

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
 Data File : BM002115.D
 Acq On : 29 Jul 2015 04:41
 Operator : TP/UM
 Sample : G3048-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02L1

Quant Time: Jul 29 06:40:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:50:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	59477	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	239672	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	141884	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	309654	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	361608	20.00	ng/ul	0.01
86) Perylene-d12	23.42	264	369453	20.00	ng/ul	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	1879	1.63	ng/uL	0.00
5) Phenol-d5	6.78	99	39480	9.29	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	23363	9.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	35469	9.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	21858	6.47	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	16134	9.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	12898	6.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	32874	9.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	21016	5.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	102230	9.84	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	107815	8.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	8005	4.61	ng/ul	0.02
58) Fluorene-d10	15.26	176	76708	8.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	138	0.07	ng/ul	0.01
71) Anthracene-d10	17.11	188	110683	8.01	ng/ul	0.00
79) Pyrene-d10	19.42	212	120803	7.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	129901	7.25	ng/ul	0.02

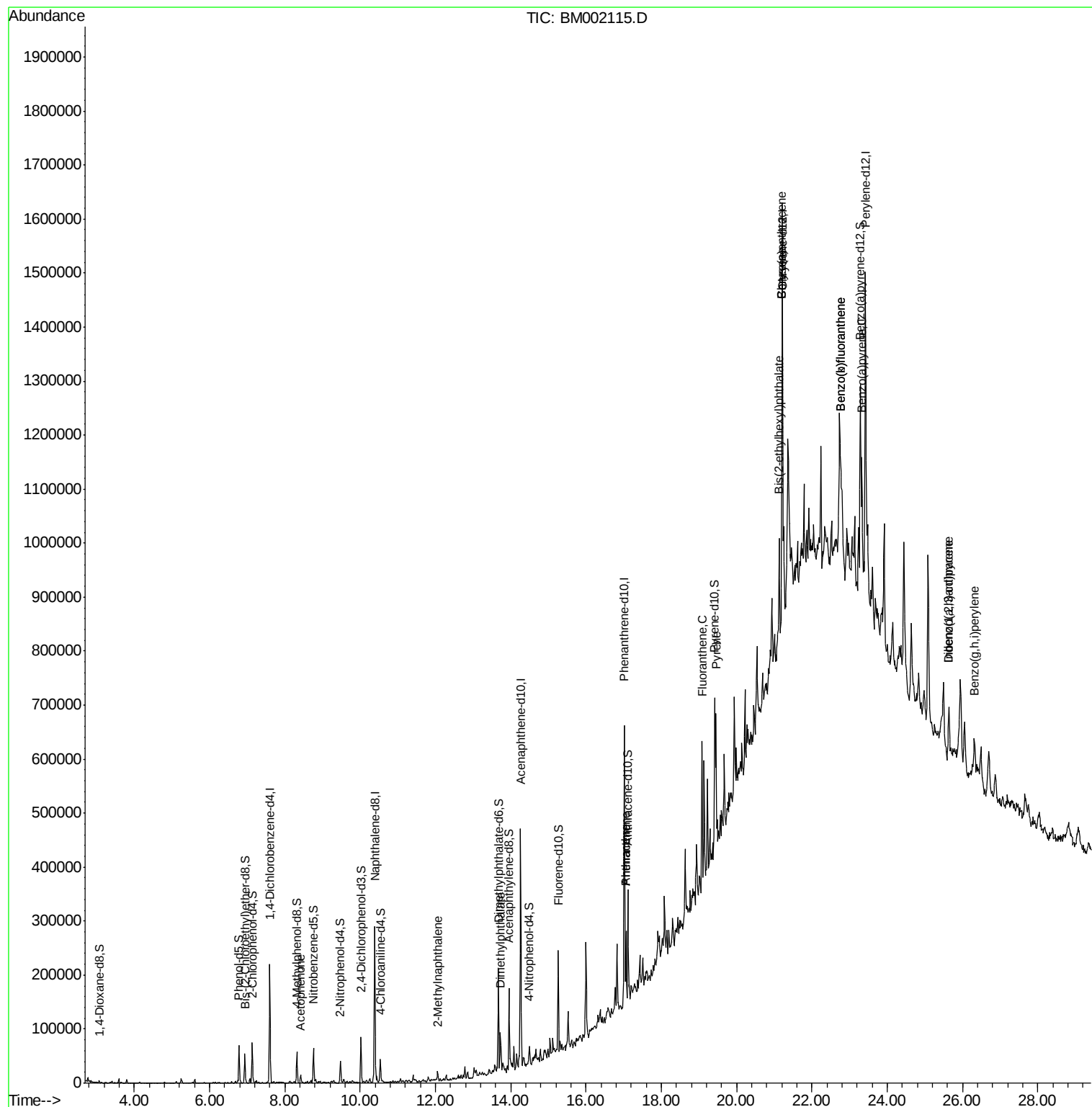
Target Compounds				Qvalue		
14) Acetophenone	8.42	105	7295	1.36	ng/ul	95
34) 2-Methylnaphthalene	12.06	142	9378	1.13	ng/ul	99
45) Dimethylphthalate	13.72	163	38398	3.70	ng/ul	98
70) Phenanthrene	17.06	178	80488	5.02	ng/ul	98
72) Anthracene	17.06	178	80790	4.93	ng/ul	97
77) Fluoranthene	19.08	202	162150	8.76	ng/ul	99
80) Pyrene	19.44	202	163662	8.32	ng/ul	99
83) Benzo(a)anthracene	21.20	228	86893	4.33	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.13	149	59516	5.17	ng/ul#	95
85) Chrysene	21.20	228	87044	4.64	ng/ul	96
88) Benzo(b)fluoranthene	22.76	252	156271	7.53	ng/ul#	83
89) Benzo(k)fluoranthene	22.76	252	50247	2.51	ng/ul#	84
91) Benzo(a)pyrene	23.32	252	101267	5.05	ng/ul#	84
92) Indeno(1,2,3-cd)pyrene	25.63	276	81662	3.54	ng/ul	97
93) Dibenzo(a,h)anthracene	25.64	278	20755	1.05	ng/ul#	62
94) Benzo(g,h,i)perylene	26.32	276	81828	4.23	ng/ul	97

