

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002773.D
 Acq On : 30 Sep 2015 07:47
 Operator : UM/IZ
 Sample : G3838-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MX0

Quant Time: Sep 30 08:17:59 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 30 06:48:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	94720	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	404631	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.29	164	200345	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.00	188	397585	20.00	ng/ul	0.00
78) Chrysene-d12	22.09	240	412333	20.00	ng/ul	0.00
86) Perylene-d12	24.68	264	414797	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.77	96	8439	4.14	ng/uL	0.00
5) Phenol-d5	7.82	99	178434	24.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	118068	29.24	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	178305	26.69	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	133409	22.55	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	91567	29.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.62	143	96230	29.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	153282	26.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.69	131	156326	22.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	456754	30.30	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	609575	30.30	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	65019	24.29	ng/ul	0.00
58) Fluorene-d10	16.27	176	399593	29.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.39	200	31529	16.26	ng/ul	0.00
71) Anthracene-d10	18.10	188	571657	30.13	ng/ul	0.00
79) Pyrene-d10	20.33	212	582730	30.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.51	264	646102	30.45	ng/ul	0.00

Target Compounds

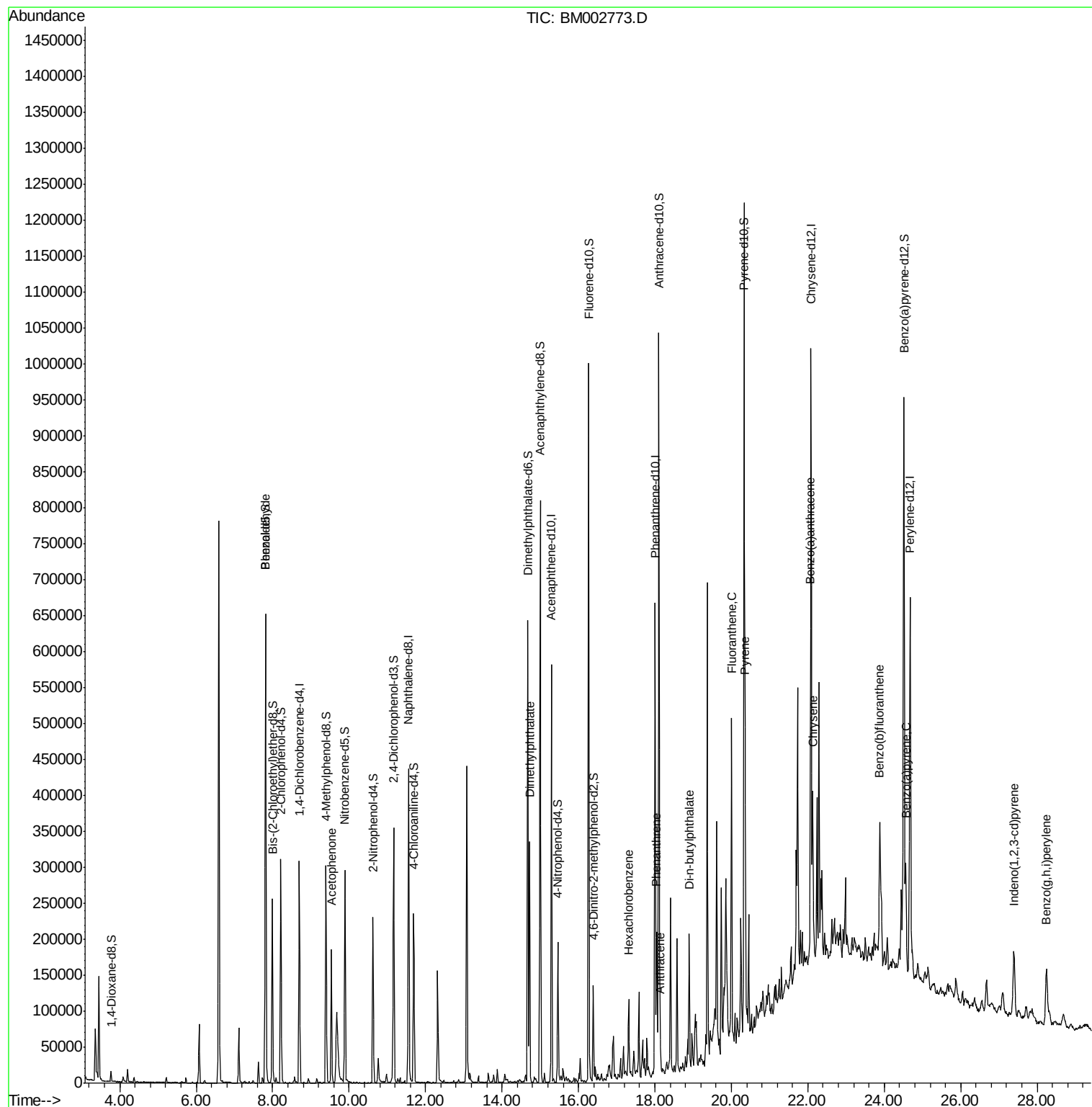
						Ovalue
4) Benzaldehyde	7.81	77	145875	36.23	ng/ul	99
14) Acetophenone	9.53	105	113864	12.79	ng/ul	98
45) Dimethylphthalate	14.72	163	240326	15.68	ng/ul	100
67) Hexachlorobenzene	17.32	284	21761	4.63	ng/ul	98
70) Phenanthrene	18.04	178	119175	5.18	ng/ul	100
72) Anthracene	18.14	178	29772	1.27	ng/ul	98
76) Di-n-butylphthalate	18.90	149	37832	1.45	ng/ul#	76
77) Fluoranthene	20.00	202	263577	11.10	ng/ul	99
80) Pyrene	20.36	202	232081	8.86	ng/ul	99
83) Benzo(a)anthracene	22.07	228	105362	4.30	ng/ul	100
85) Chrysene	22.13	228	130215	5.63	ng/ul	97
88) Benzo(b)fluoranthene	23.88	252	186156	7.47	ng/ul	97
91) Benzo(a)pyrene	24.56	252	112417	4.70	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	27.39	276	96683	3.46	ng/ul	95
94) Benzo(g,h,i)perylene	28.24	276	96786	4.12	ng/ul	98

