

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
 Data File : BM003132.D
 Acq On : 15 Nov 2015 14:58
 Operator : UM/IZ
 Sample : G4401-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC792

Quant Time: Nov 16 02:42:32 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 02:34:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	119820	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	532813	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	301640	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	636842	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	620162	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	607808	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10814	4.25	ng/uL	0.00
5) Phenol-d5	6.90	99	228595	24.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	132812	23.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	197086	24.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	196906	25.78	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	96779	29.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	107293	32.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	189699	25.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	279473	29.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	650462	28.66	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	757414	26.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	109218	28.56	ng/ul	0.00
58) Fluorene-d10	15.39	176	549541	28.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	72380	24.54	ng/ul	0.00
71) Anthracene-d10	17.23	188	826696	29.28	ng/ul	0.00
79) Pyrene-d10	19.53	212	853463	27.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	896597	31.04	ng/ul	0.00

Target Compounds

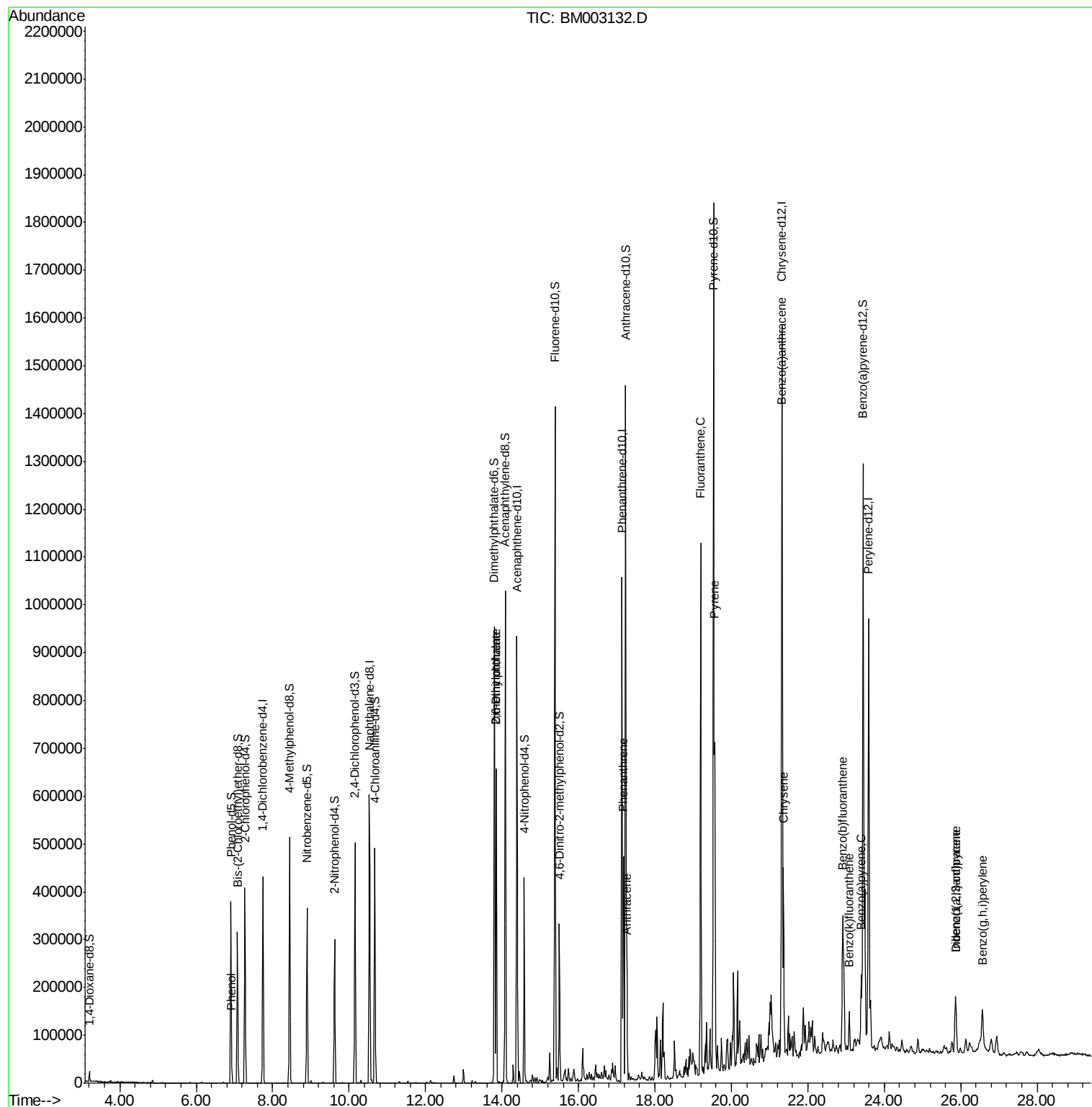
					Qvalue
6) Phenol	6.93	94	15744	1.61 ng/ul	94
45) Dimethylphthalate	13.85	163	423189	18.30 ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	4279	1.13 ng/ul#	62
70) Phenanthrene	17.18	178	290252	8.05 ng/ul	99
72) Anthracene	17.27	178	124415	3.53 ng/ul	99
77) Fluoranthene	19.20	202	639521	17.54 ng/ul	95
80) Pyrene	19.56	202	505112	12.45 ng/ul#	94
83) Benzo(a)anthracene	21.32	228	280057	8.22 ng/ul	93
85) Chrysene	21.37	228	217424	6.45 ng/ul	98
88) Benzo(b)fluoranthene	22.91	252	252424	7.21 ng/ul	97
89) Benzo(k)fluoranthene	23.09	252	55362	1.69 ng/ul	95
91) Benzo(a)pyrene	23.40	252	110033	3.32 ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.87	276	111797	3.07 ng/ul#	88
93) Dibenzo(a,h)anthracene	25.87	278	30511	1.06 ng/ul	97
94) Benzo(g,h,i)perylene	26.57	276	96951	2.96 ng/ul#	93

