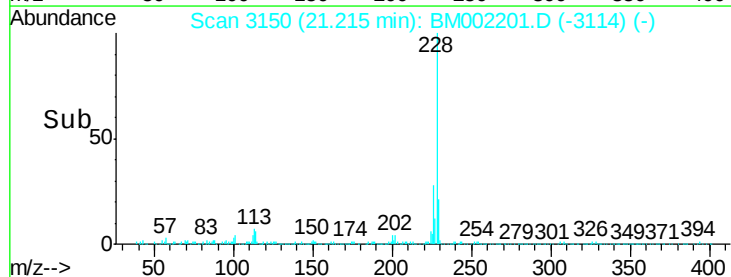
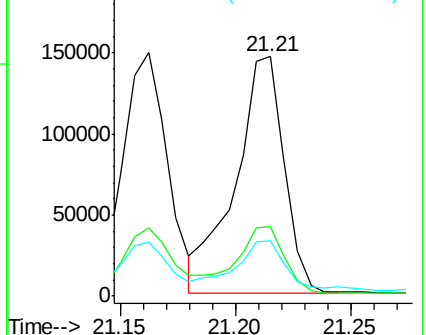
229 23.2 15.5 23.3

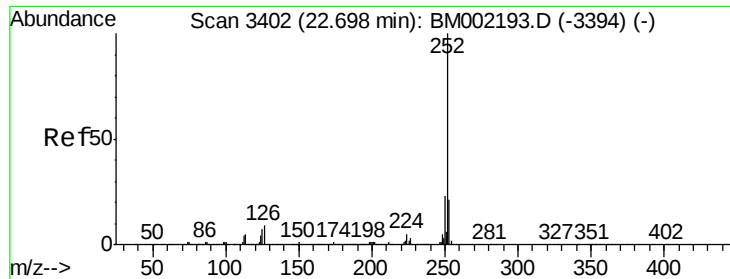


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 10.50 ng/ul

RT: 22.71 min Scan# 3405

Delta R.T. 0.02 min

Lab File: BM002201.D

Acq: 03 Aug 2015 17:21

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BNA_M

ClientSampleId :

C01R4

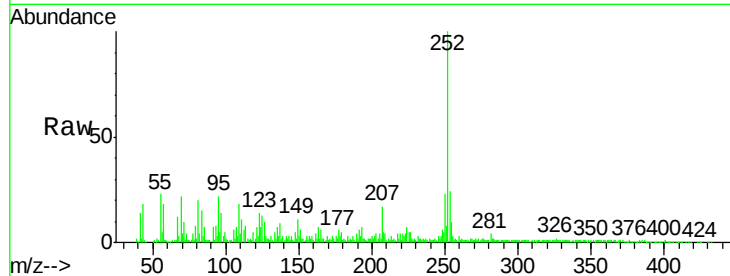
Tgt Ion:252 Resp: 351108

Ion Ratio Lower Upper

252 100

253 23.7 16.9 25.3

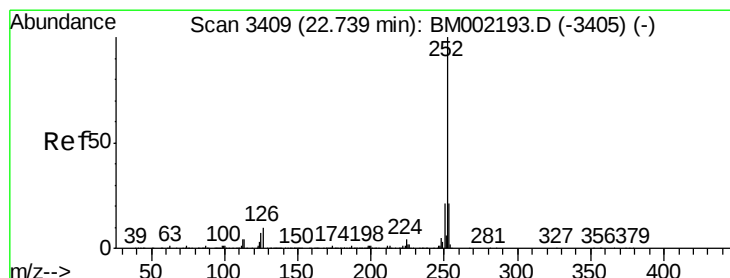
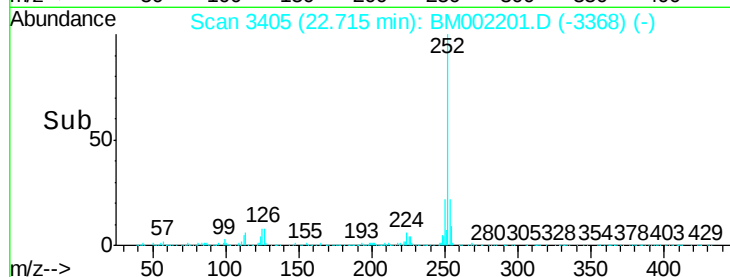
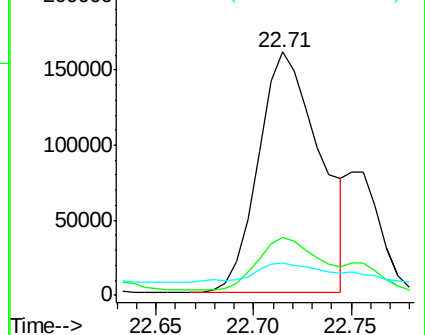
125 13.4 6.2 9.2#



