

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
 Data File : BM002161.D
 Acq On : 31 Jul 2015 18:06
 Operator : TP/UM
 Sample : G3065-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01Z9

Quant Time: Aug 01 02:22:10 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 02:15:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	49929	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	194394	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	114940	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	265372	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	324281	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	327238	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	1938	2.01	ng/uL	0.00
5) Phenol-d5	6.76	99	41580	11.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	23552	11.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	37090	12.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	23535	8.29	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	16617	12.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	17406	11.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	34740	11.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	39292	12.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	115572	13.73	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	131572	12.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	7085	5.04	ng/ul	0.00
58) Fluorene-d10	15.24	176	97675	13.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	3149	1.94	ng/ul	0.00
71) Anthracene-d10	17.09	188	147348	12.44	ng/ul	0.00
79) Pyrene-d10	19.40	212	178590	13.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	200603	12.65	ng/ul	0.00

Target Compounds

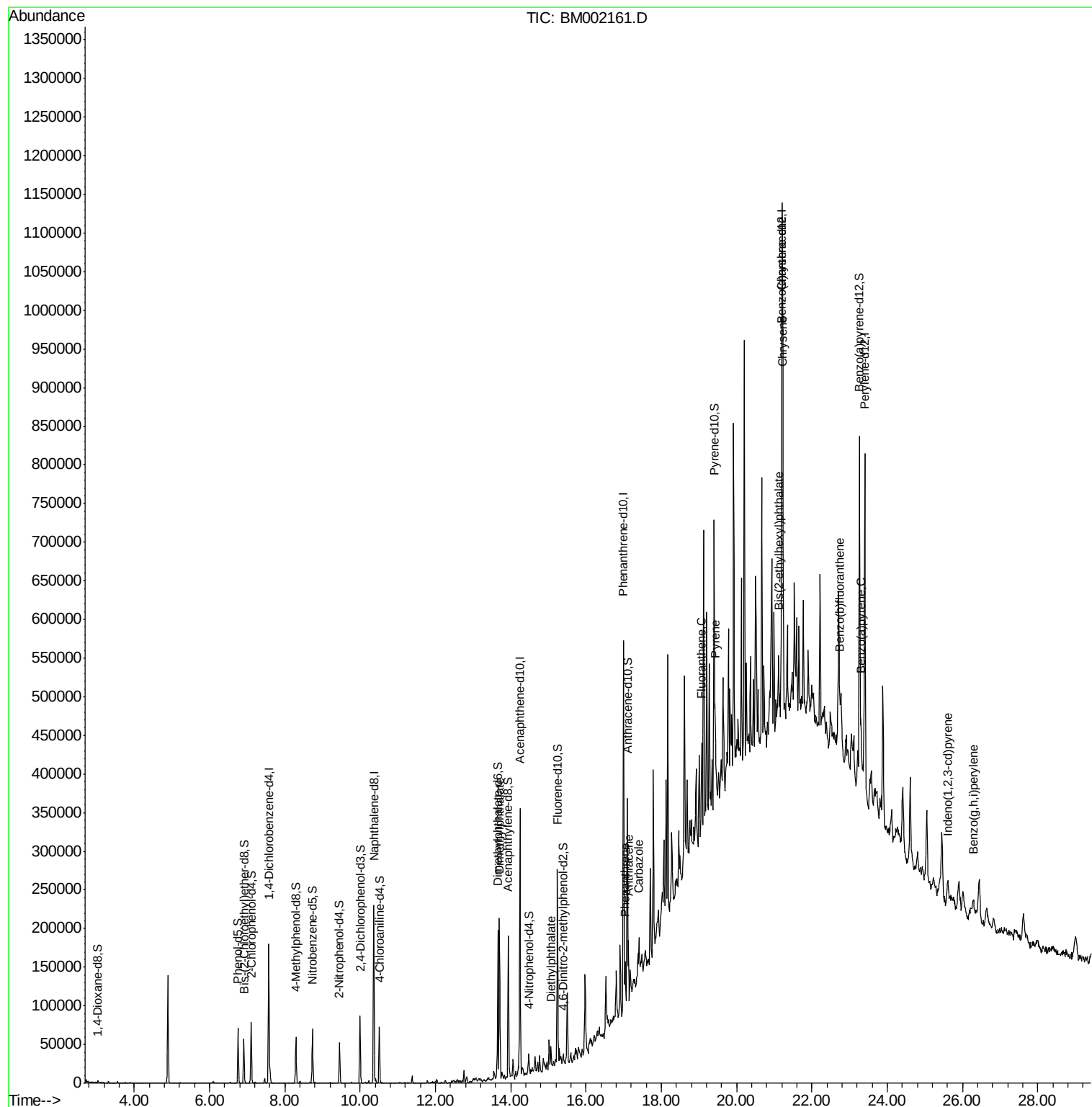
						Ovalue
45) Dimethylphthalate	13.70	163	124742	14.84	ng/ul	98
57) Diethylphthalate	15.07	149	11366	1.37	ng/ul#	95
70) Phenanthrene	17.03	178	30595	2.23	ng/ul	95
72) Anthracene	17.13	178	48238	3.43	ng/ul	98
75) Carbazole	17.40	167	14061	1.17	ng/ul#	89
77) Fluoranthene	19.06	202	61438	3.87	ng/ul	99
80) Pyrene	19.43	202	72356	4.10	ng/ul	98
83) Benzo(a)anthracene	21.19	228	31722	1.76	ng/ul#	90
84) Bis(2-ethylhexyl)phthalate	21.11	149	19080	1.85	ng/ul#	92
85) Chrysene	21.23	228	37683	2.24	ng/ul#	89
88) Benzo(b)fluoranthene	22.74	252	43369	2.36	ng/ul#	80
91) Benzo(a)pyrene	23.30	252	30983	1.75	ng/ul#	80
92) Indeno(1,2,3-cd)pyrene	25.60	276	21017	1.03	ng/ul	97
94) Benzo(g,h,i)perylene	26.29	276	22075	1.29	ng/ul#	91

