

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
 Data File : BM002153.D
 Acq On : 31 Jul 2015 13:12
 Operator : TP/UM
 Sample : G3065-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01Z5

Quant Time: Aug 01 02:20:50 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	79102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	309806	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	182789	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	410816	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	500429	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	510360	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	7753	5.07	ng/uL	0.00
5) Phenol-d5	6.76	99	164991	29.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	87689	28.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	143179	29.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	136543	30.37	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	62389	28.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	67754	27.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	141975	30.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	161299	31.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	396248	29.60	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	435942	26.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	57809	25.87	ng/ul	0.00
58) Fluorene-d10	15.24	176	306103	25.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	34504	13.73	ng/ul	0.00
71) Anthracene-d10	17.09	188	465355	25.38	ng/ul	0.00
79) Pyrene-d10	19.40	212	523040	24.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	606818	24.53	ng/ul	0.00

Target Compounds

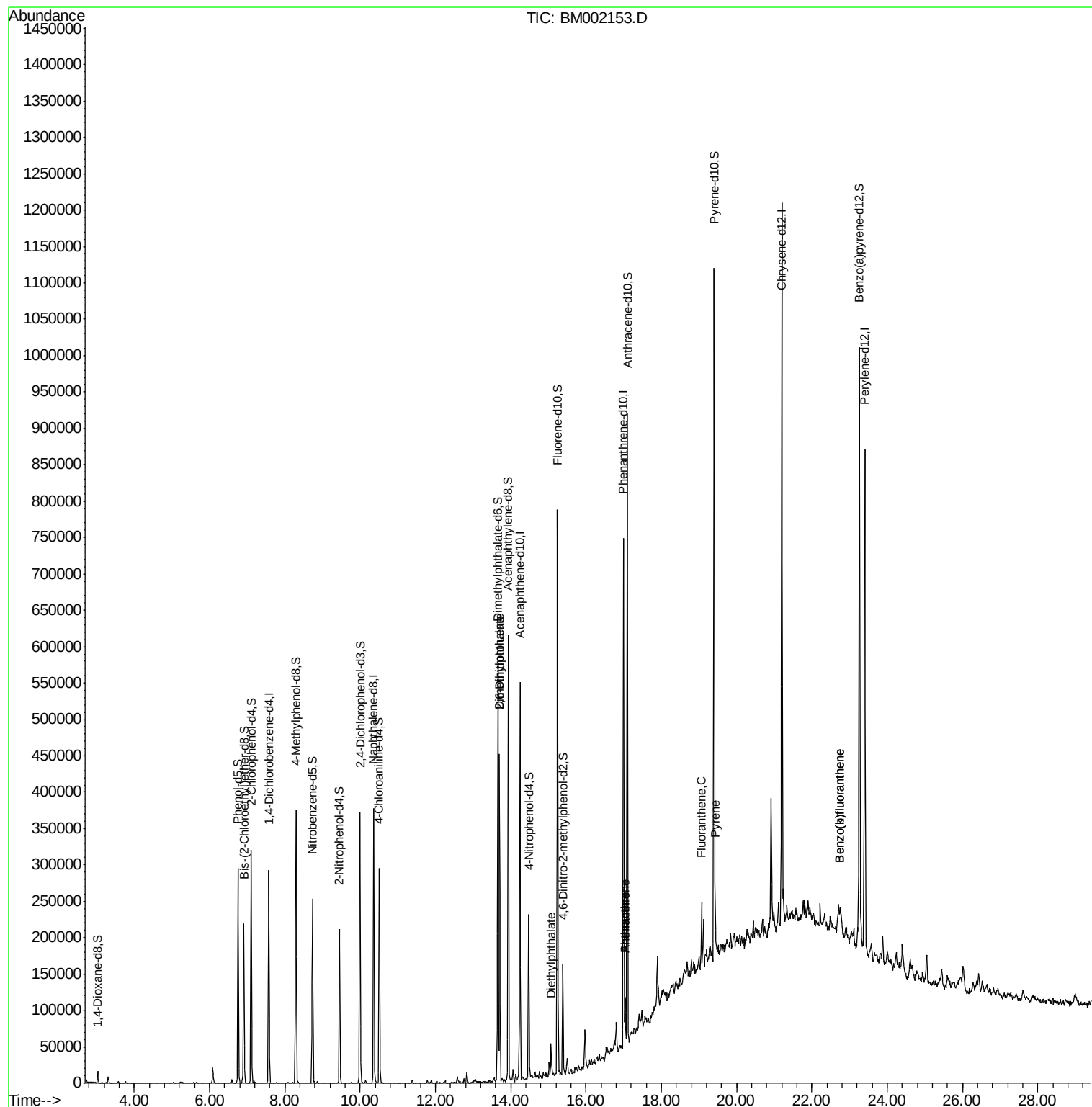
					Ovalue
45) Dimethylphthalate	13.70	163	278878	20.86 ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	3025	1.11 ng/ul#	52
57) Diethylphthalate	15.07	149	21555	1.63 ng/ul	99
70) Phenanthrene	17.03	178	33286	1.56 ng/ul	96
72) Anthracene	17.03	178	33803	1.55 ng/ul	95
77) Fluoranthene	19.06	202	49069	2.00 ng/ul	98
80) Pyrene	19.43	202	43079	1.58 ng/ul	98
88) Benzo(b)fluoranthene	22.74	252	35359	1.23 ng/ul#	75
89) Benzo(k)fluoranthene	22.74	252	33745	1.22 ng/ul#	76