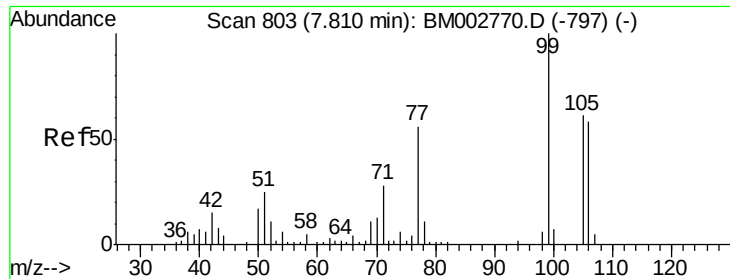
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 36.23 ng/ul

RT: 7.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BM002773.D

Acq: 30 Sep 2015 07:47

Instrument :

BNA_M

ClientSampleId :

E5MX0

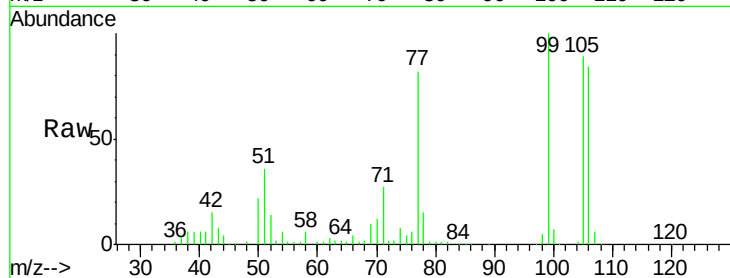
Tot Ion: 77 Resp: 145875

Ion Ratio Lower Upper

77 100

105 109.0 86.2 129.2

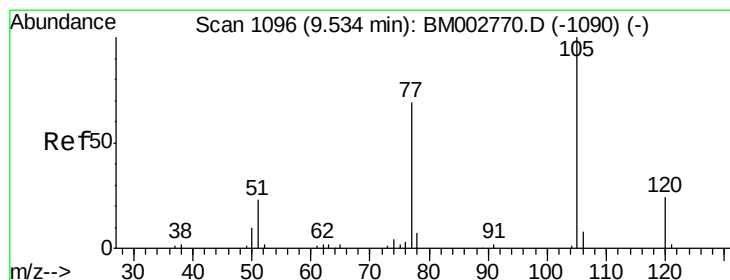
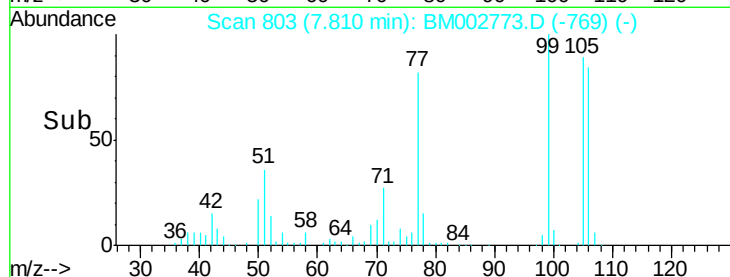
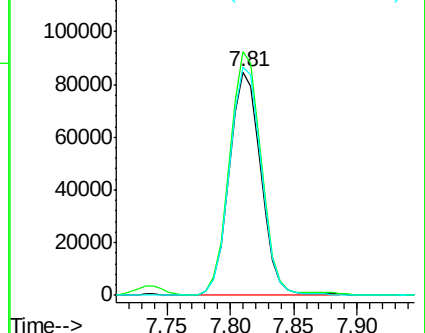
106 102.2 82.5 123.7



Abundance Ion 77.00 (76.70 to 77.70): BM002773.D (-769) (-)

Ion 105.00 (104.70 to 105.70): BM002773.D (-769) (-)

Ion 106.00 (105.70 to 106.70): BM002773.D (-769) (-)



#14

Acetophenone

Concen: 12.79 ng/ul

RT: 9.53 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BM002773.D

Acq: 30 Sep 2015 07:47

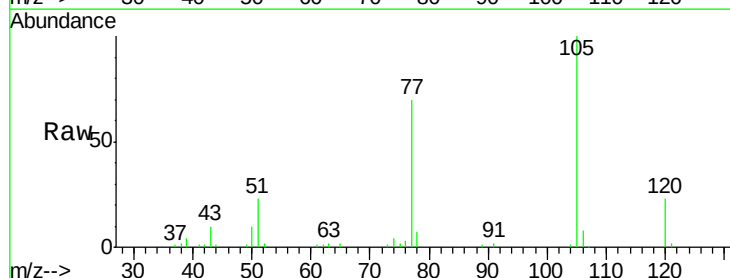
Tgt Ion: 105 Resp: 113864

Ion Ratio Lower Upper

105 100

77 69.9 54.5 81.7

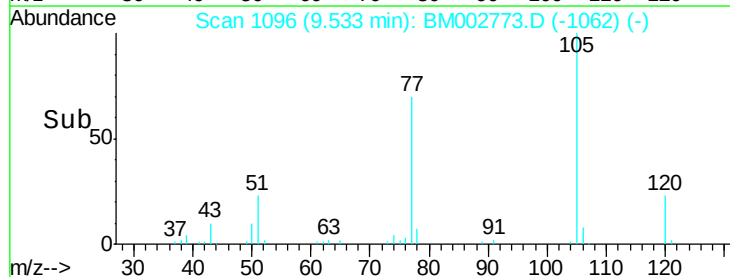
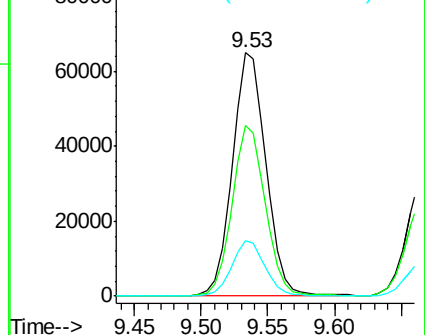
51 22.9 17.6 26.4