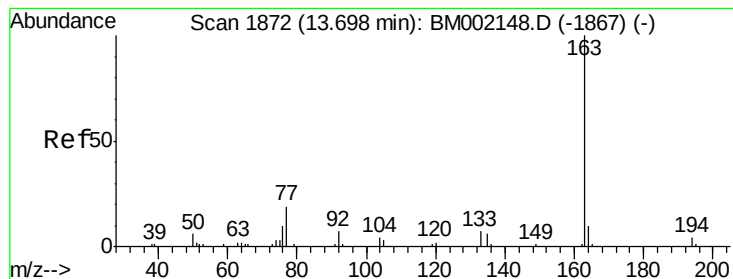
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 14.84 ng/ul

RT: 13.70 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BM002161.D

Acq: 31 Jul 2015 18:06

Instrument :

BNA_M

ClientSampleId :

C01Z9

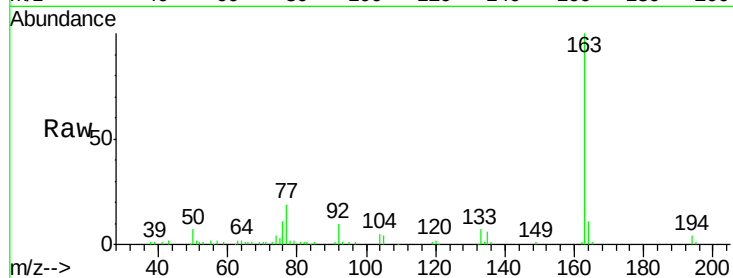
Tot Ion:163 Resp: 124742

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

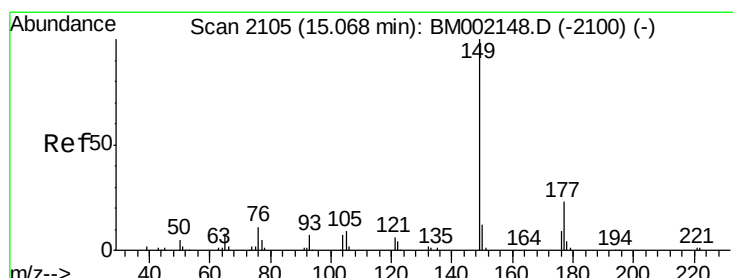
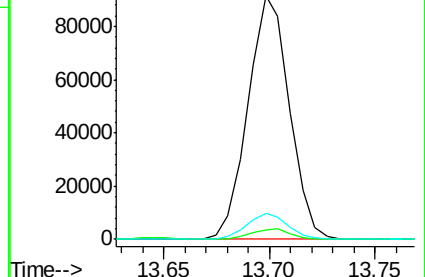
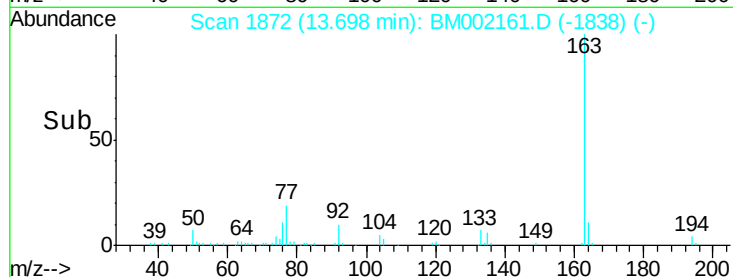
164 10.7 8.0 12.0



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



#57

Diethylphthalate

Concen: 1.37 ng/ul

RT: 15.07 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BM002161.D

Acq: 31 Jul 2015 18:06

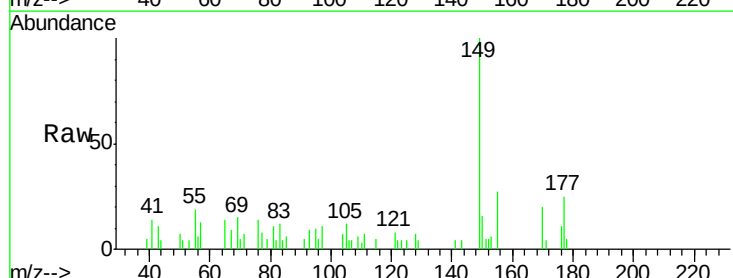
Tgt Ion:149 Resp: 11366

Ion Ratio Lower Upper

149 100

177 24.7 18.4 27.6

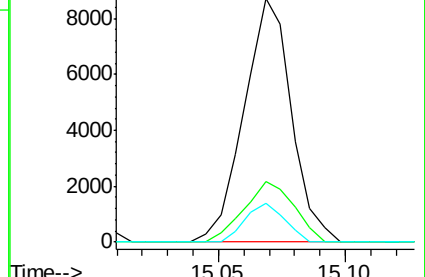
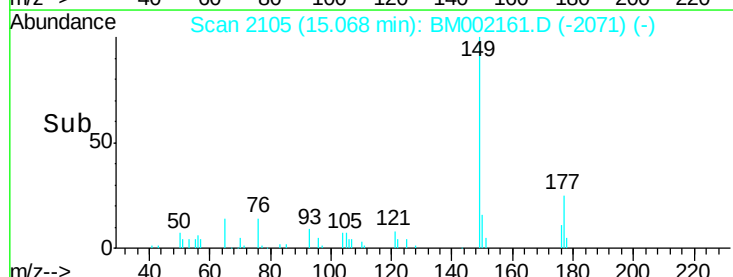
150 15.9 10.1 15.1#