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: 3.17 ng/ul

RT: 22.71 min Scan# 3405

Delta R.T. -0.02 min

Lab File: BM002201.D

Acq: 03 Aug 2015 17:21

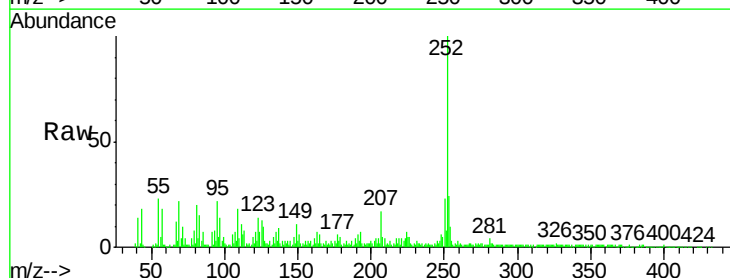
Tgt Ion:252 Resp: 102348

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.0

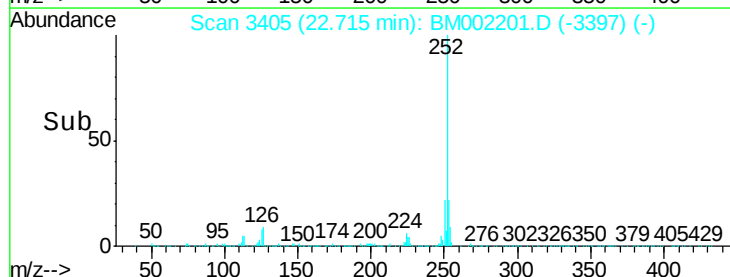
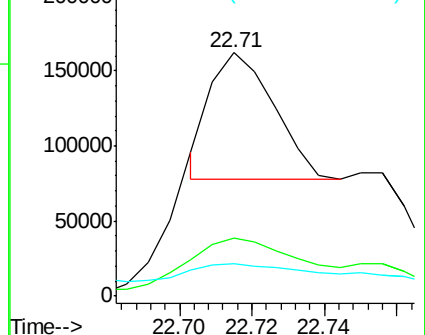
125 13.4 6.2 9.4#

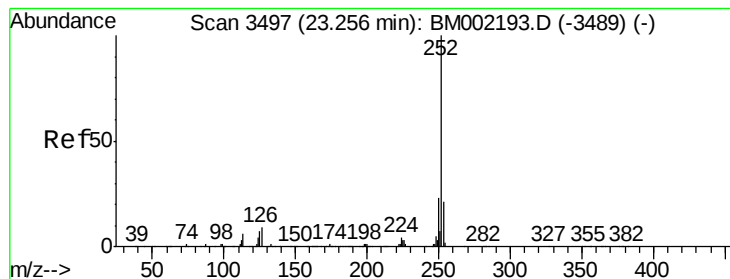


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 6.99 ng/ul

RT: 23.27 min Scan# 3500

Delta R.T. 0.02 min

Lab File: BM002201.D

Acq: 03 Aug 2015 17:21

Instrument :

BNA_M

ClientSampleId :