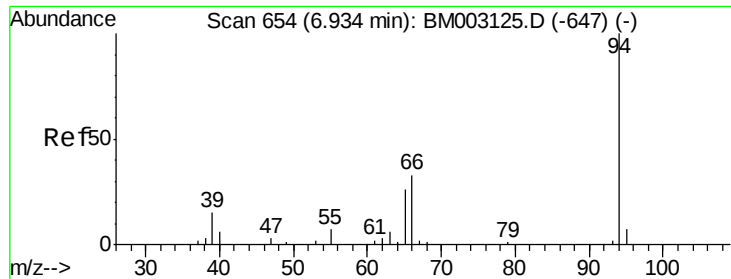
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.61 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM003132.D

Acq: 15 Nov 2015 14:58

Instrument :

BNA_M

ClientSampled :

BC792

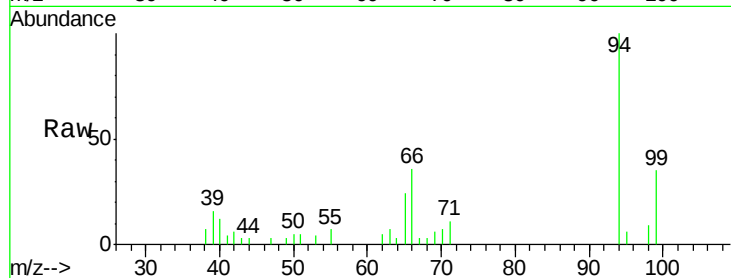
Tgt Ion: 94 Resp: 15744

Ion Ratio Lower Upper

94 100

65 24.2 18.7 28.1

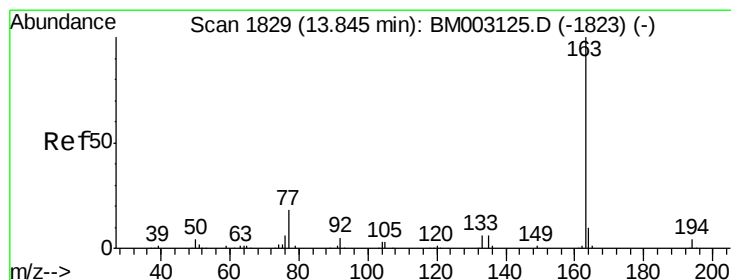
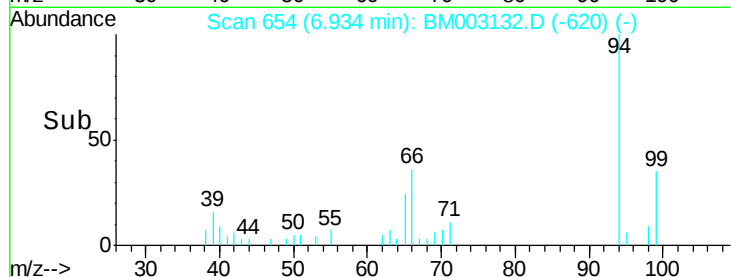
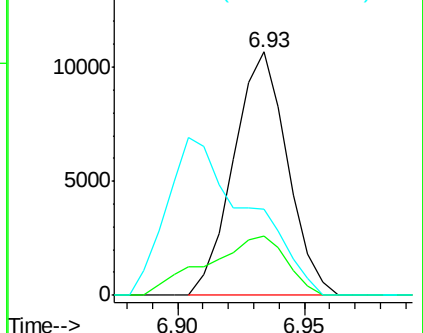
66 35.5 24.2 36.2



Abundance Ion 94.00 (93.70 to 94.70): BM003132.D (-620) (-)

Ion 65.00 (64.70 to 65.70): BM003132.D (-620) (-)

Ion 66.00 (65.70 to 66.70): BM003132.D (-620) (-)



#45

Dimethylphthalate

Concen: 18.30 ng/ul

RT: 13.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BM003132.D

Acq: 15 Nov 2015 14:58

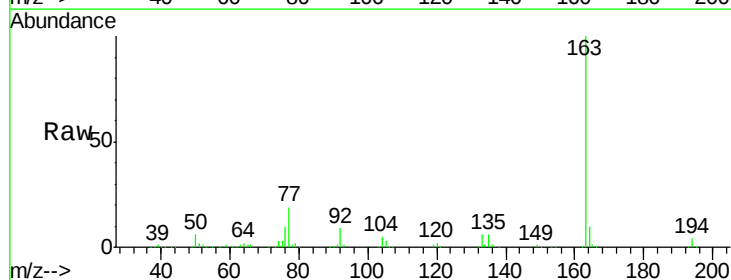
Tgt Ion:163 Resp: 423189

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

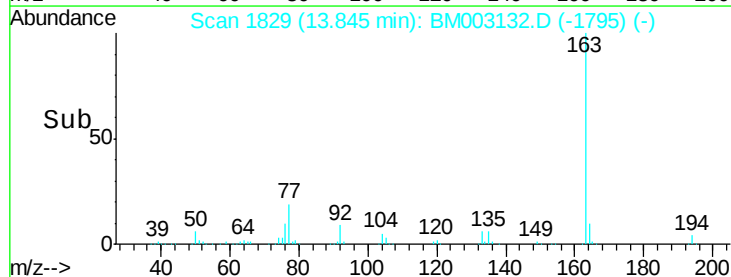
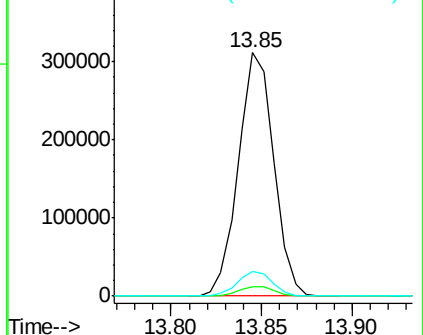
164 10.0 7.8 11.8

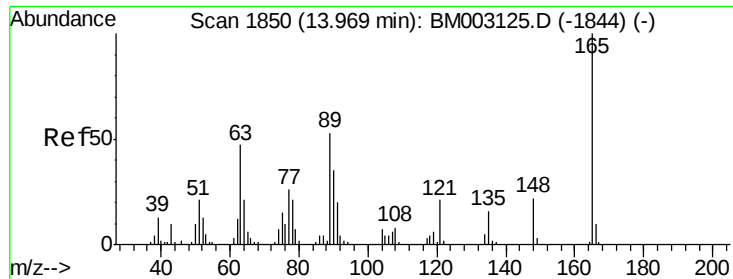


Abundance Ion 163.00 (162.70 to 163.70): BM003132.D (-1795) (-)