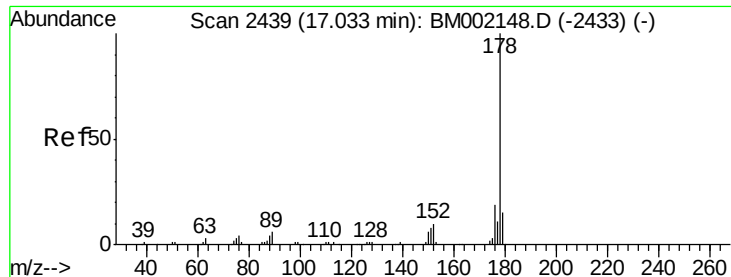


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#70

Phenanthrene

Concen: 2.23 ng/ul

RT: 17.03 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BM002161.D

Acq: 31 Jul 2015 18:06

Instrument :

BNA_M

ClientSampleId :

C01Z9

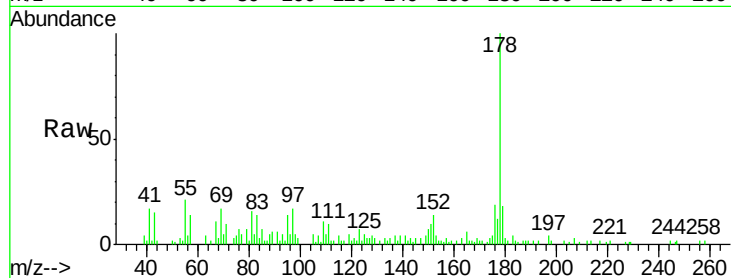
Tot Ion:178 Resp: 30595

Ion Ratio Lower Upper

178 100

179 18.4 12.5 18.7

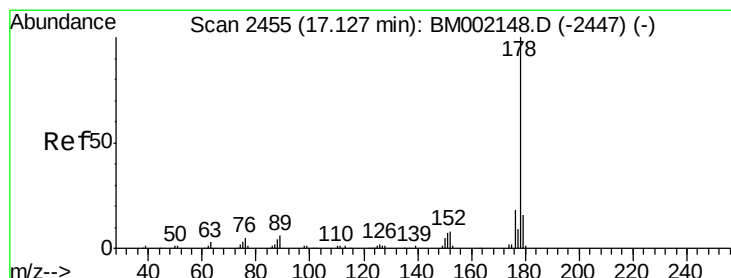
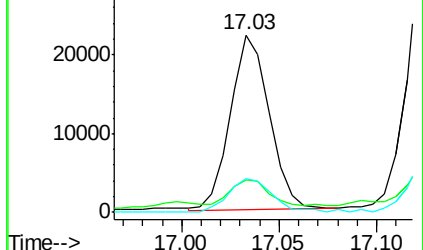
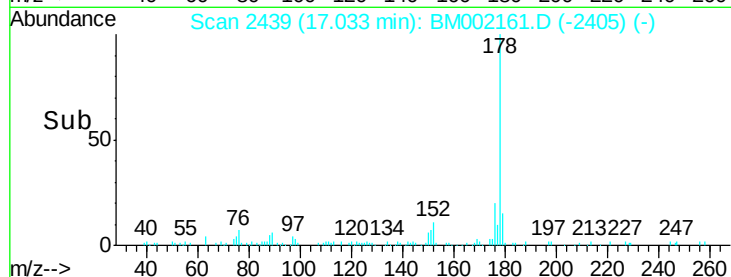
176 19.1 14.2 21.4



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: 3.43 ng/ul

RT: 17.13 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BM002161.D

Acq: 31 Jul 2015 18:06

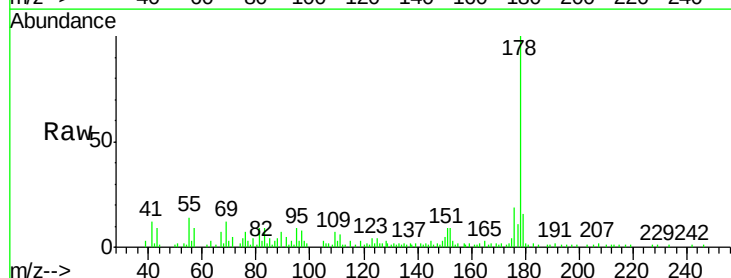
Tgt Ion:178 Resp: 48238

Ion Ratio Lower Upper

178 100

179 15.8 12.1 18.1

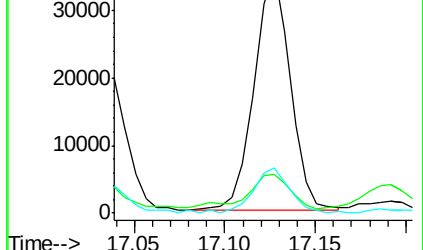
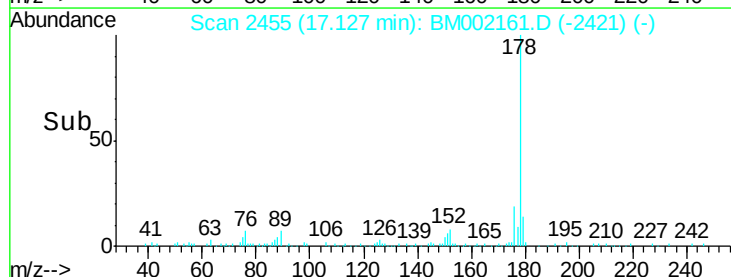
176 18.8 14.1 21.1