C01R4

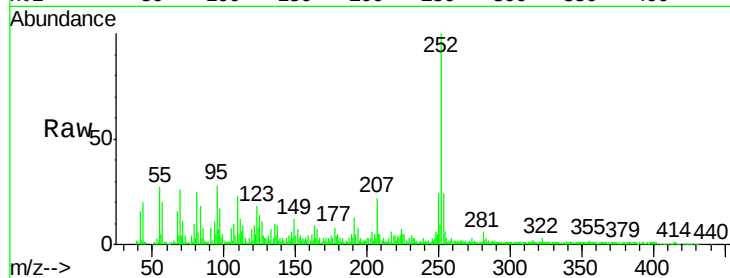
Tgt Ion:252 Resp: 225589

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

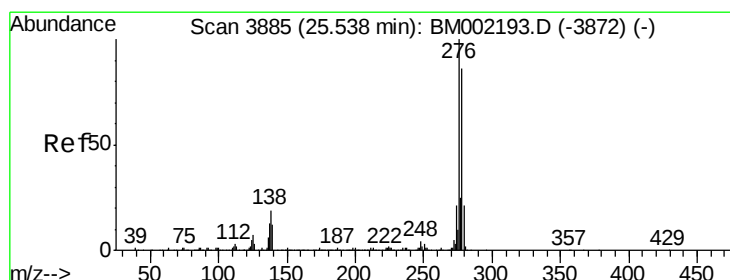
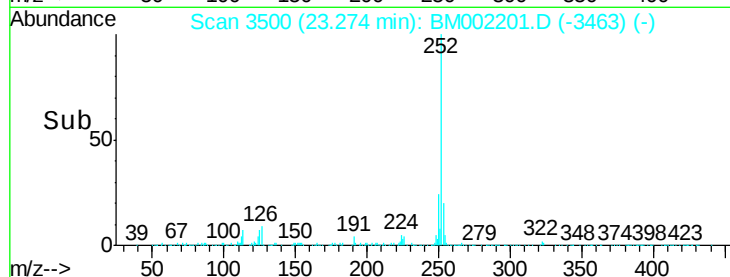
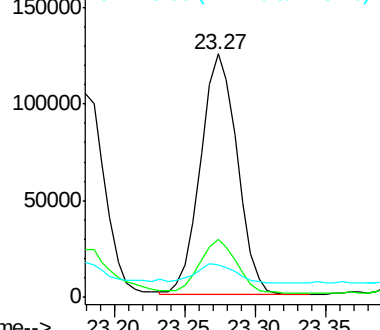
125 13.6 6.6 10.0#



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: 5.26 ng/ul

RT: 25.57 min Scan# 3891

Delta R.T. 0.04 min

Lab File: BM002201.D

Acq: 03 Aug 2015 17:21

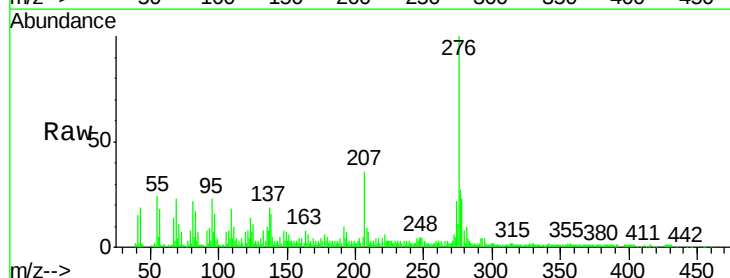
Tgt Ion:276 Resp: 195636

Ion Ratio Lower Upper

276 100

138 16.4 16.2 24.2

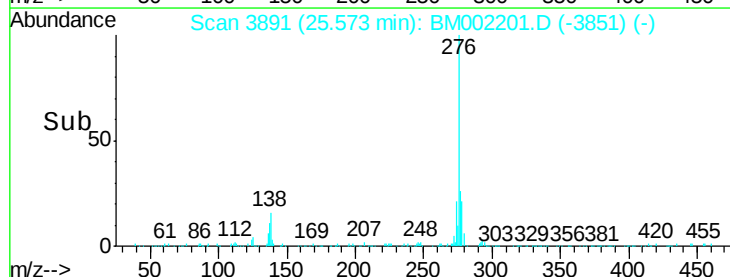
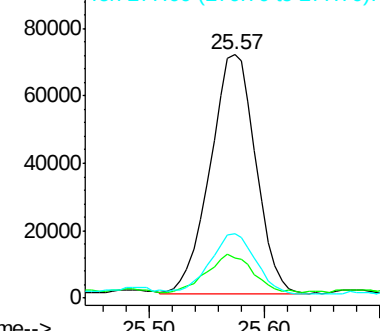
277 26.7 19.8 29.8