Ion 194.00 (193.70 to 194.70): BM003132.D (-1795) (-)

Ion 164.00 (163.70 to 164.70): BM003132.D (-1795) (-)

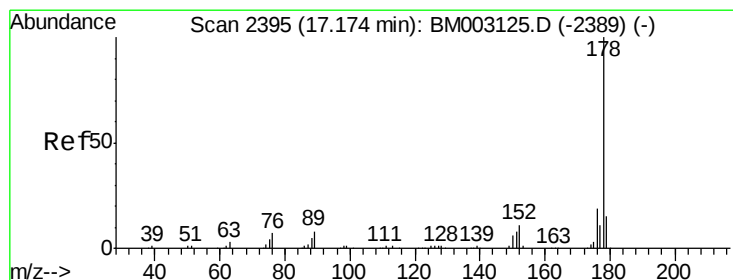
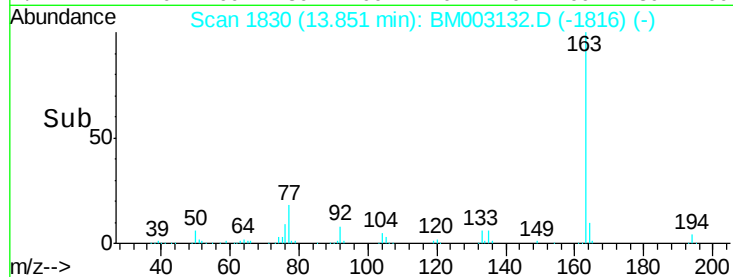
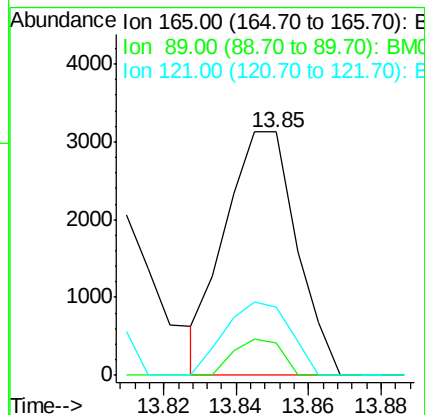
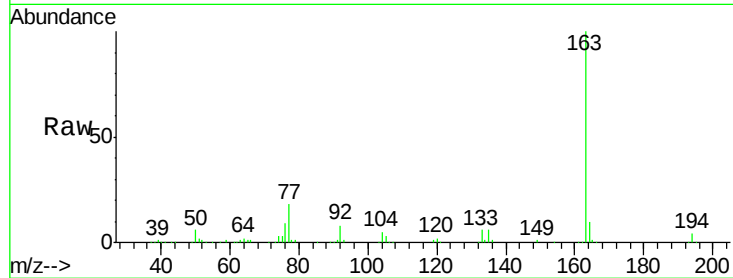




#46
 2,6-Dinitrotoluene
 Concen: 1.13 ng/ul
 RT: 13.85 min Scan# 1830
 Delta R.T. -0.12 min
 Lab File: BM003132.D
 Acq: 15 Nov 2015 14:58

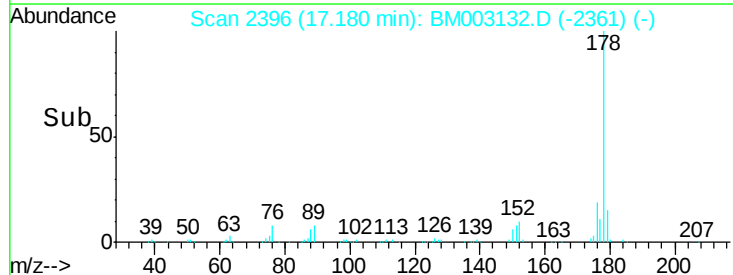
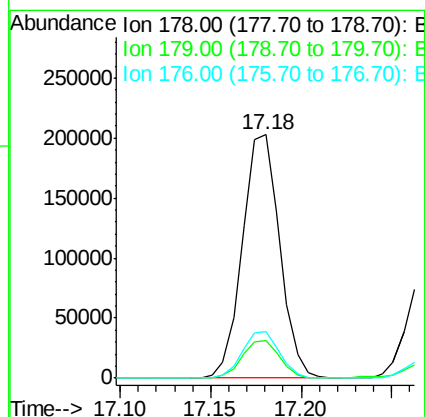
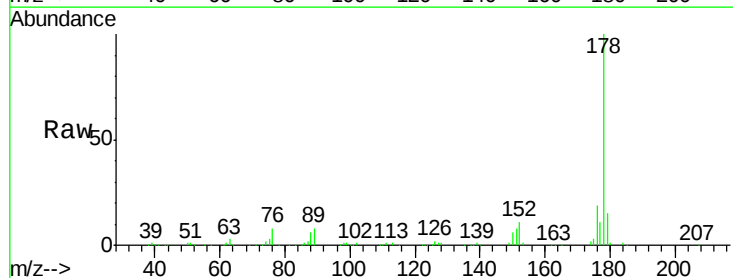
Instrument :
 BNA_M
 ClientSampleId :
 BC792

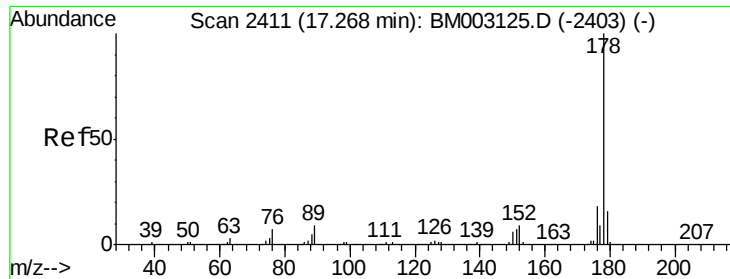
Tgt Ion:165 Resp: 4279
 Ion Ratio Lower Upper
 165 100
 89 13.5 34.6 51.8#
 121 28.0 15.4 23.0#