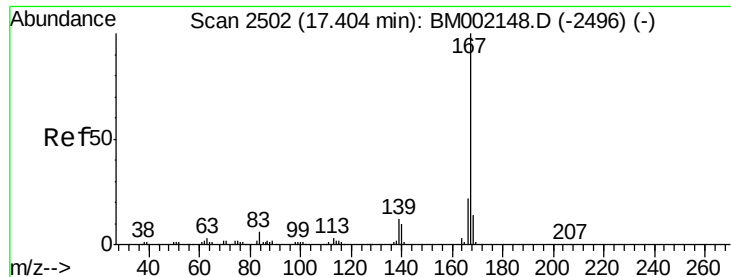


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 1.17 ng/ul

RT: 17.40 min Scan# 2502

Delta R.T. 0.00 min

Lab File: BM002161.D

Acq: 31 Jul 2015 18:06

Instrument :

BNA_M

ClientSampleId :

C01Z9

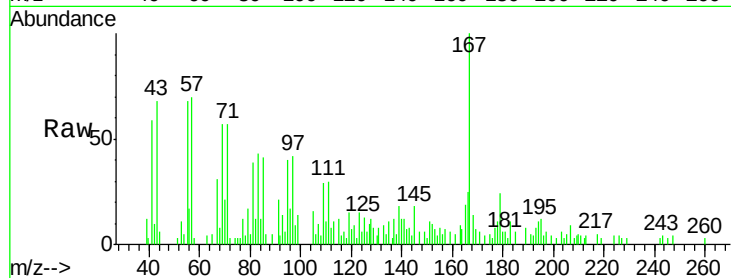
Tot Ion:167 Resp: 14061

Ion Ratio Lower Upper

167 100

166 24.5 16.2 24.4#

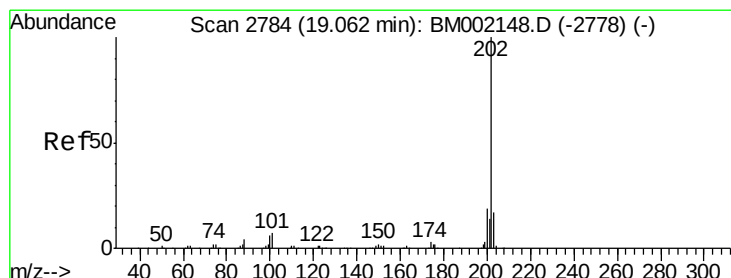
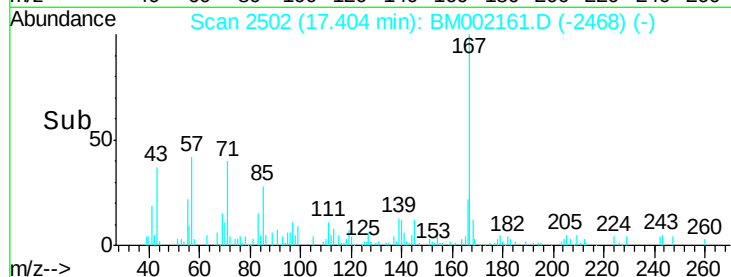
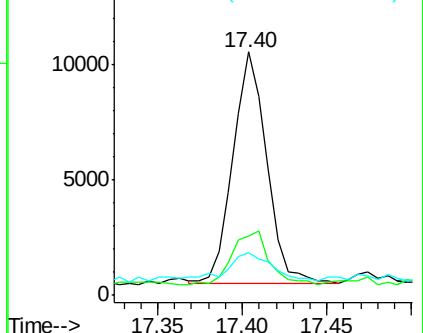
139 17.7 9.6 14.4#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 3.87 ng/ul

RT: 19.06 min Scan# 2784

Delta R.T. 0.00 min

Lab File: BM002161.D

Acq: 31 Jul 2015 18:06

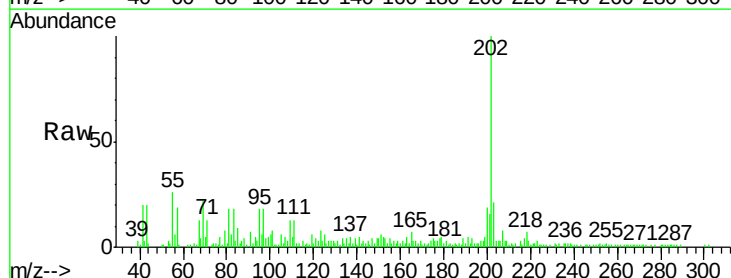
Tgt Ion:202 Resp: 61438

Ion Ratio Lower Upper

202 100

101 7.9 6.2 9.4

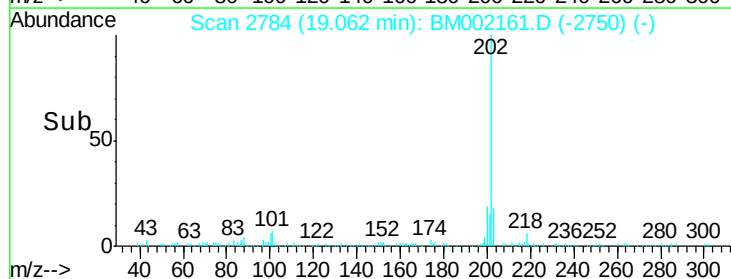
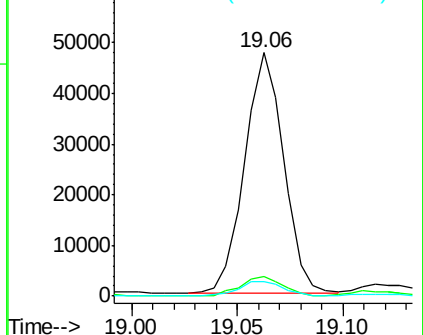
100 6.1 5.2 7.8