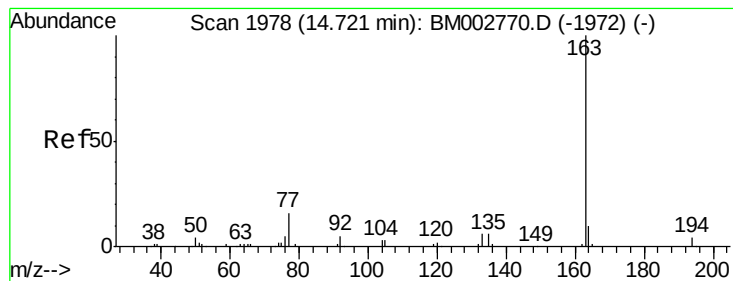


Abundance Ion 105.00 (104.70 to 105.70): BM002773.D (-1062) (-)

Ion 77.00 (76.70 to 77.70): BM002773.D (-1062) (-)

Ion 51.00 (50.70 to 51.70): BM002773.D (-1062) (-)





#45

Dimethylphthalate

Concen: 15.68 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM002773.D

Acq: 30 Sep 2015 07:47

Instrument :

BNA_M

ClientSampleId :

E5MX0

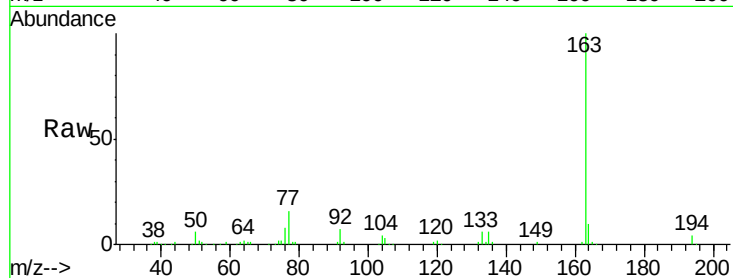
Tot Ion:163 Resp: 240326

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

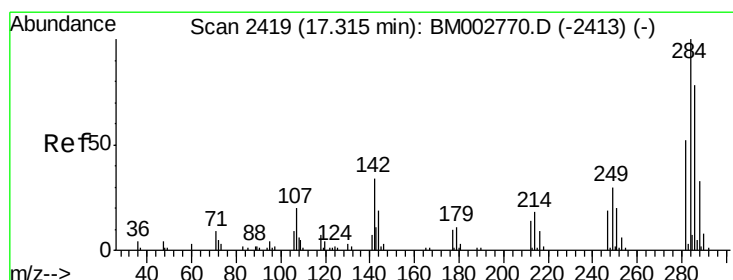
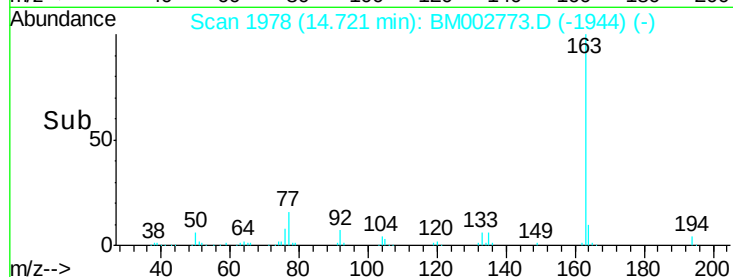
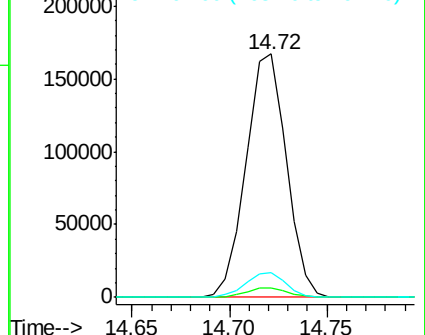
164 10.1 8.1 12.1



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



#67

Hexachlorobenzene

Concen: 4.63 ng/ul

RT: 17.32 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BM002773.D

Acq: 30 Sep 2015 07:47

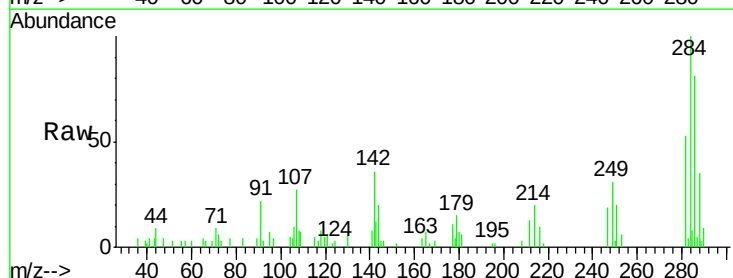
Tgt Ion:284 Resp: 21761

Ion Ratio Lower Upper

284 100

142 35.7 27.5 41.3

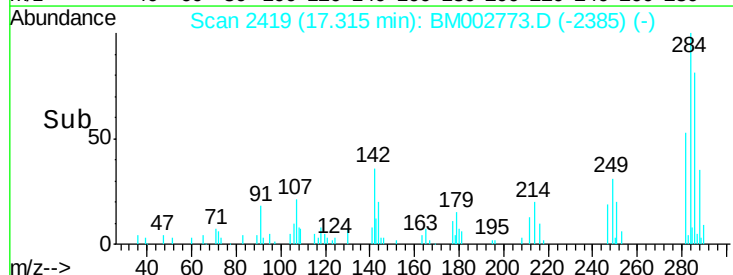
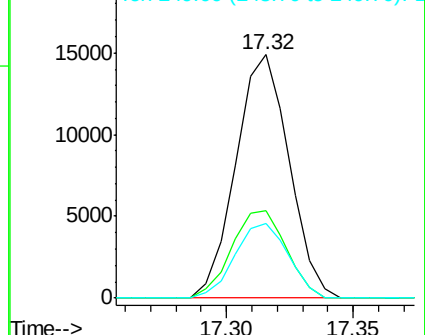
249 30.8 24.2 36.2