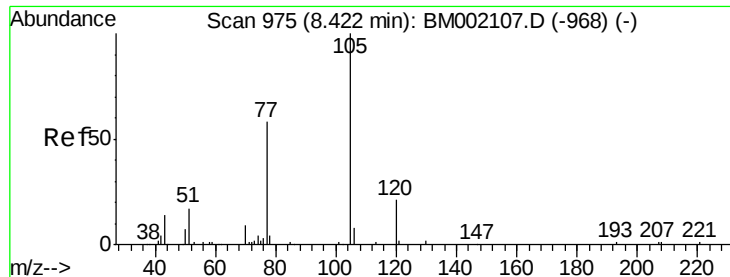
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.36 ng/ul

RT: 8.42 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM002115.D

Acq: 29 Jul 2015 04:41

Instrument :

BNA_M

ClientSampleId :

C02L1

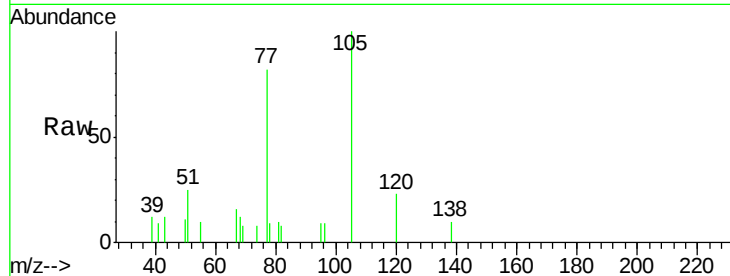
Tgt Ion:105 Resp: 7295

Ion Ratio Lower Upper

105 100

77 81.7 61.8 92.8

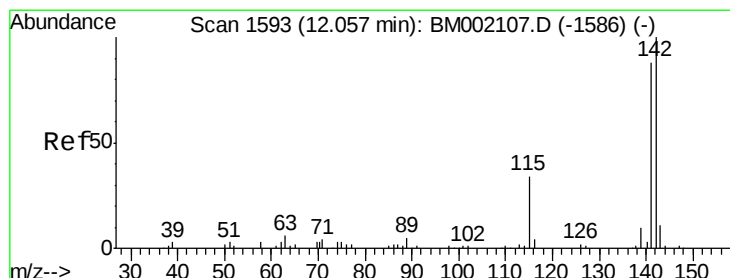
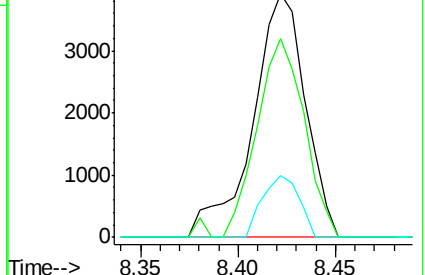
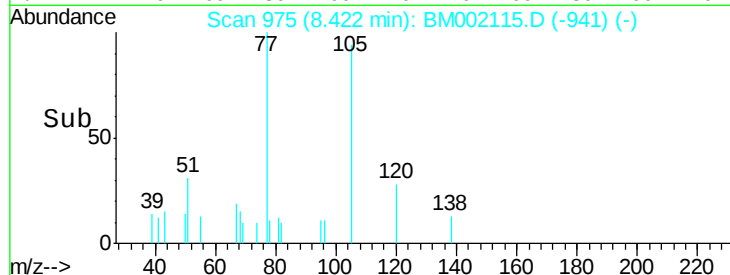
51 25.4 18.5 27.7



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#34

2-Methylnaphthalene

Concen: 1.13 ng/ul

RT: 12.06 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BM002115.D

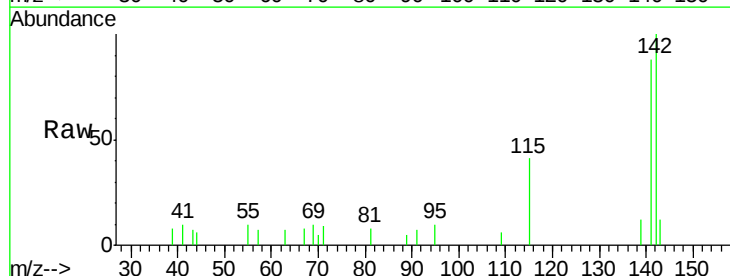
Acq: 29 Jul 2015 04:41

Tgt Ion:142 Resp: 9378

Ion Ratio Lower Upper

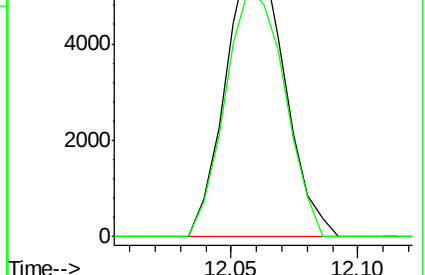
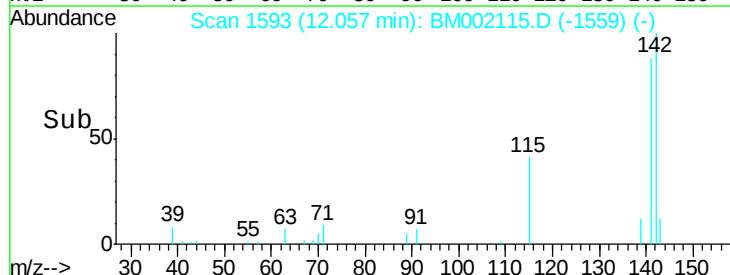
142 100

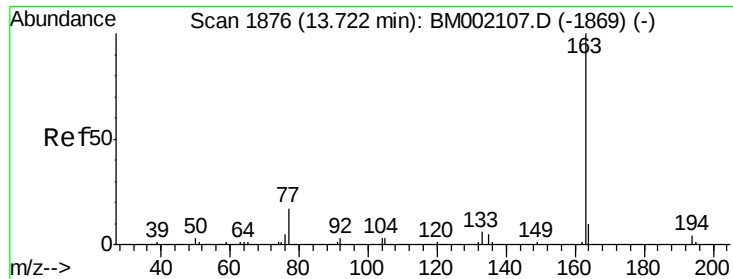
141 87.8 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#45

Dimethylphthalate

Concen: 3.70 ng/ul

RT: 13.72 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BM002115.D

Acq: 29 Jul 2015 04:41

Instrument :