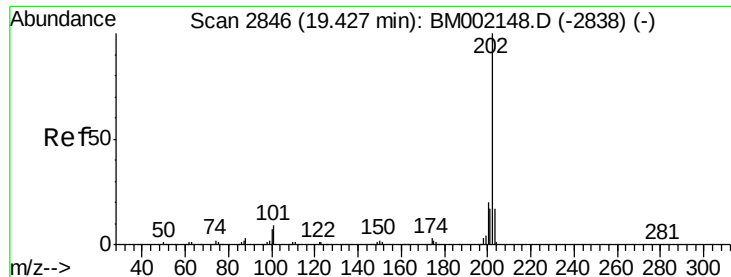


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

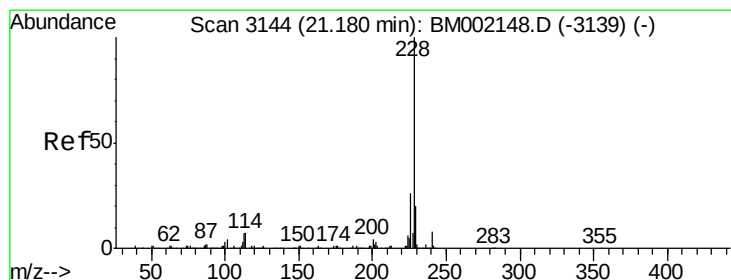
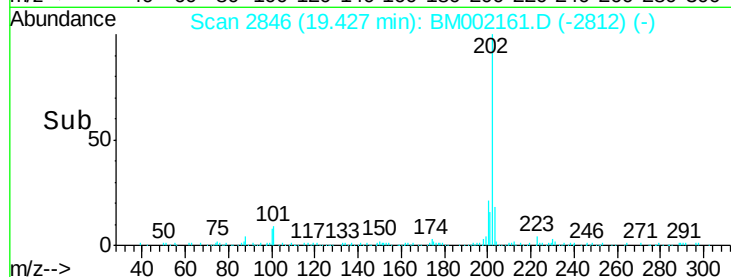
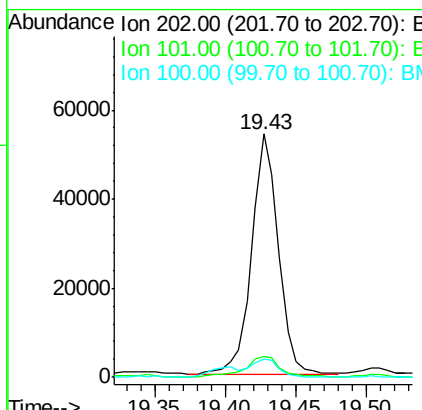
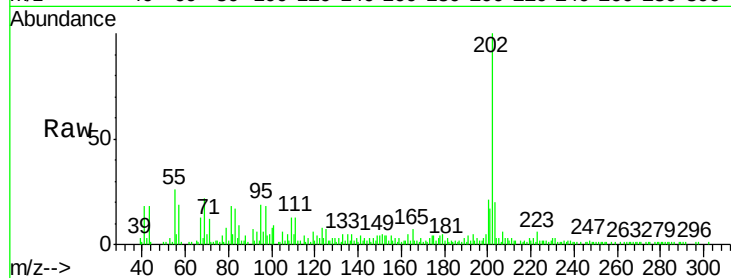




#80
Pvrene
Concen: 4.10 ng/ul
RT: 19.43 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

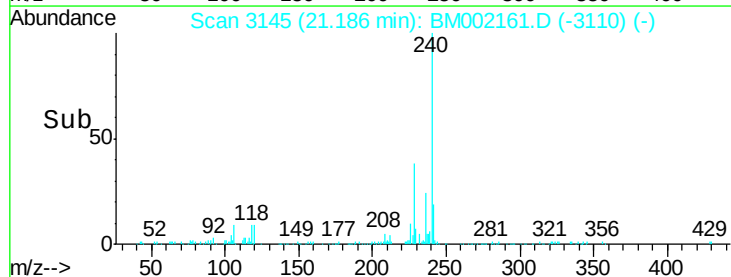
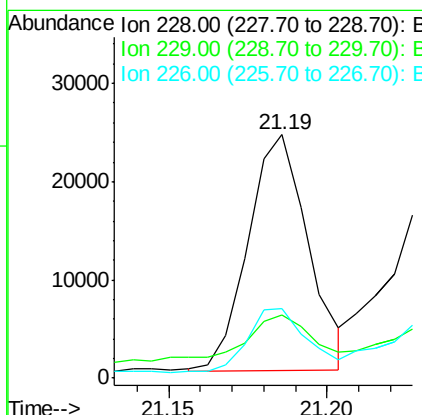
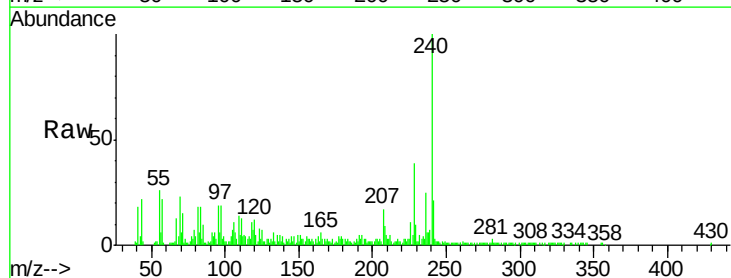
Instrument :
BNA_M
ClientSampleId :
C01Z9