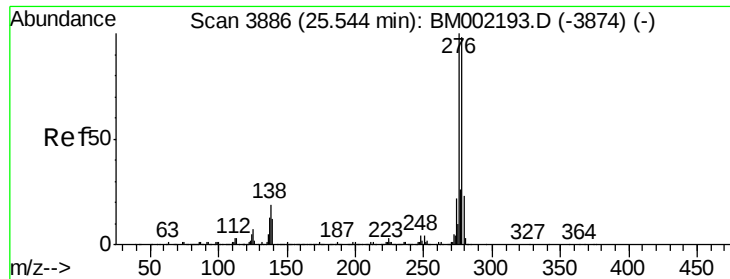


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

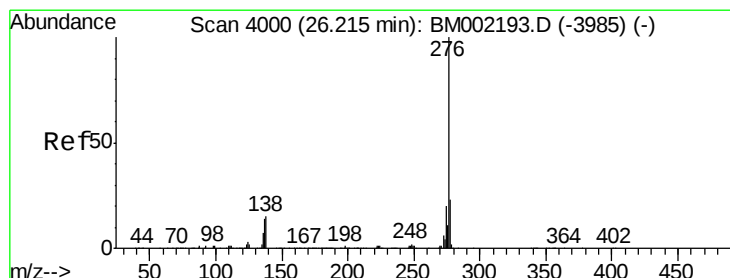
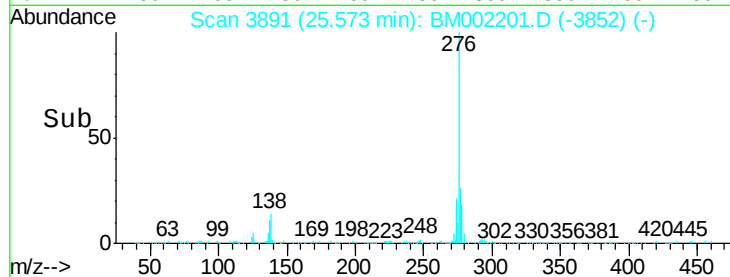
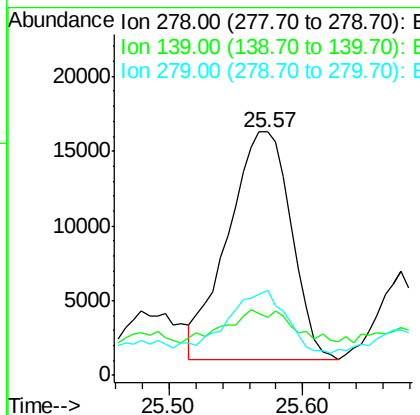
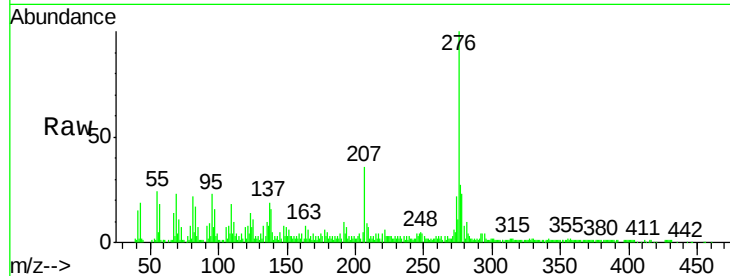




#93
Dibenzo(a,h)anthracene
Concen: 1.57 ng/ul
RT: 25.57 min Scan# 3891
Delta R.T. 0.03 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Instrument :
BNA_M
ClientSampleId :
C01R4

Tgt Ion:278 Resp: 50115
Ion Ratio Lower Upper
278 100
139 23.9 10.6 16.0#
279 34.7 18.5 27.7#



#94
Benzo(g,h,i)perylene
Concen: 6.30 ng/ul
RT: 26.25 min Scan# 4006
Delta R.T. 0.04 min
Lab File: BM002201.D
Acq: 03 Aug 2015 17:21

Tgt Ion:276 Resp: 196593
Ion Ratio Lower Upper
276 100
138 17.2 13.8 20.6
277 25.8 18.2 27.2