BNA_M

ClientSampleId :

C02L1

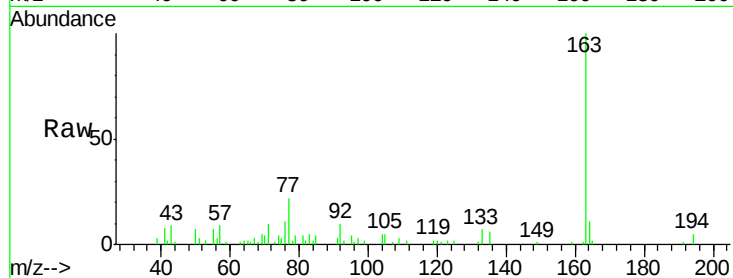
Tgt Ion:163 Resp: 38398

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

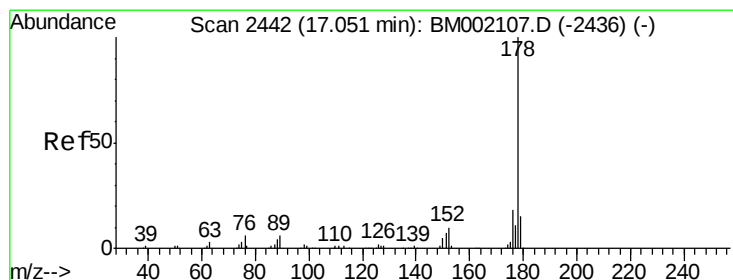
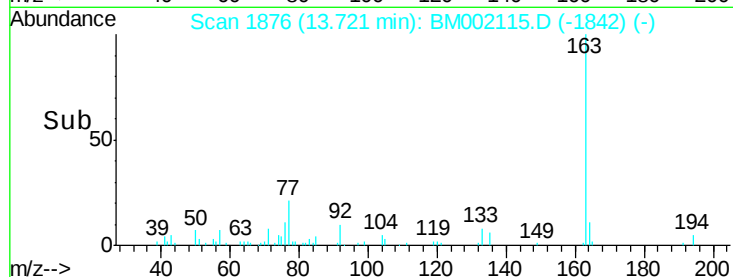
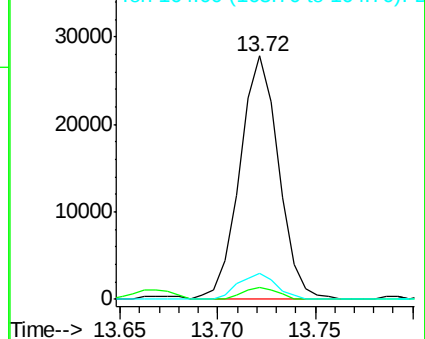
164 10.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 5.02 ng/ul

RT: 17.06 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BM002115.D

Acq: 29 Jul 2015 04:41

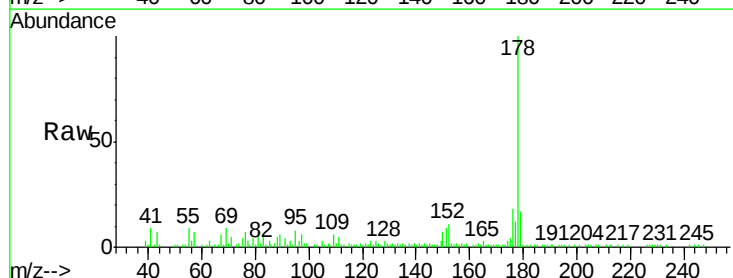
Tgt Ion:178 Resp: 80488

Ion Ratio Lower Upper

178 100

179 17.0 12.5 18.7

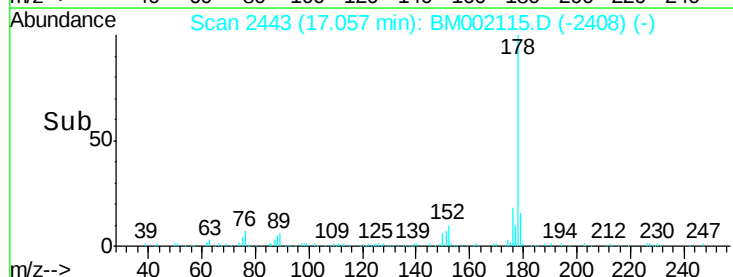
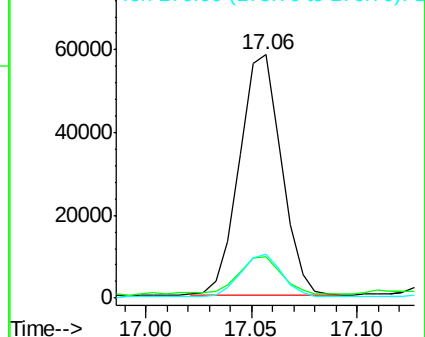
176 18.2 14.2 21.4

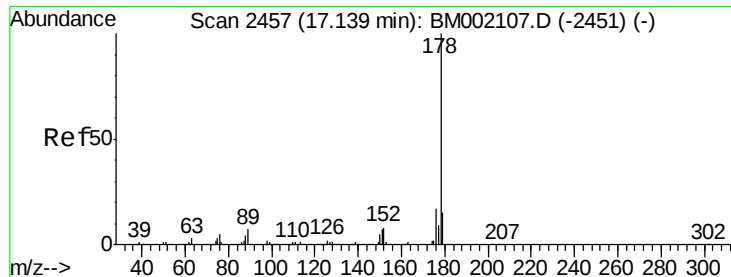


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 4.93 ng/ul

RT: 17.06 min Scan# 2443

Delta R.T. -0.08 min

Lab File: BM002115.D

Acq: 29 Jul 2015 04:41

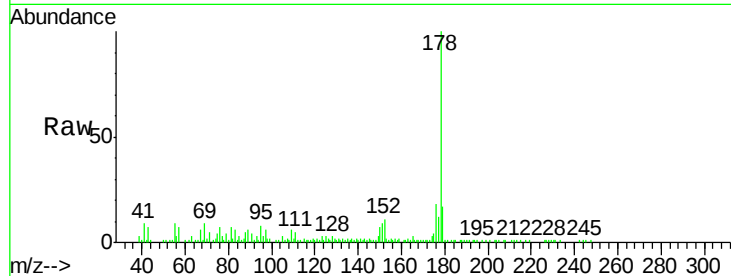
Instrument :