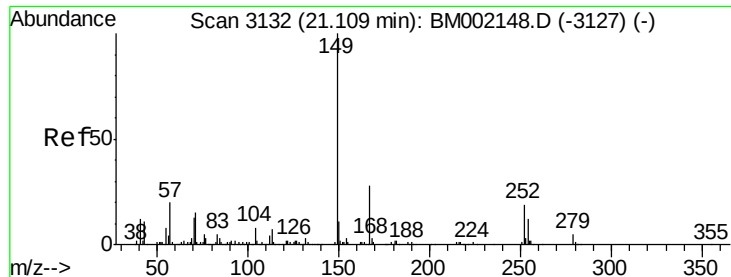
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.4	11.2
100	7.6	6.3	9.5



#83
Benzo(a)anthracene
Concen: 1.76 ng/ul
RT: 21.19 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Tgt Ion	Ratio	Lower	Upper
228	100		
229	26.1	15.4	23.2#
226	28.8	20.5	30.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.85 ng/ul

RT: 21.11 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BM002161.D

Acq: 31 Jul 2015 18:06

Instrument :

BNA_M

ClientSampleId :

C01Z9

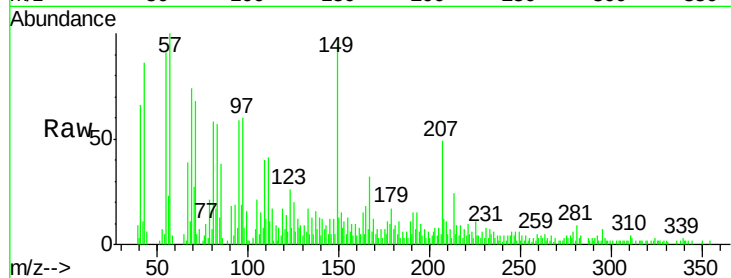
Tot Ion:149 Resp: 19080

Ion Ratio Lower Upper

149 100

167 34.0 23.6 35.4

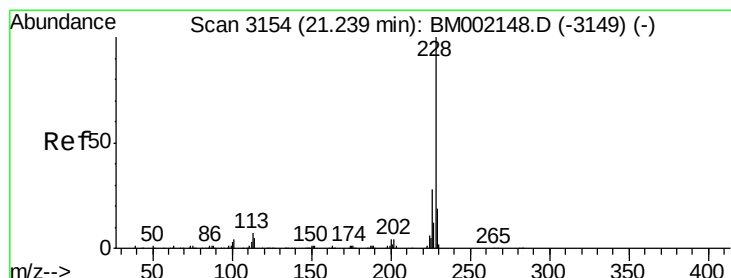
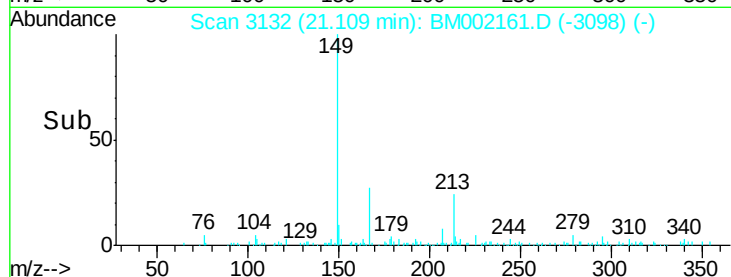
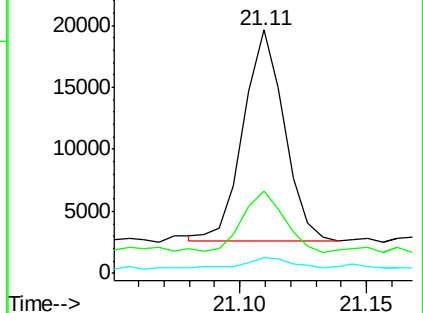
279 6.6 4.2 6.4#



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: 2.24 ng/ul

RT: 21.23 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BM002161.D

Acq: 31 Jul 2015 18:06

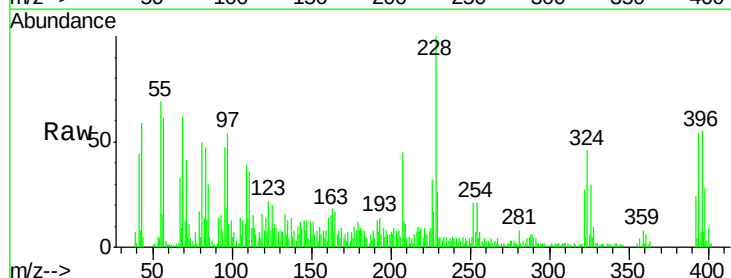
Tgt Ion:228 Resp: 37683

Ion Ratio Lower Upper

228 100

226 31.6 22.3 33.5

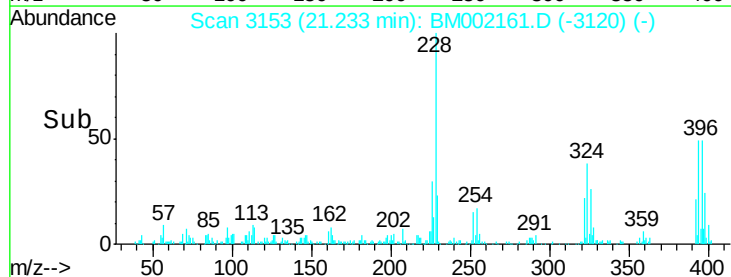
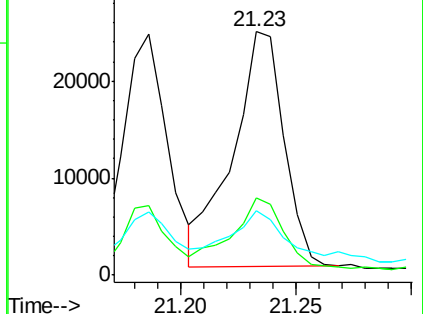
229 26.4 15.5 23.3#