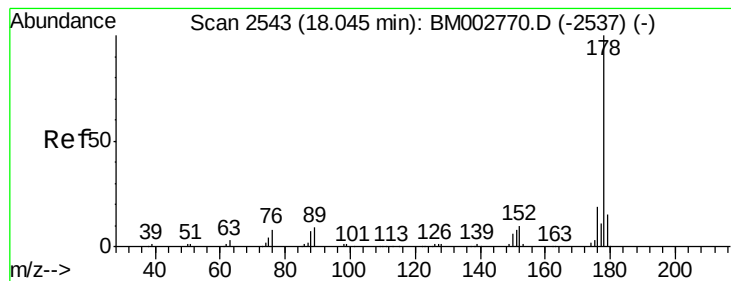


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#70

Phenanthrene

Concen: 5.18 ng/ul

RT: 18.04 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BM002773.D

Acq: 30 Sep 2015 07:47

Instrument :

BNA_M

ClientSampled :

E5MX0

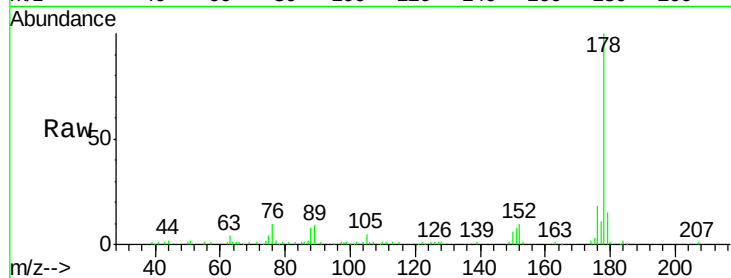
Tot Ion:178 Resp: 119175

Ion Ratio Lower Upper

178 100

179 15.2 12.0 18.0

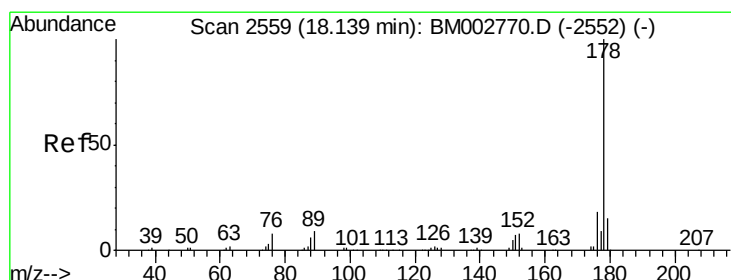
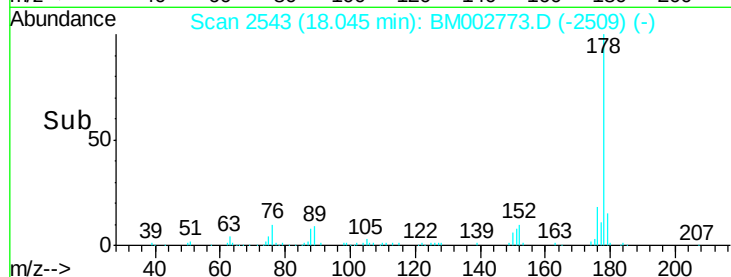
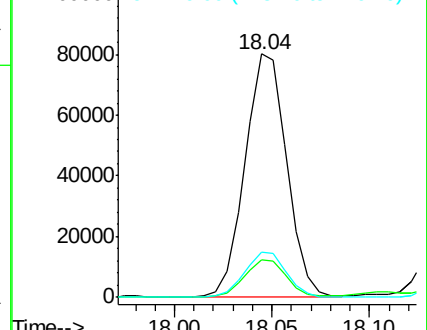
176 18.3 14.6 22.0



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: 1.27 ng/ul

RT: 18.14 min Scan# 2559

Delta R.T. -0.00 min

Lab File: BM002773.D

Acq: 30 Sep 2015 07:47

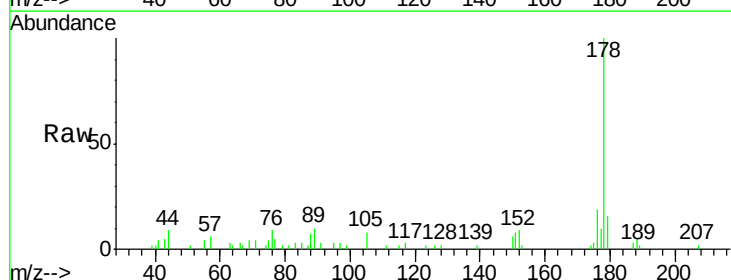
Tgt Ion:178 Resp: 29772

Ion Ratio Lower Upper

178 100

179 15.7 11.9 17.9

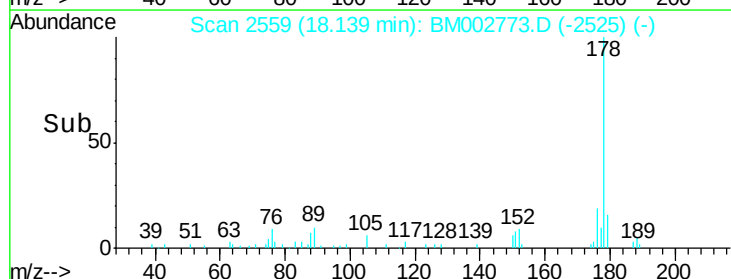
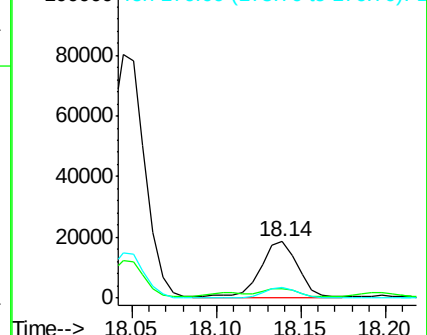
176 18.7 14.4 21.6