BNA_M

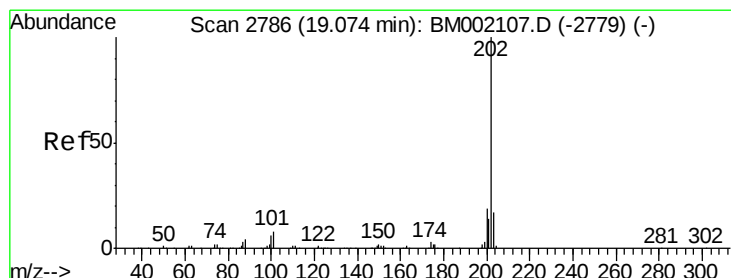
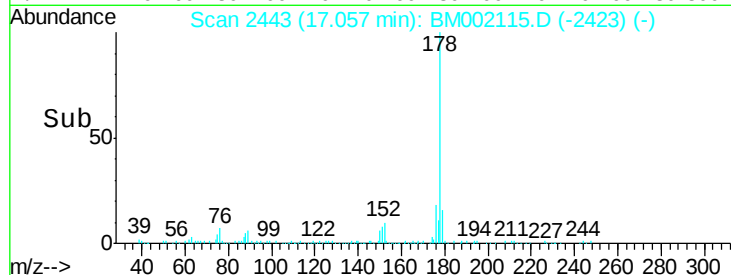
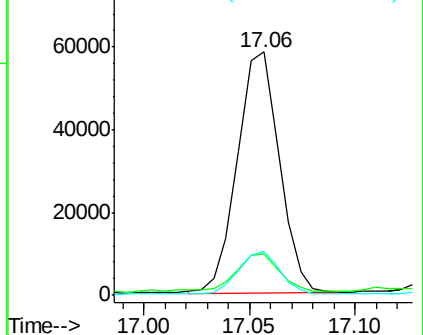
ClientSampleId :

C02L1

Tgt Ion:	178	Resp:	80790
Ion	Ratio	Lower	Upper
178	100		
179	17.0	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



#77

Fluoranthene

Concen: 8.76 ng/ul

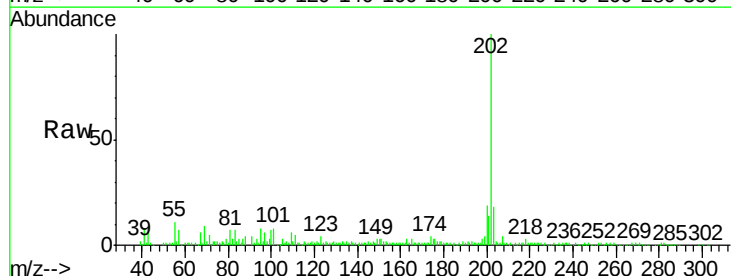
RT: 19.08 min Scan# 2787

Delta R.T. 0.01 min

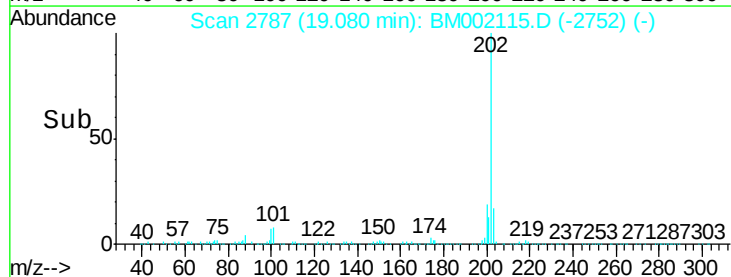
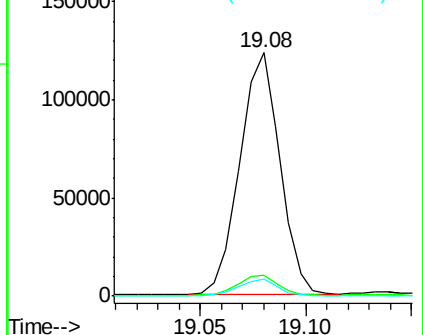
Lab File: BM002115.D

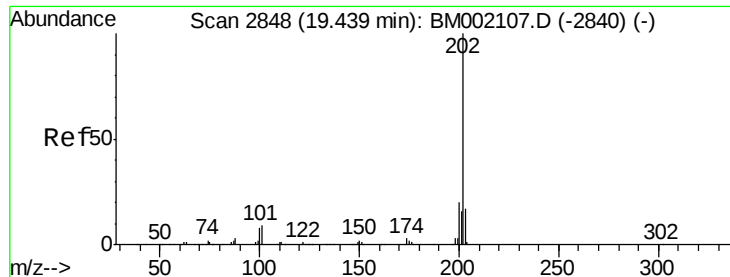
Acq: 29 Jul 2015 04:41

Tgt Ion:	202	Resp:	162150
Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.2	9.4
100	6.8	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