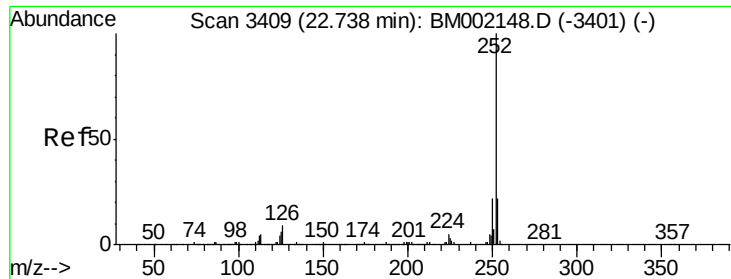


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

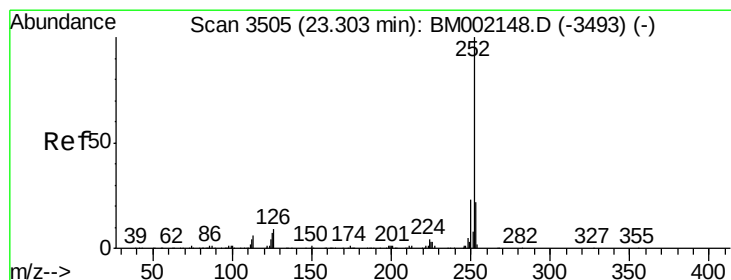
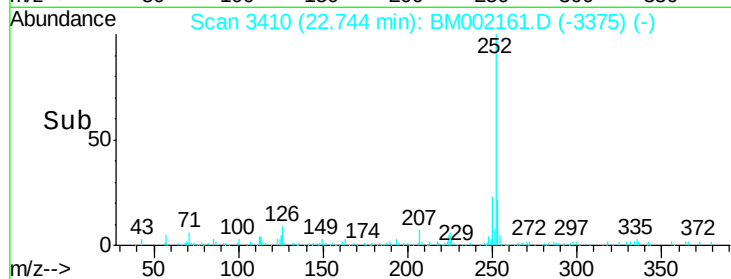
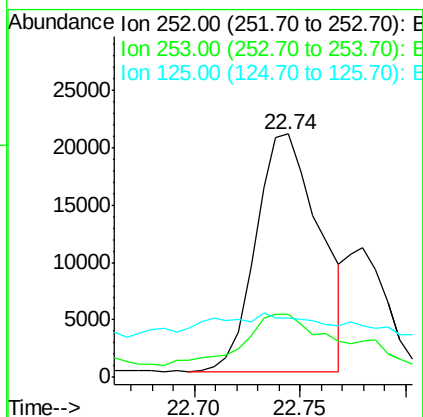
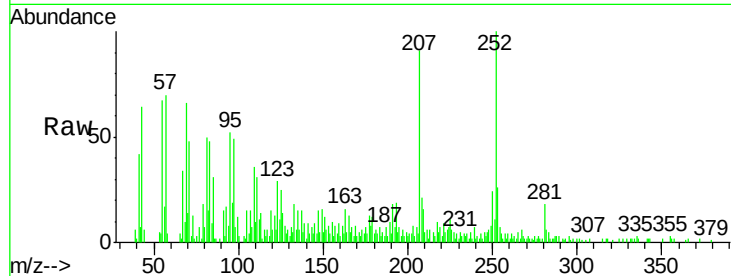




#88
Benzo(b)fluoranthene
Concen: 2.36 ng/ul
RT: 22.74 min Scan# 3410
Delta R.T. 0.01 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

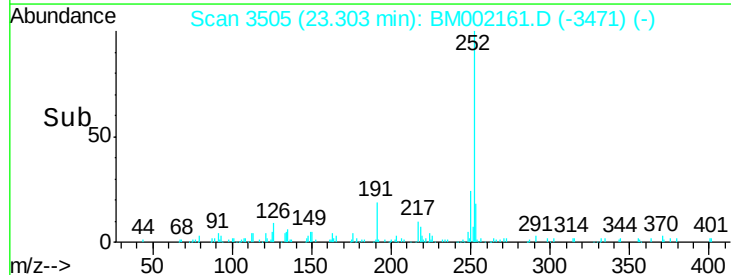
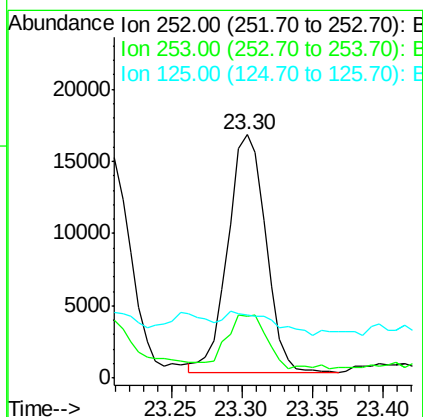
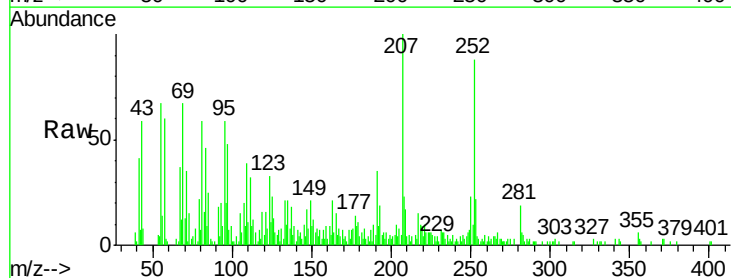
Instrument :
BNA_M
ClientSampleId :
C01Z9