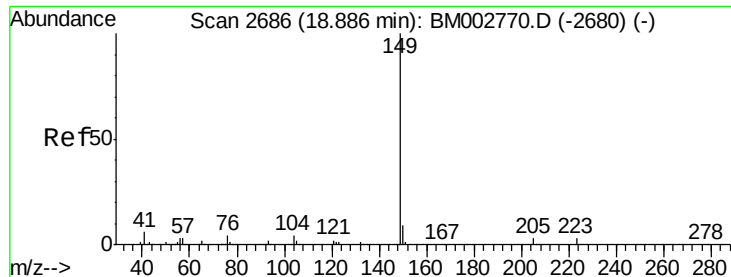


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

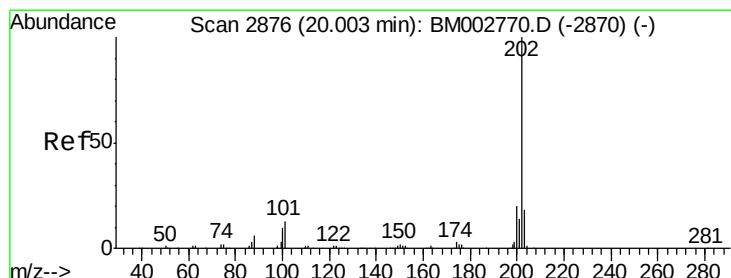
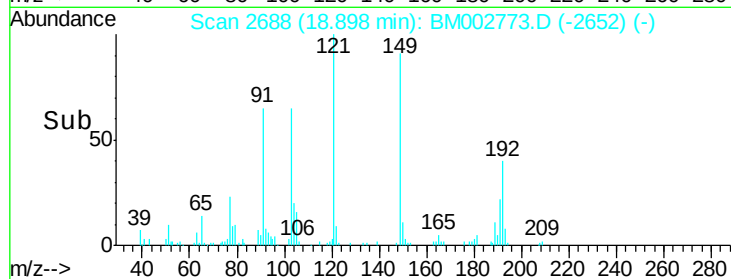
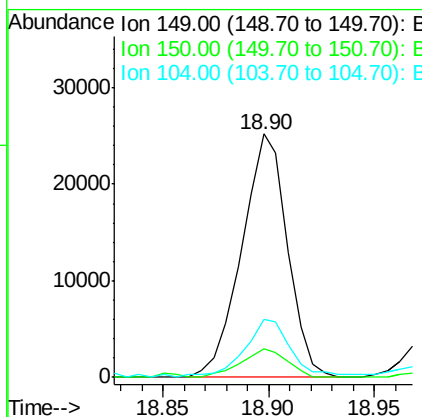
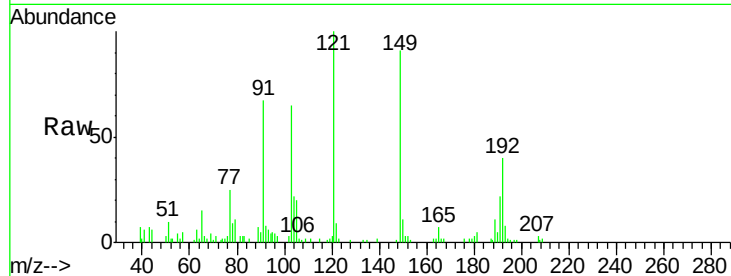




#76
Di-n-butylphthalate
Concen: 1.45 ng/ul
RT: 18.90 min Scan# 2688
Delta R.T. 0.01 min
Lab File: BM002773.D
Acq: 30 Sep 2015 07:47

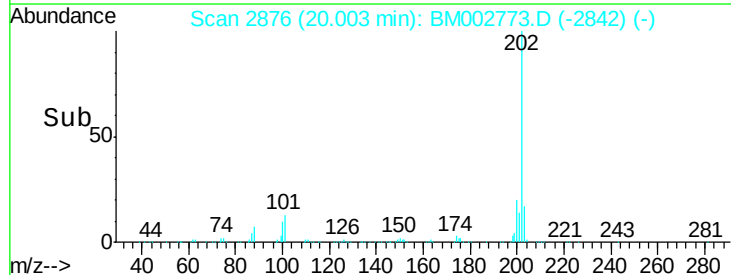
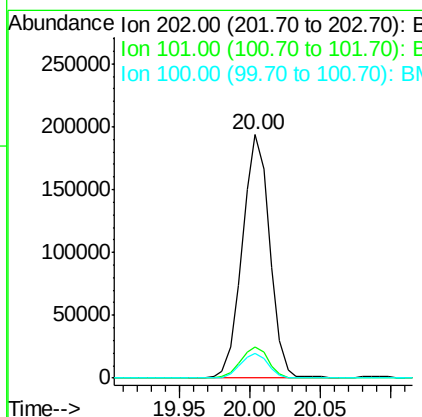
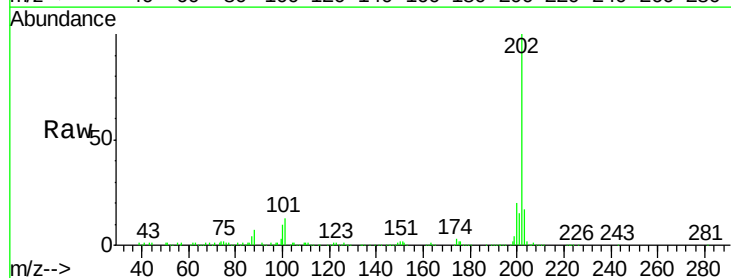
Instrument :
BNA_M
ClientSampleId :
E5MX0

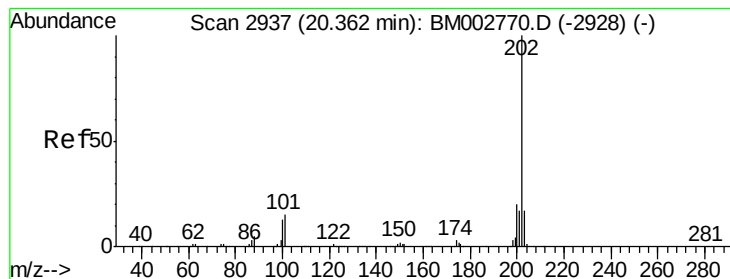
Tot Ion:149 Resp: 37832
Ion Ratio Lower Upper
149 100
150 11.6 7.1 10.7#
104 23.6 3.3 4.9#



#77
Fluoranthene
Concen: 11.10 ng/ul
RT: 20.00 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BM002773.D
Acq: 30 Sep 2015 07:47