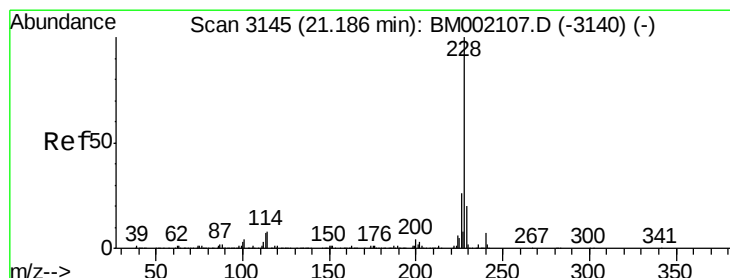
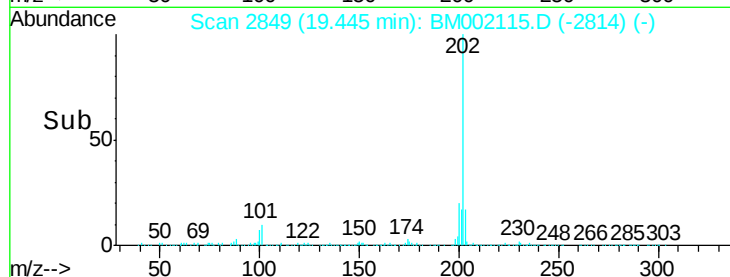
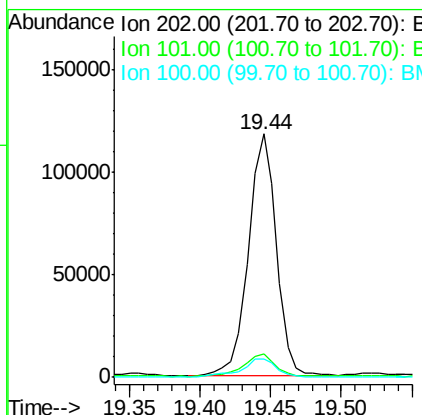
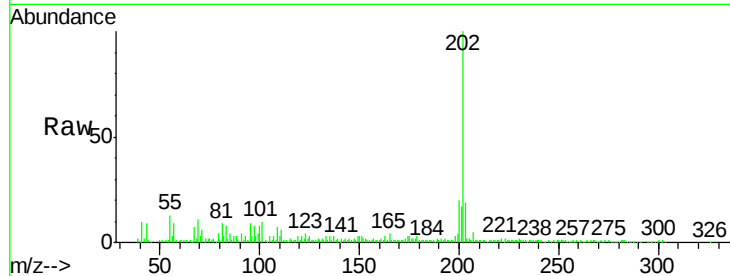




#80
Pyrene
Concen: 8.32 ng/ul
RT: 19.44 min Scan# 2849
Delta R.T. 0.01 min
Lab File: BM002115.D
Acq: 29 Jul 2015 04:41

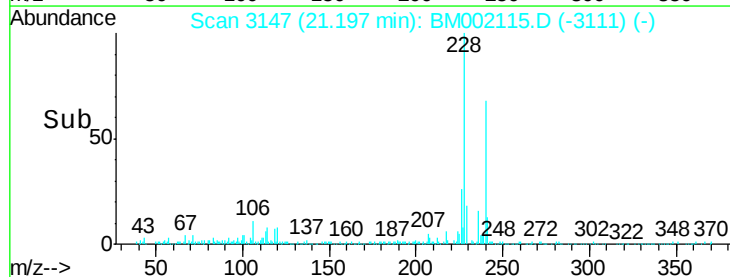
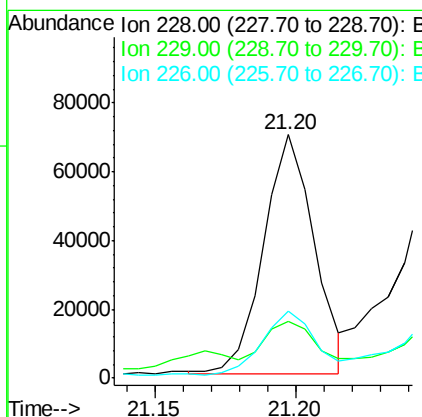
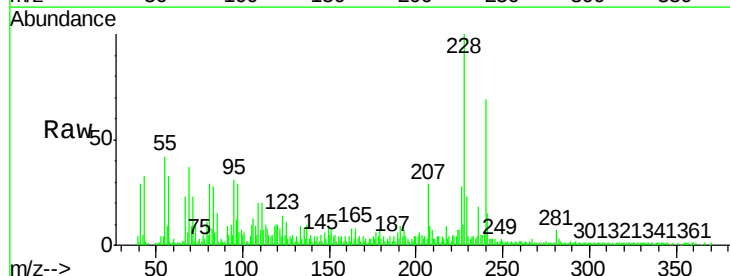
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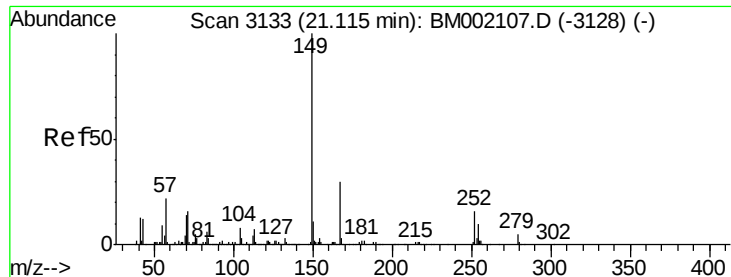
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.4	11.2
100	7.7	6.3	9.5



#83
Benzo(a)anthracene
Concen: 4.33 ng/ul
RT: 21.20 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BM002115.D
Acq: 29 Jul 2015 04:41

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.4	23.2
226	27.7	20.5	30.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.17 ng/ul

RT: 21.13 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BM002115.D

Acq: 29 Jul 2015 04:41

Instrument :

BNA_M

ClientSampleId :