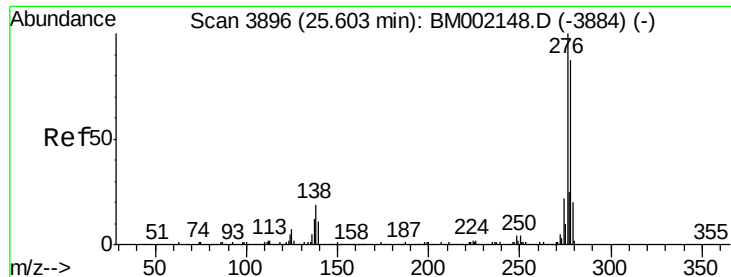
Tot Ion:252 Resp: 43369
Ion Ratio Lower Upper
252 100
253 25.7 16.9 25.3#
125 24.6 6.2 9.2#



#91
Benzo(a)pyrene
Concen: 1.75 ng/ul
RT: 23.30 min Scan# 3505
Delta R.T. 0.00 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Tgt Ion:252 Resp: 30983
Ion Ratio Lower Upper
252 100
253 25.2 17.2 25.8
125 26.1 6.6 10.0#





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.03 ng/ul

RT: 25.60 min Scan# 3896

Delta R.T. 0.00 min

Lab File: BM002161.D

Acq: 31 Jul 2015 18:06

Instrument :

BNA_M

ClientSampleId :

C01Z9

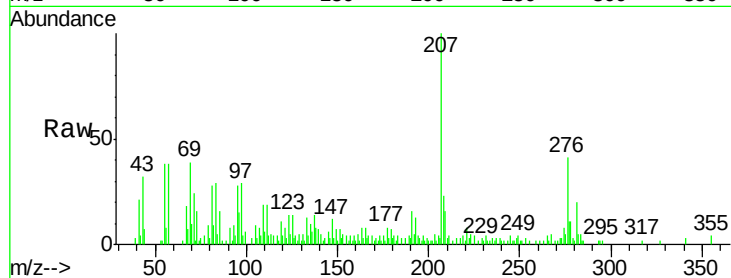
Tot Ion:276 Resp: 21017

Ion Ratio Lower Upper

276 100

138 20.3 16.2 24.2

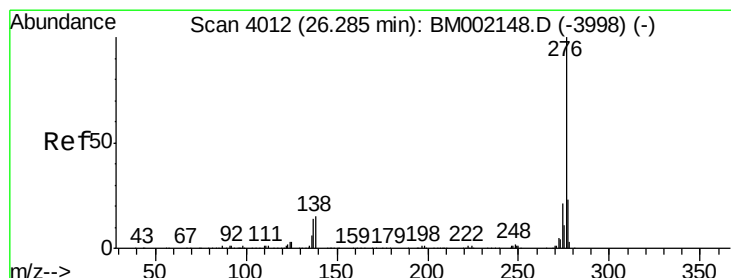
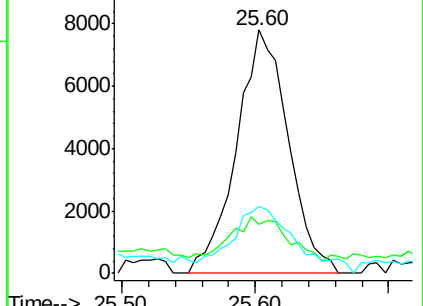
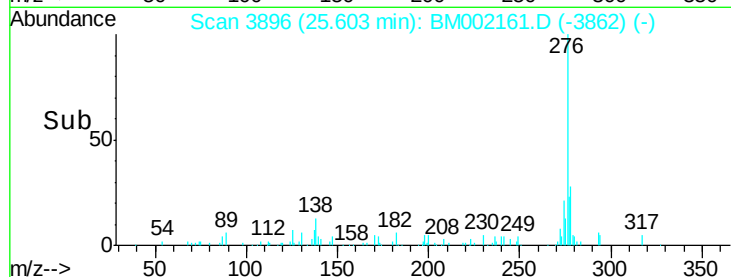
277 27.4 19.8 29.8



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



#94

Benzo(g,h,i)perylene

Concen: 1.29 ng/ul

RT: 26.29 min Scan# 4012

Delta R.T. 0.00 min

Lab File: BM002161.D

Acq: 31 Jul 2015 18:06

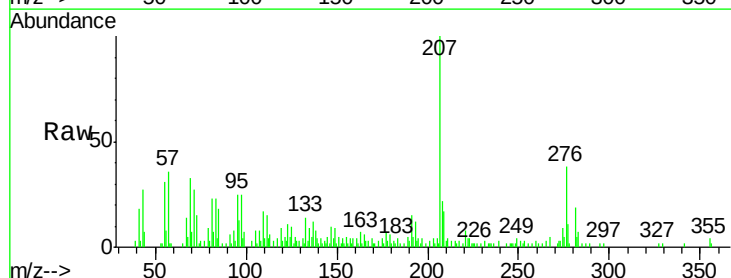
Tgt Ion:276 Resp: 22075

Ion Ratio Lower Upper

276 100

138 20.4 13.8 20.6

277 27.6 18.2 27.2#



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