Tgt Ion:202 Resp: 263577
Ion Ratio Lower Upper
202 100
101 12.8 11.0 16.4
100 10.3 8.3 12.5





#80

Pvrene

Concen: 8.86 ng/ul

RT: 20.36 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BM002773.D

Acq: 30 Sep 2015 07:47

Instrument :

BNA_M

ClientSampleId :

E5MX0

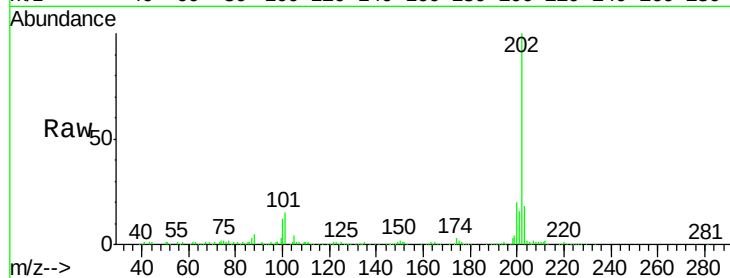
Tot Ion:202 Resp: 232081

Ion Ratio Lower Upper

202 100

101 15.3 12.1 18.1

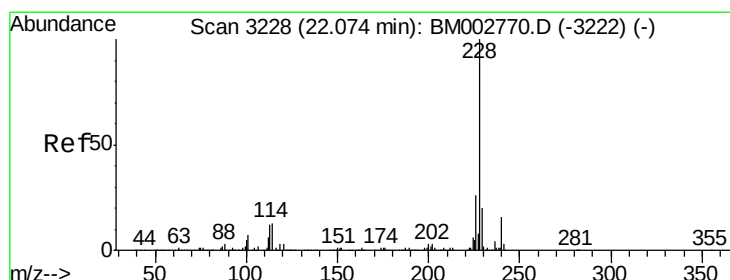
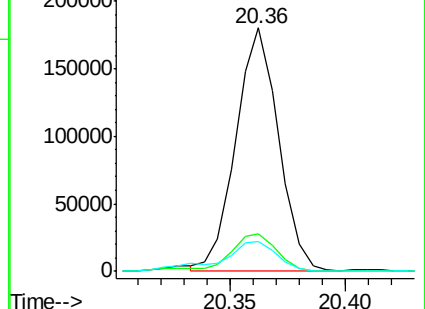
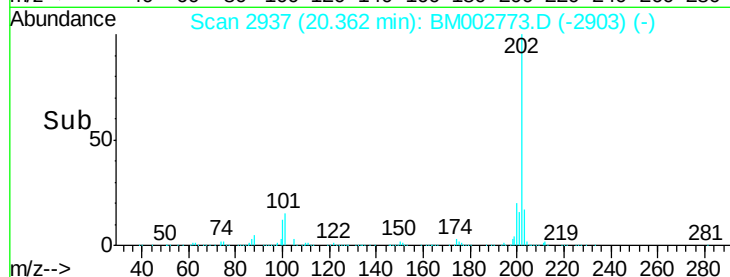
100 12.4 10.2 15.4



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: 4.30 ng/ul

RT: 22.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BM002773.D

Acq: 30 Sep 2015 07:47

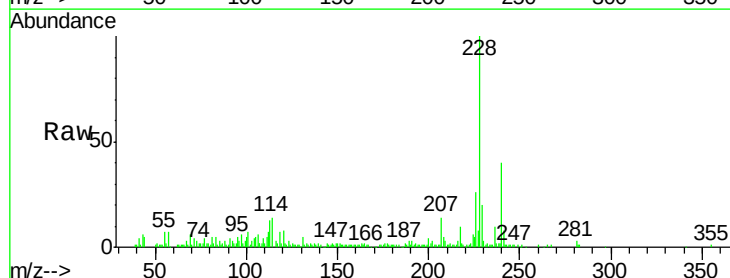
Tgt Ion:228 Resp: 105362

Ion Ratio Lower Upper

228 100

229 20.3 16.1 24.1

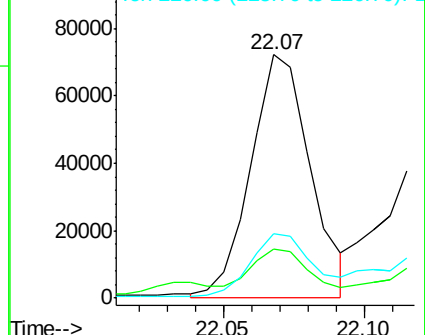
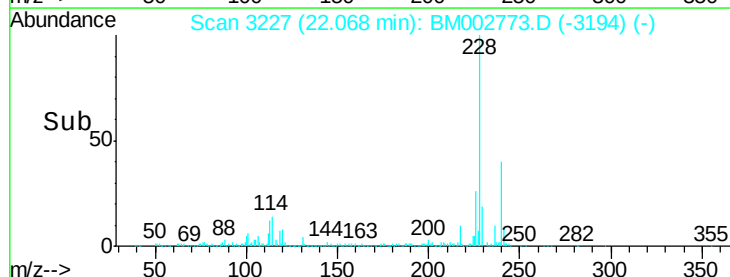
226 26.4 20.9 31.3

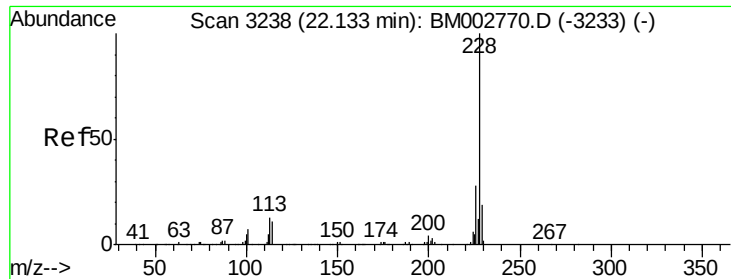


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 5.63 ng/ul

RT: 22.13 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM002773.D

Acq: 30 Sep 2015 07:47

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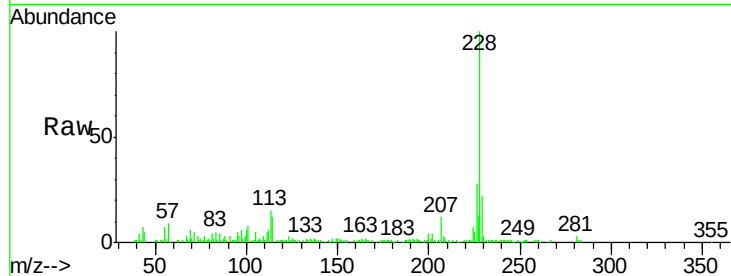
Tot Ion:228 Resp: 130215