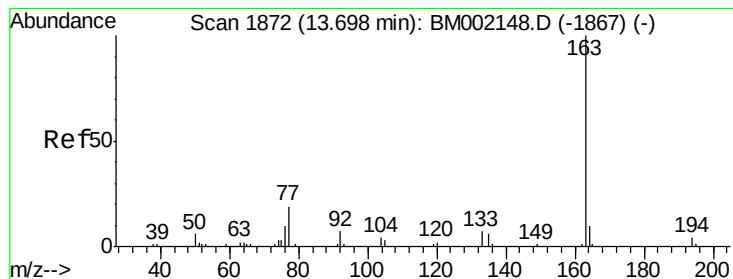
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 20.86 ng/ul

RT: 13.70 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BM002153.D

Acq: 31 Jul 2015 13:12

Instrument :

BNA_M

ClientSampleId :

C01Z5

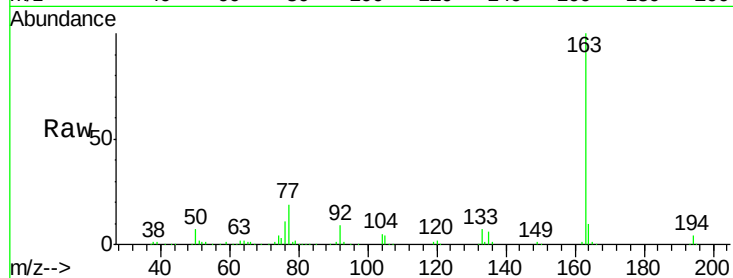
Tot Ion:163 Resp: 278878

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

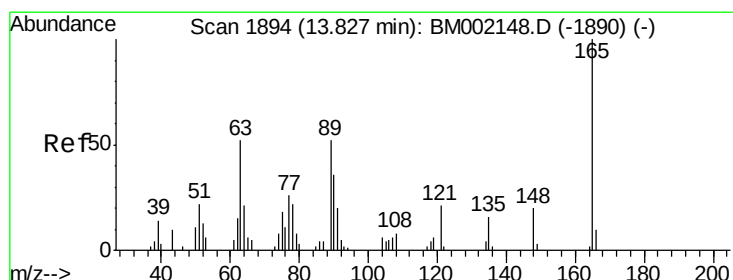
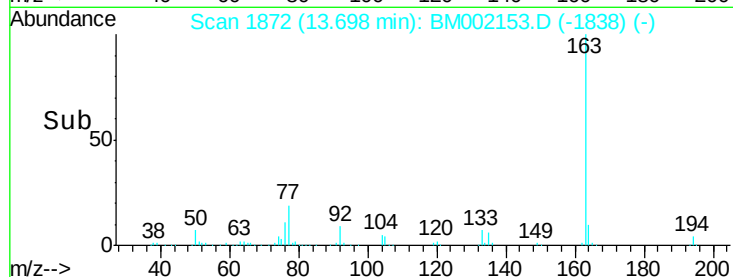
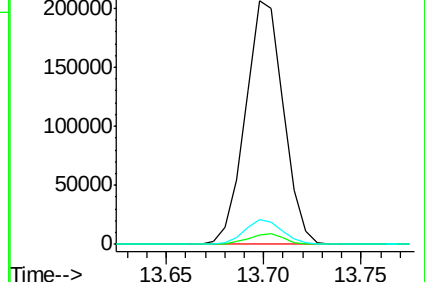
164 10.2 8.0 12.0