#70
 Phenanthrene
 Concen: 8.05 ng/ul
 RT: 17.18 min Scan# 2396
 Delta R.T. 0.01 min
 Lab File: BM003132.D
 Acq: 15 Nov 2015 14:58

Tgt Ion:178 Resp: 290252
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.2 18.4
 176 19.1 14.7 22.1





#72

Anthracene

Concen: 3.53 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM003132.D

Acq: 15 Nov 2015 14:58

Instrument :

BNA_M

ClientSampleId :

BC792

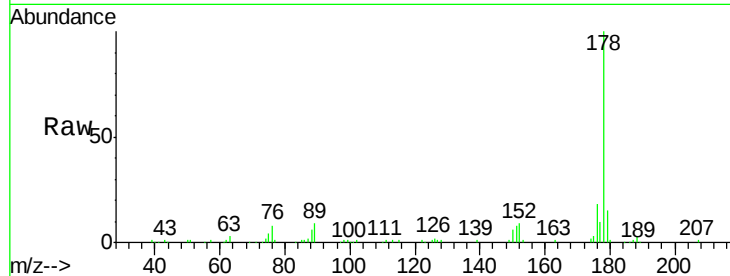
Tgt Ion:178 Resp: 124415

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

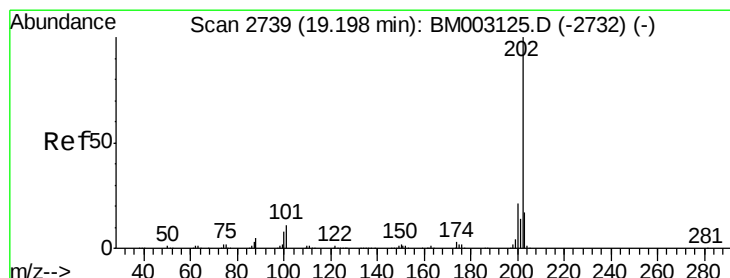
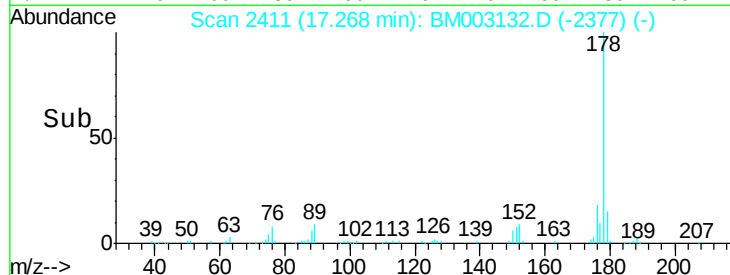
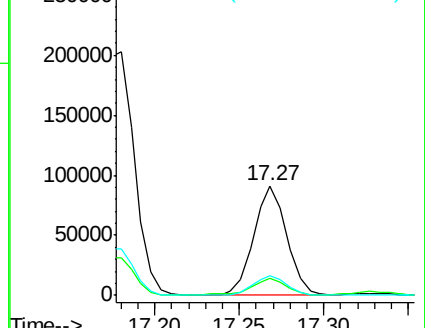
176 18.3 14.4 21.6



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



#77

Fluoranthene

Concen: 17.54 ng/ul

RT: 19.20 min Scan# 2739

Delta R.T. 0.00 min

Lab File: BM003132.D

Acq: 15 Nov 2015 14:58

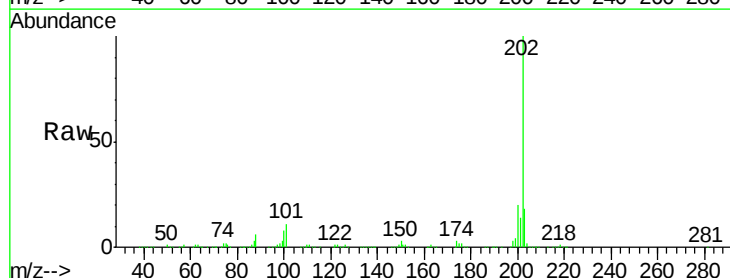
Tgt Ion:202 Resp: 639521

Ion Ratio Lower Upper

202 100

101 10.7 10.4 15.6

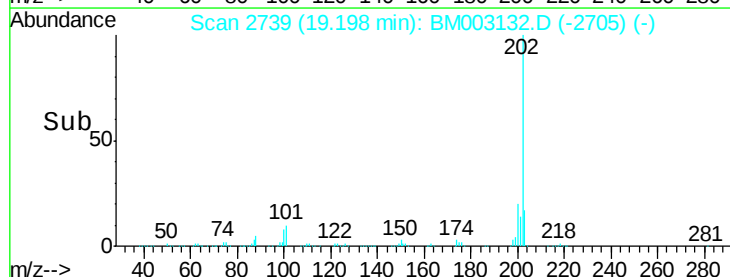
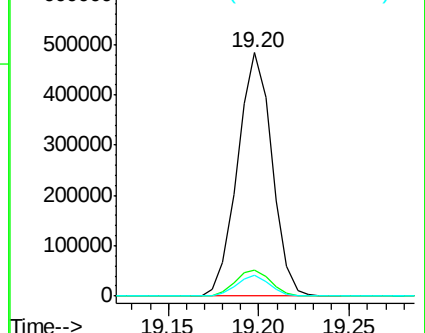
100 8.5 7.8 11.6