C02L1

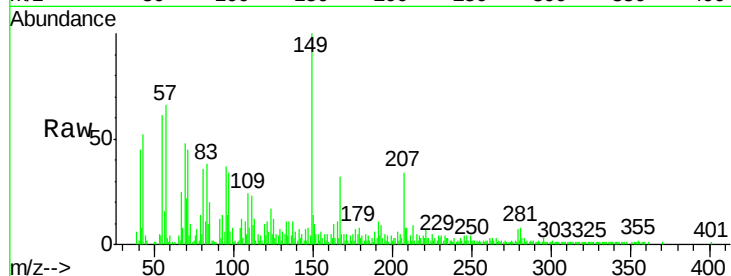
Tgt Ion:149 Resp: 59516

Ion Ratio Lower Upper

149 100

167 32.1 23.6 35.4

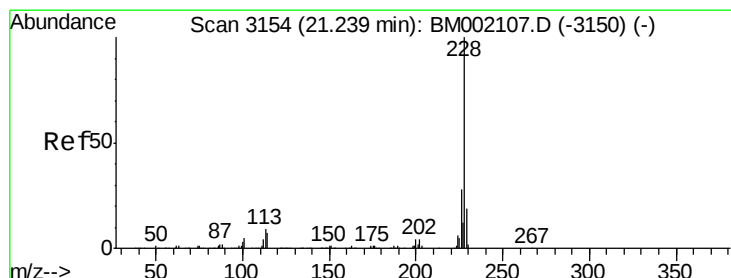
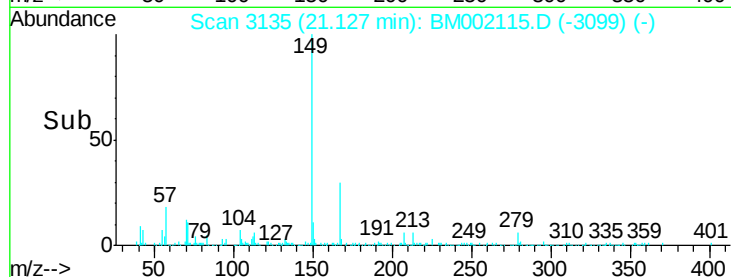
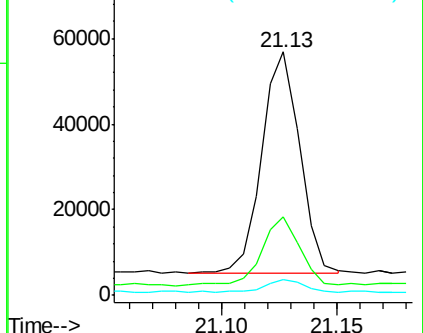
279 6.7 4.2 6.4#



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: 4.64 ng/ul

RT: 21.20 min Scan# 3147

Delta R.T. -0.04 min

Lab File: BM002115.D

Acq: 29 Jul 2015 04:41

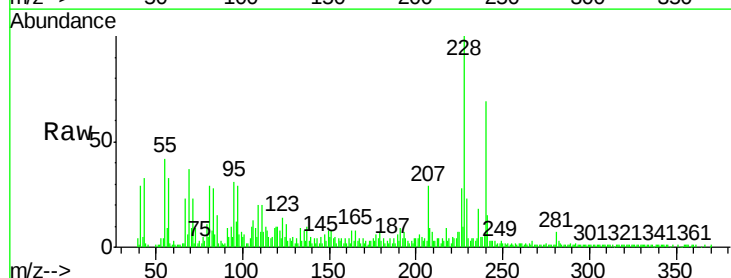
Tgt Ion:228 Resp: 87044

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

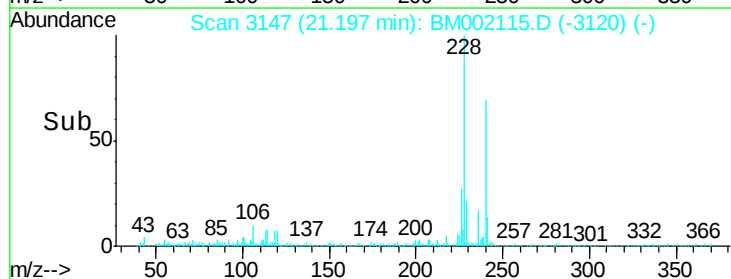
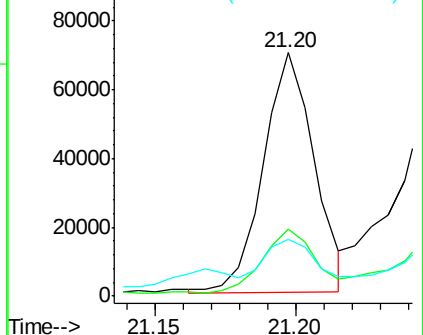
229 23.1 15.5 23.3

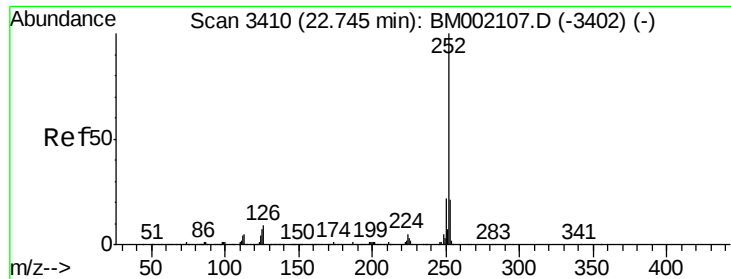


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 7.53 ng/ul

RT: 22.76 min Scan# 3412

Delta R.T. 0.01 min

Lab File: BM002115.D

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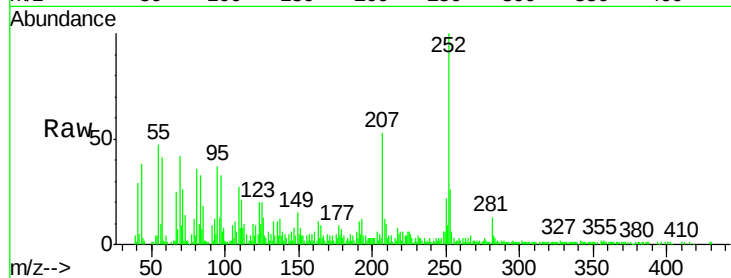
Tgt Ion:252 Resp: 156271

Ion Ratio Lower Upper

252 100

253 26.3 16.9 25.3#

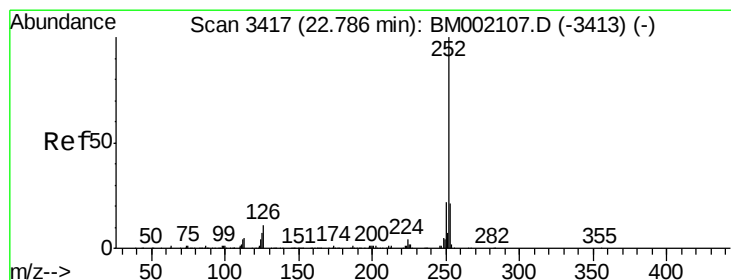
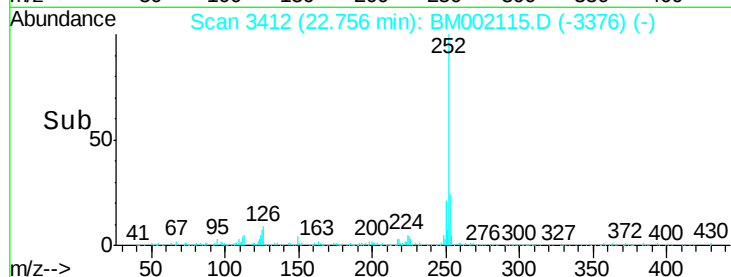
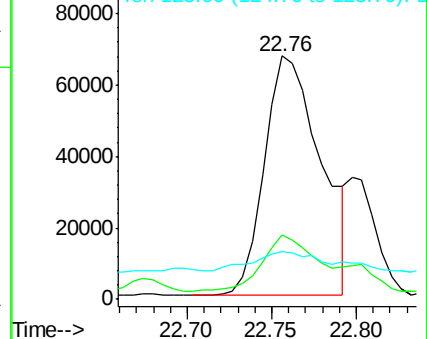
125 19.6 6.2 9.2#