Ion Ratio Lower Upper

228 100

226 28.5 22.4 33.6

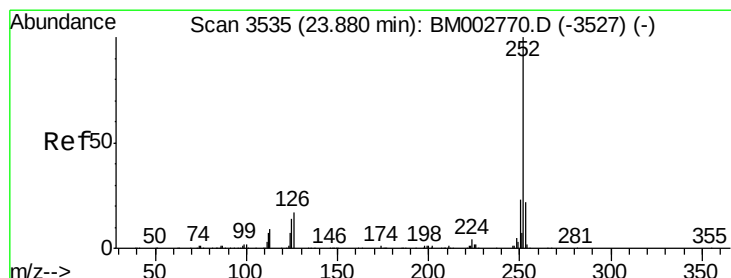
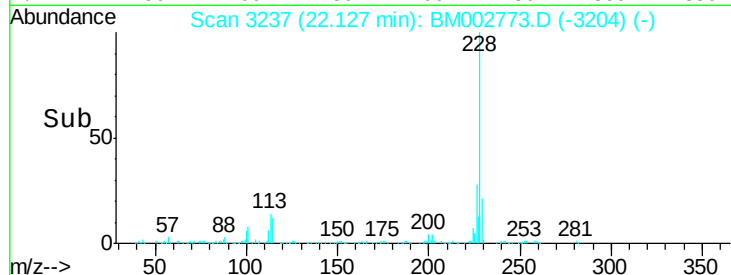
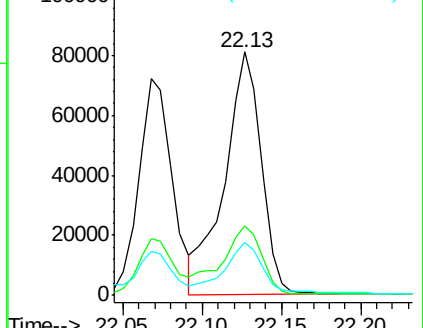
229 21.6 15.4 23.2



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: 7.47 ng/ul

RT: 23.88 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BM002773.D

Acq: 30 Sep 2015 07:47

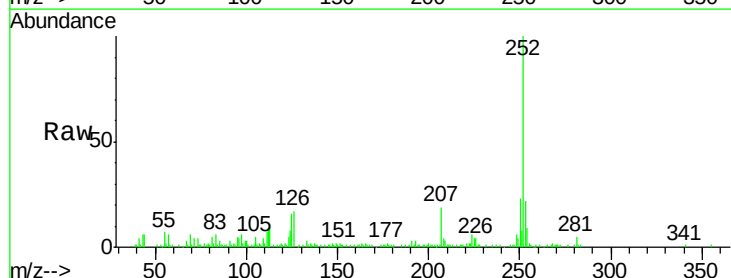
Tgt Ion:252 Resp: 186156

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

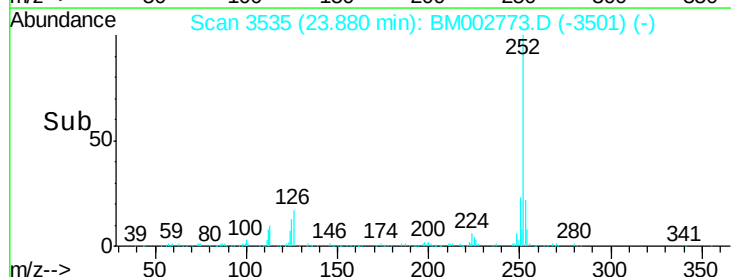
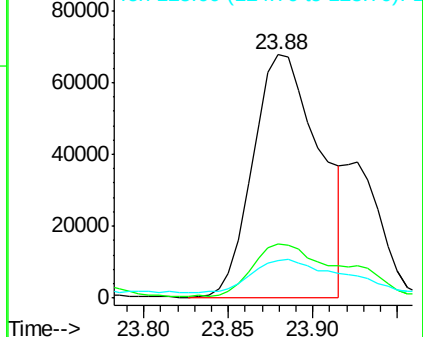
125 15.6 10.6 15.8

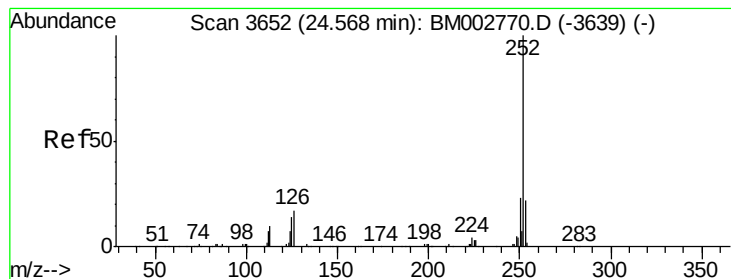


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 4.70 ng/ul

RT: 24.56 min Scan# 3651

Delta R.T. -0.01 min

Lab File: BM002773.D

Acq: 30 Sep 2015 07:47

Instrument :

BNA_M

ClientSampleId :