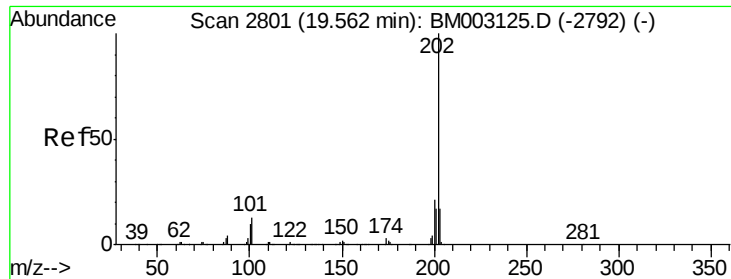


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

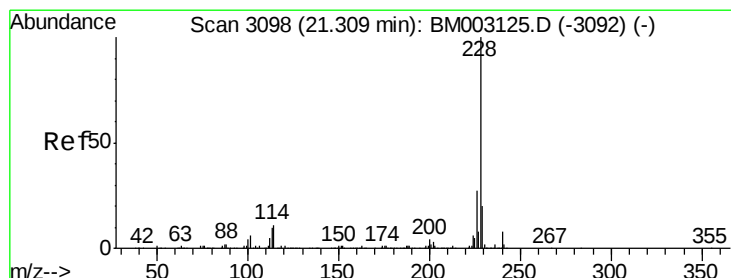
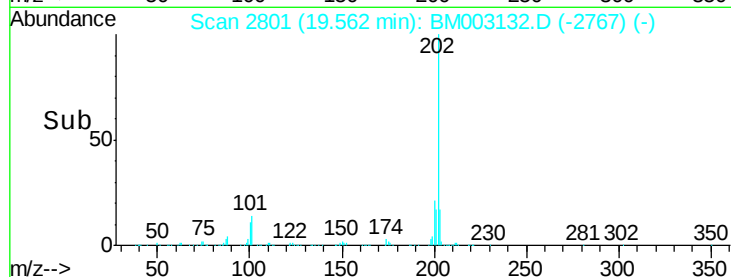
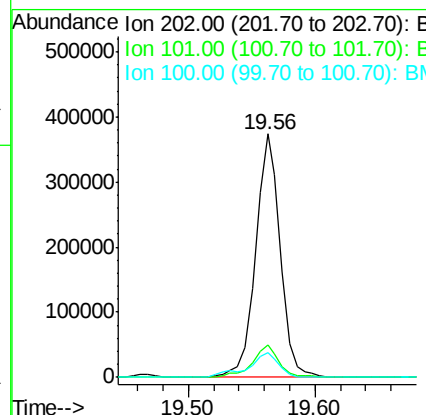
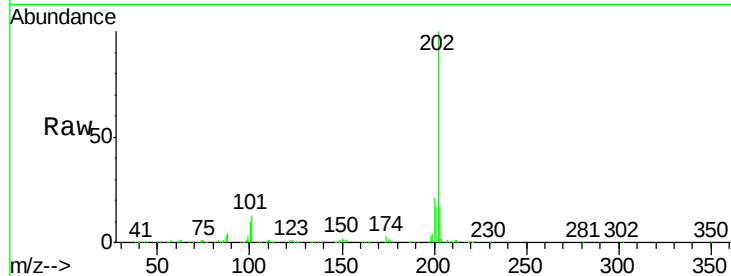




#80
 Pyrene
 Concen: 12.45 ng/ul
 RT: 19.56 min Scan# 2801
 Delta R.T. 0.00 min
 Lab File: BM003132.D
 Acq: 15 Nov 2015 14:58

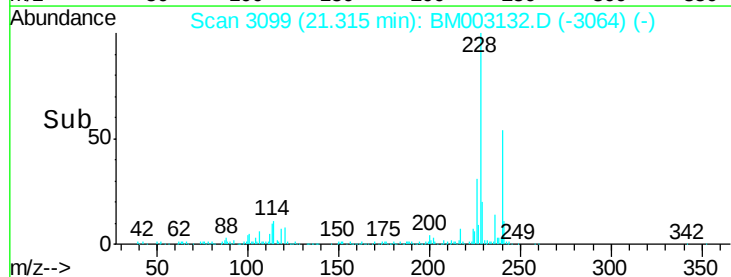
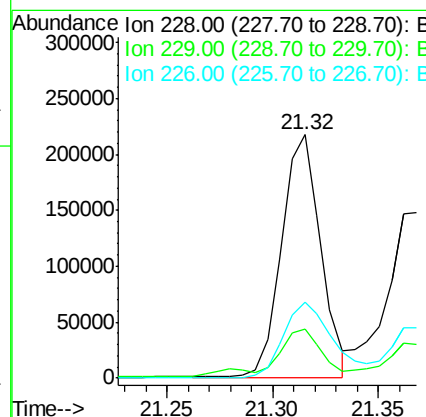
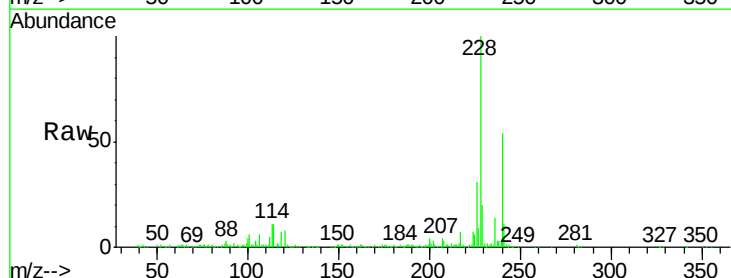
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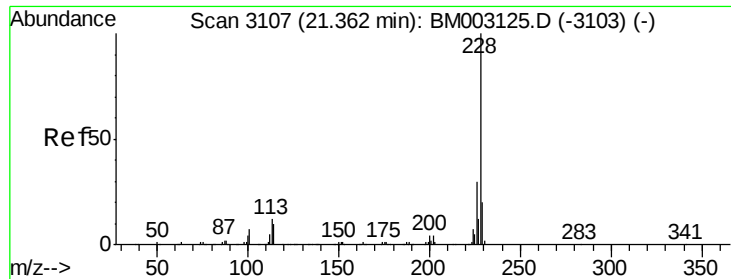
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	12.6	18.8
100	10.4	10.6	15.8



#83
 Benzo(a)anthracene
 Concen: 8.22 ng/ul
 RT: 21.32 min Scan# 3099
 Delta R.T. 0.01 min
 Lab File: BM003132.D
 Acq: 15 Nov 2015 14:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	31.4	21.0	31.6