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: 2.51 ng/ul

RT: 22.76 min Scan# 3412

Delta R.T. -0.03 min

Lab File: BM002115.D

Acq: 29 Jul 2015 04:41

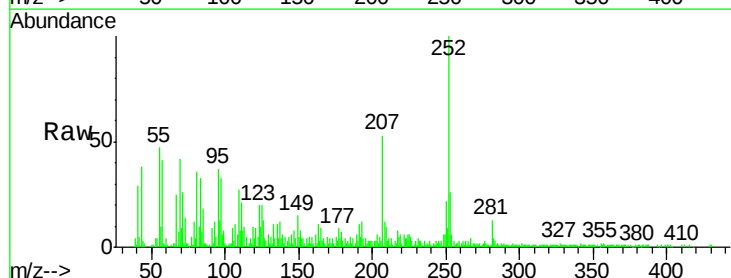
Tgt Ion:252 Resp: 50247

Ion Ratio Lower Upper

252 100

253 26.3 17.4 26.0#

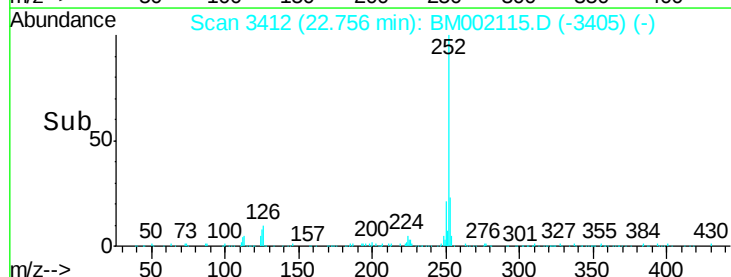
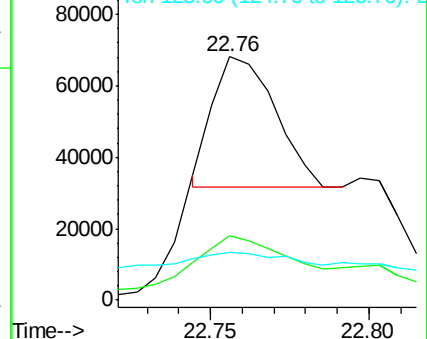
125 19.6 6.2 9.4#

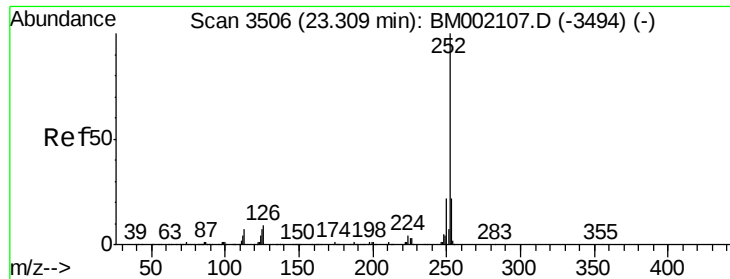


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 5.05 ng/ul

RT: 23.32 min Scan# 3508

Delta R.T. 0.01 min

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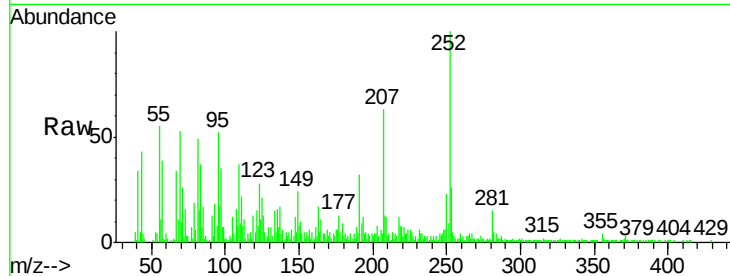
Tgt Ion:252 Resp: 101267

Ion Ratio Lower Upper

252 100

253 25.7 17.2 25.8

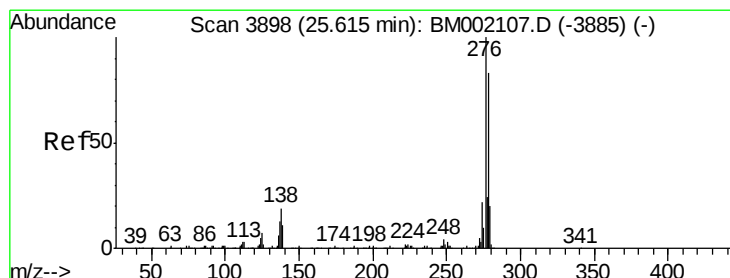
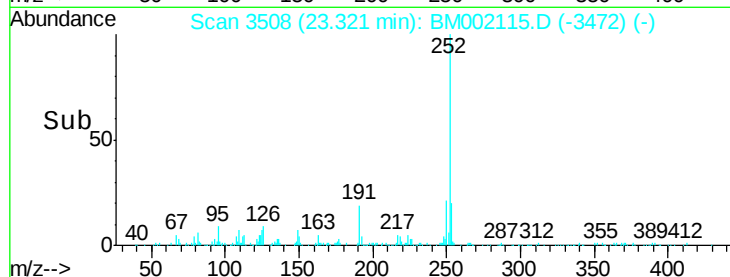
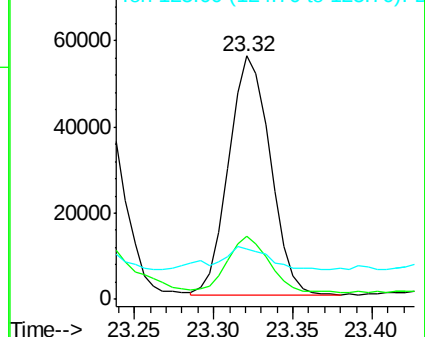
125 20.9 6.6 10.0#