E5MX0

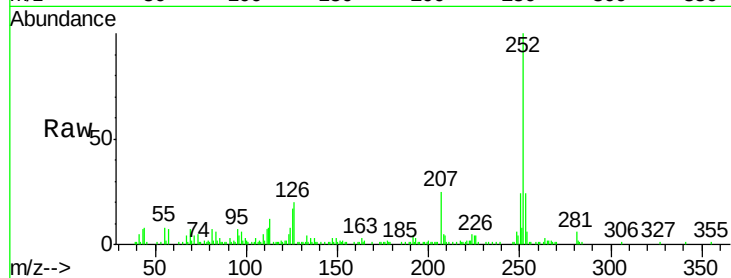
Tot Ion:252 Resp: 112417

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.0

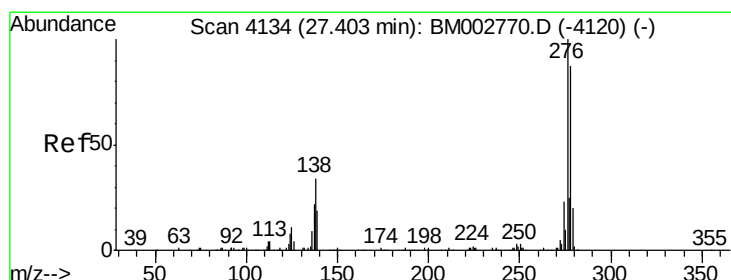
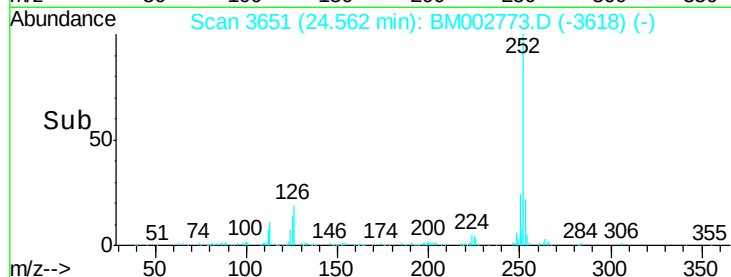
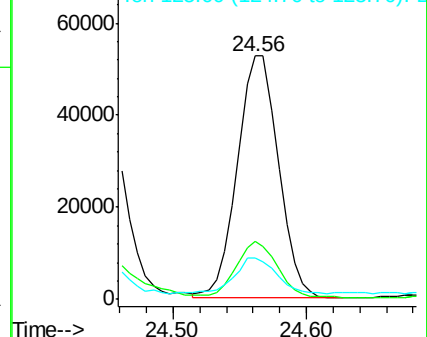
125 17.2 11.4 17.2#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.46 ng/ul

RT: 27.39 min Scan# 4132

Delta R.T. -0.01 min

Lab File: BM002773.D

Acq: 30 Sep 2015 07:47

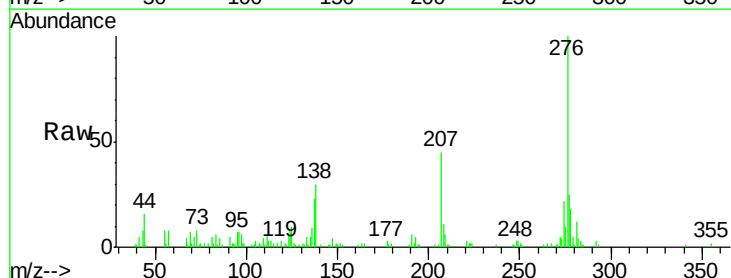
Tgt Ion:276 Resp: 96683

Ion Ratio Lower Upper

276 100

138 29.6 27.7 41.5

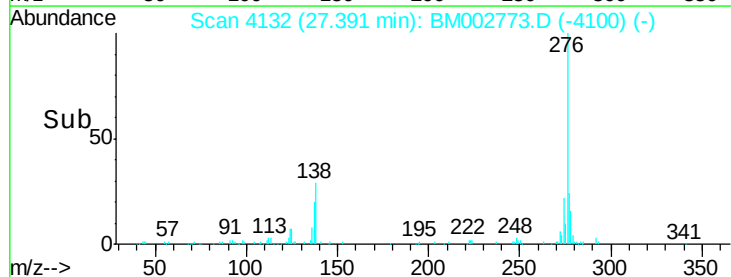
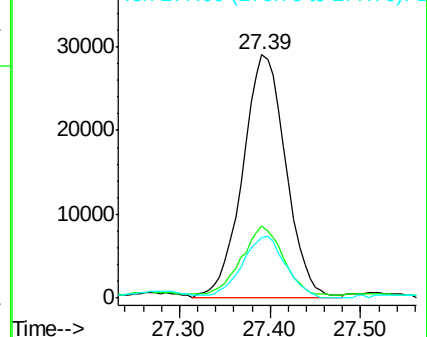
277 24.8 20.2 30.4

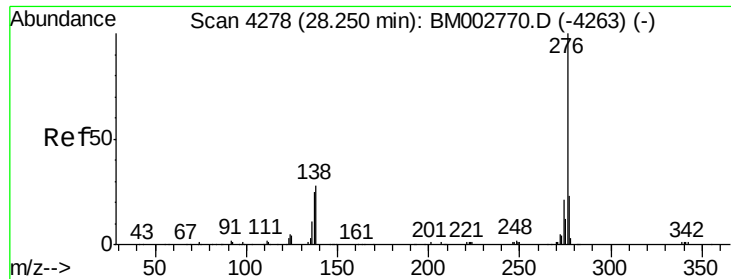


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 4.12 ng/ul

RT: 28.24 min Scan# 4277

Delta R.T. -0.01 min

Lab File: BM002773.D

Acq: 30 Sep 2015 07:47

Instrument :

BNA_M

ClientSampleId :

E5MX0

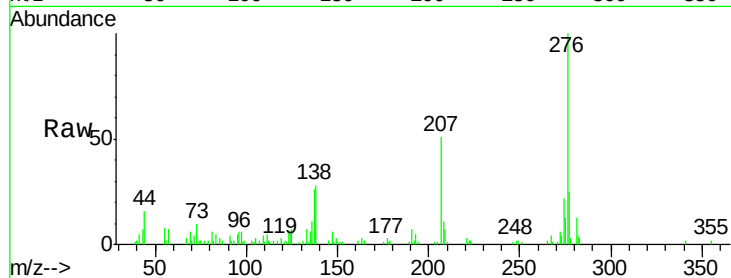
Tot Ion: 276 Resp: 96786

Ion Ratio Lower Upper

276 100

138 27.9 21.8 32.8

277 25.0 18.9 28.3



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