#85

Chrysene

Concen: 6.45 ng/ul

RT: 21.37 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM003132.D

Acq: 15 Nov 2015 14:58

Instrument :

BNA_M

ClientSampled :

BC792

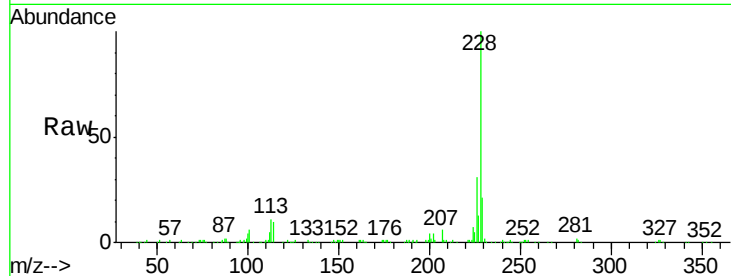
Tgt Ion:228 Resp: 217424

Ion Ratio Lower Upper

228 100

226 30.5 23.3 34.9

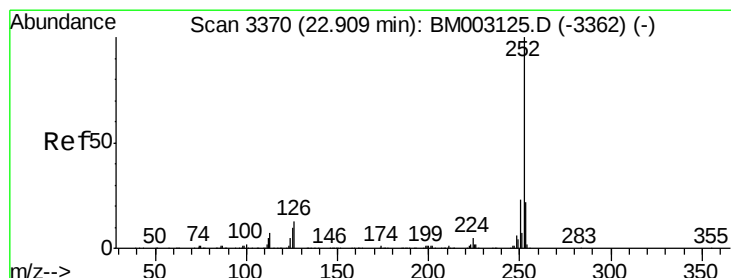
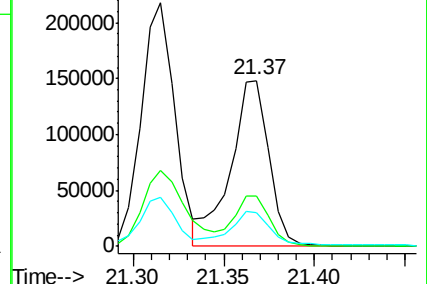
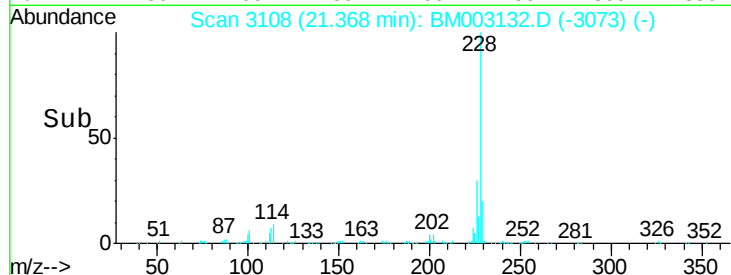
229 20.6 15.8 23.6



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: 7.21 ng/ul

RT: 22.91 min Scan# 3370

Delta R.T. 0.00 min

Lab File: BM003132.D

Acq: 15 Nov 2015 14:58

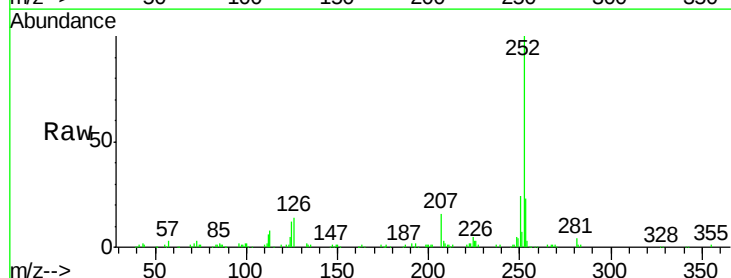
Tgt Ion:252 Resp: 252424

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

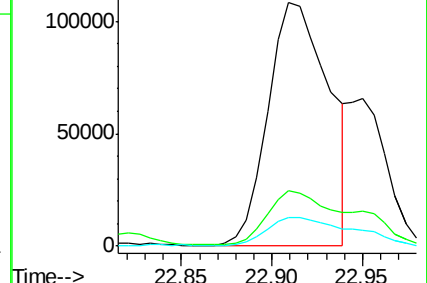
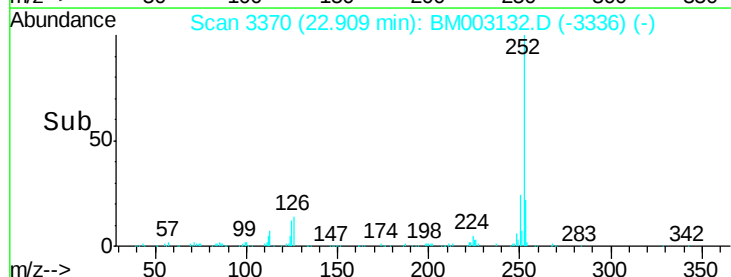
125 11.7 10.7 16.1