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: 3.54 ng/ul

RT: 25.63 min Scan# 3901

Delta R.T. 0.02 min

Lab File: BM002115.D

Acq: 29 Jul 2015 04:41

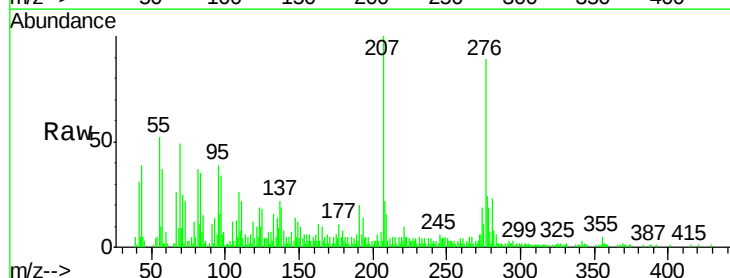
Tgt Ion:276 Resp: 81662

Ion Ratio Lower Upper

276 100

138 21.4 16.2 24.2

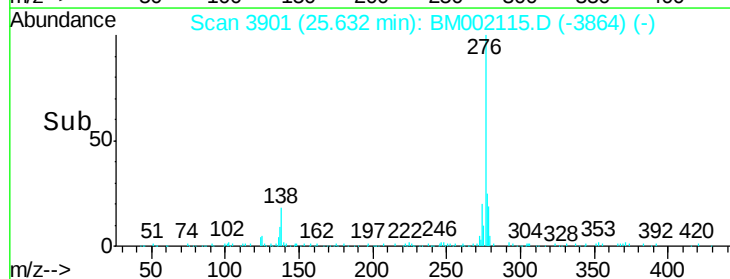
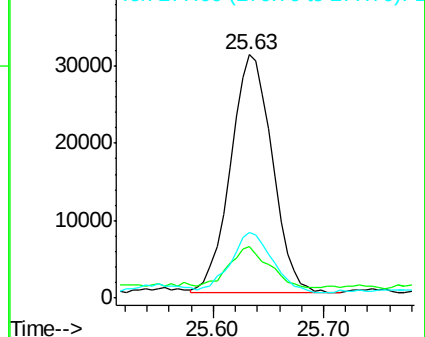
277 26.9 19.8 29.8

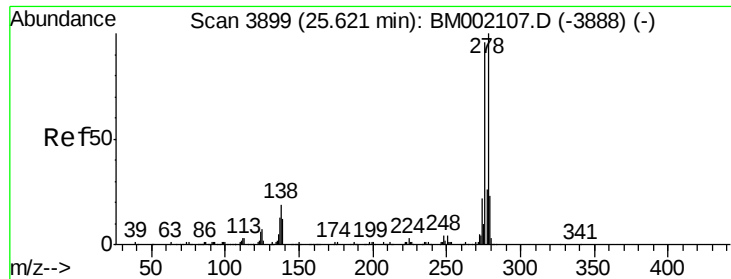


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.05 ng/ul

RT: 25.64 min Scan# 3902

Delta R.T. 0.02 min

Lab File: BM002115.D

Acq: 29 Jul 2015 04:41

Instrument :

BNA_M

ClientSampleId :

C02L1

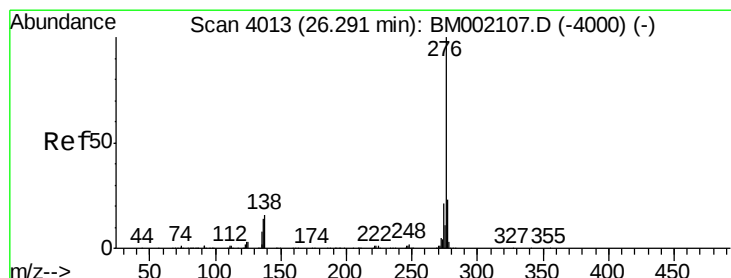
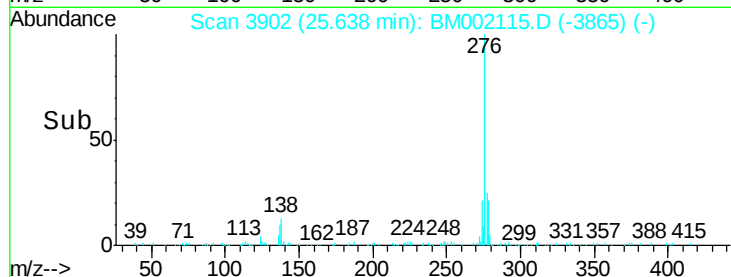
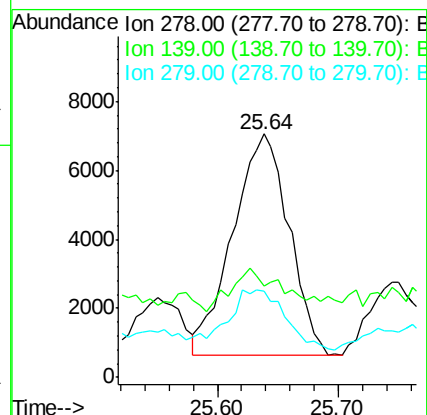
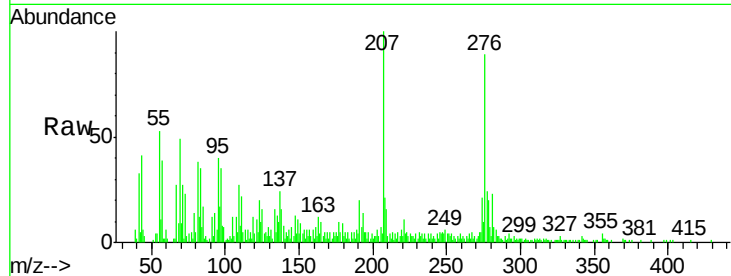
Tgt Ion:278 Resp: 20755

Ion Ratio Lower Upper

278 100

139 37.4 10.6 16.0#

279 35.1 18.5 27.7#



#94

Benzo(g,h,i)perylene

Concen: 4.23 ng/ul

RT: 26.32 min Scan# 4018

Delta R.T. 0.03 min

Lab File: BM002115.D

Acq: 29 Jul 2015 04:41

Tgt Ion:276 Resp: 81828

Ion Ratio Lower Upper

276 100

138 19.0 13.8 20.6

277 23.3 18.2 27.2