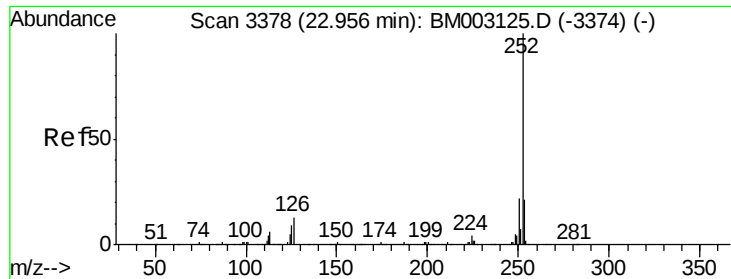


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

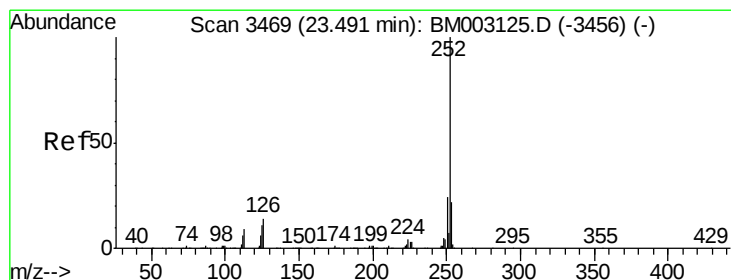
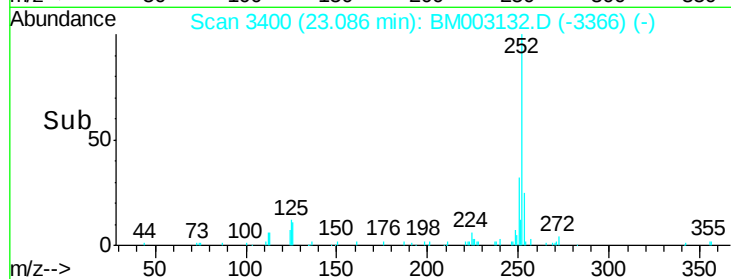
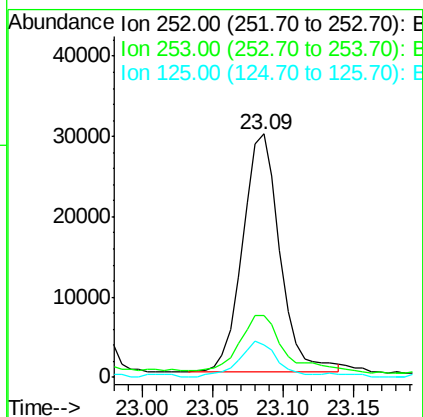
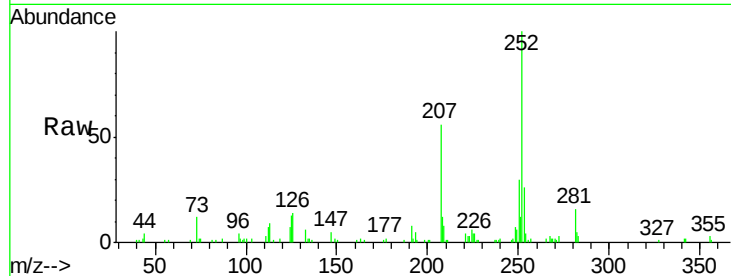




#89
Benzo(k)fluoranthene
Concen: 1.69 ng/ul
RT: 23.09 min Scan# 3400
Delta R.T. 0.13 min
Lab File: BM003132.D
Acq: 15 Nov 2015 14:58

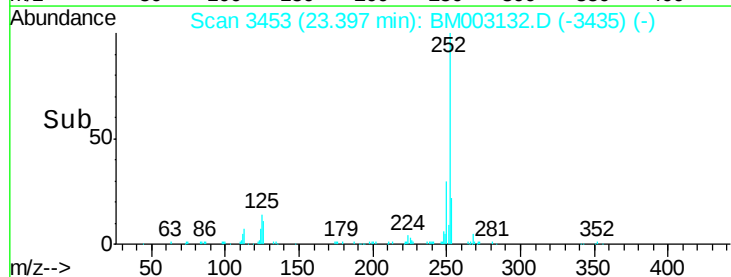
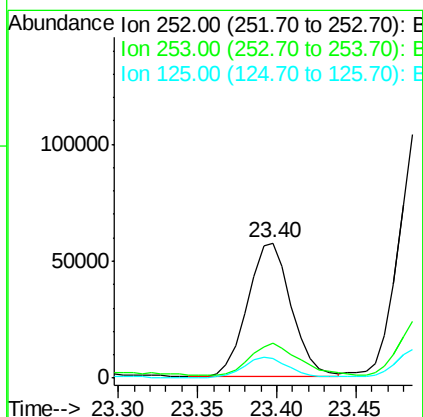
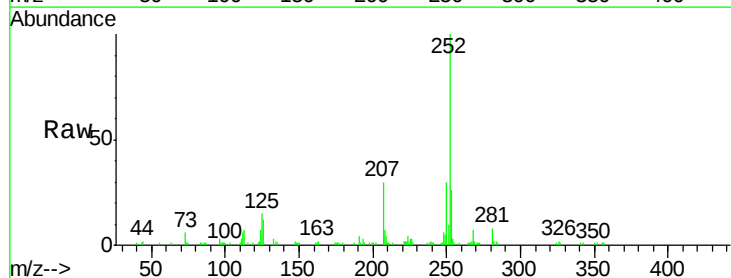
Instrument :
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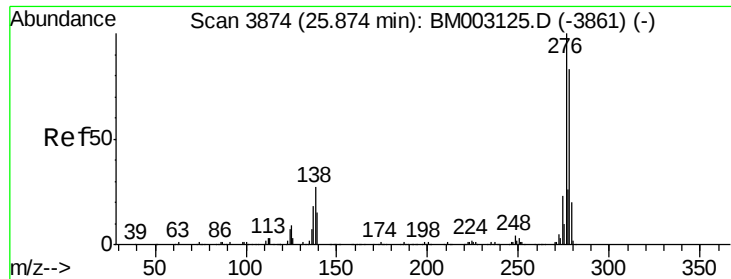
Tgt Ion:252 Resp: 55362
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.0
125 13.5 11.1 16.7



#91
Benzo(a)pyrene
Concen: 3.32 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. -0.09 min
Lab File: BM003132.D
Acq: 15 Nov 2015 14:58

Tgt Ion:252 Resp: 110033
Ion Ratio Lower Upper
252 100
253 25.6 17.1 25.7
125 14.8 11.9 17.9





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.07 ng/ul

RT: 25.87 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BM003132.D

Acq: 15 Nov 2015 14:58

Instrument :

BNA_M

ClientSampleId :

BC792

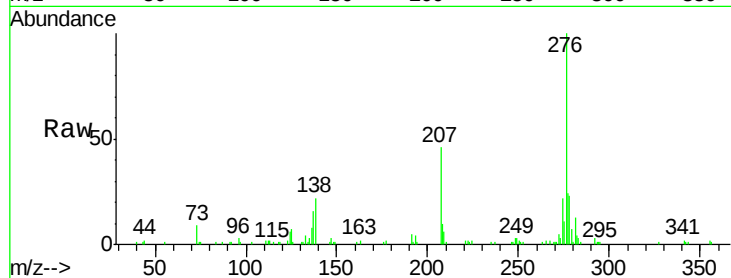
Tgt Ion:276 Resp: 111797

Ion Ratio Lower Upper

276 100

138 22.2 26.6 40.0#

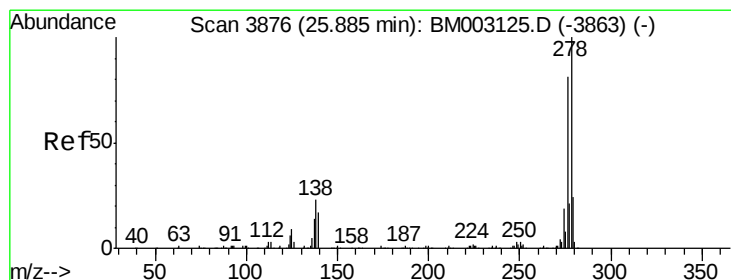
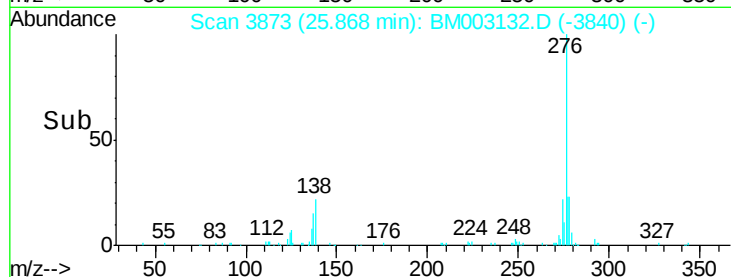
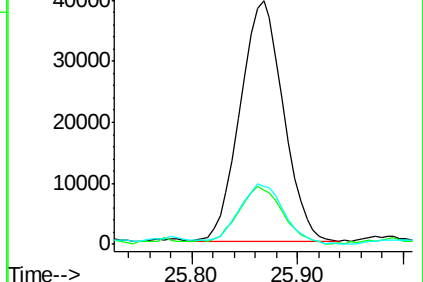
277 24.1 20.2 30.4



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



#93

Dibenzo(a,h)anthracene

Concen: 1.06 ng/ul

RT: 25.87 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BM003132.D

Acq: 15 Nov 2015 14:58

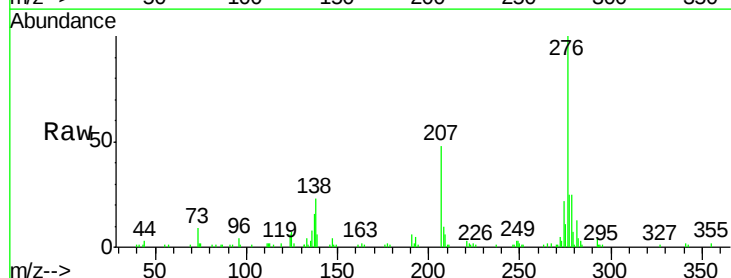
Tgt Ion:278 Resp: 30511

Ion Ratio Lower Upper

278 100

139 24.6 18.8 28.2

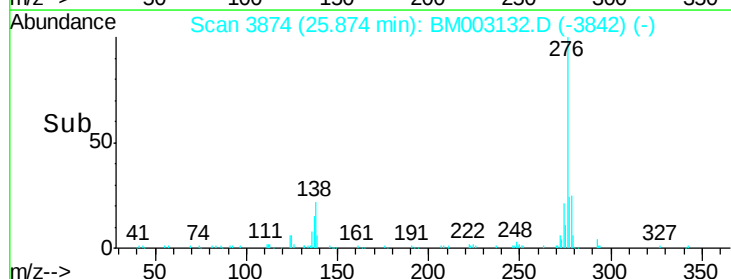
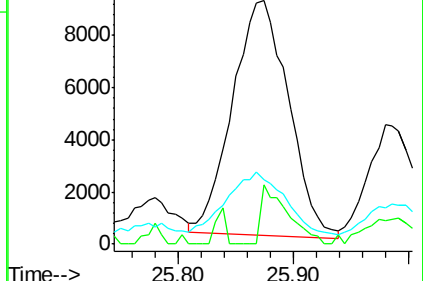
279 26.2 19.3 28.9

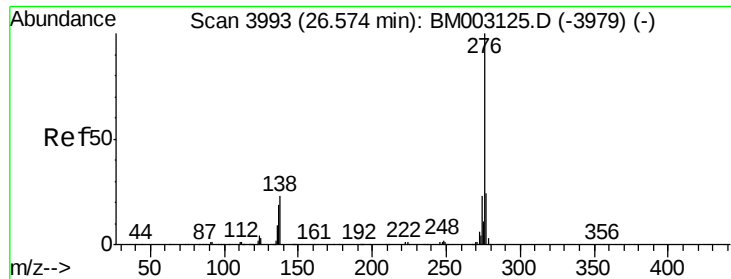


Abundance Ion 278.00 (277.70 to 278.70): E

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: 2.96 ng/ul

RT: 26.57 min Scan# 3992

Delta R.T. -0.01 min

Lab File: BM003132.D

Acq: 15 Nov 2015 14:58

Instrument :

BNA_M

ClientSampleId :

BC792

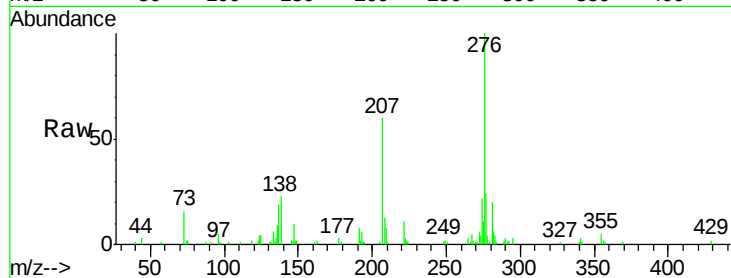
Tgt Ion:276 Resp: 96951

Ion Ratio Lower Upper

276 100

138 23.3 23.8 35.6#

277 24.4 19.4 29.2



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