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



#46

2,6-Dinitrotoluene

Concen: 1.11 ng/ul

RT: 13.70 min Scan# 1872

Delta R.T. -0.13 min

Lab File: BM002153.D

Acq: 31 Jul 2015 13:12

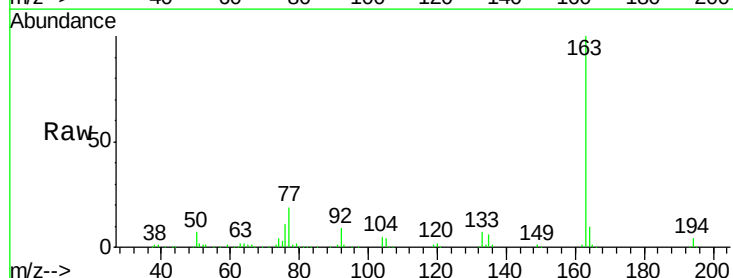
Tgt Ion:165 Resp: 3025

Ion Ratio Lower Upper

165 100

89 16.0 42.7 64.1#

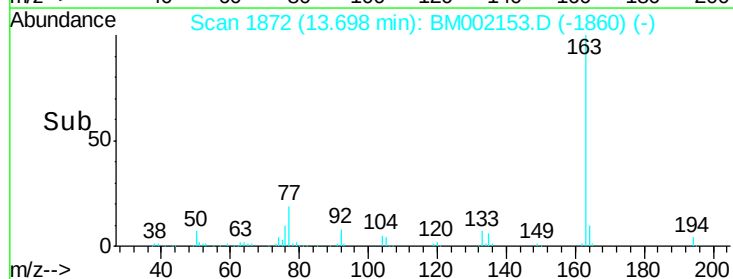
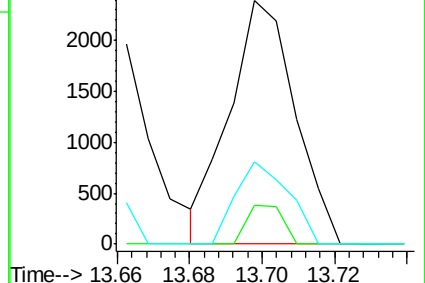
121 33.7 14.8 22.2#

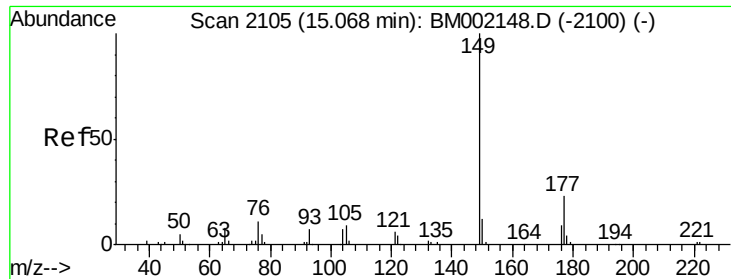


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#57

Diethylphthalate

Concen: 1.63 ng/ul

RT: 15.07 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BM002153.D

Acq: 31 Jul 2015 13:12

Instrument :

BNA_M

ClientSampleId :

C01Z5

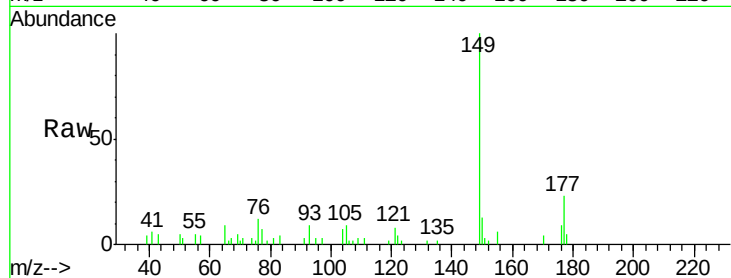
Tot Ion:149 Resp: 21555

Ion Ratio Lower Upper

149 100

177 22.6 18.4 27.6

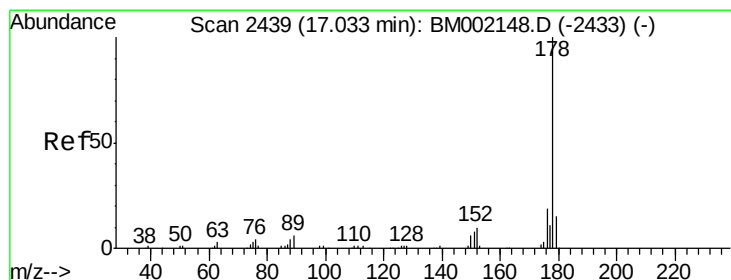
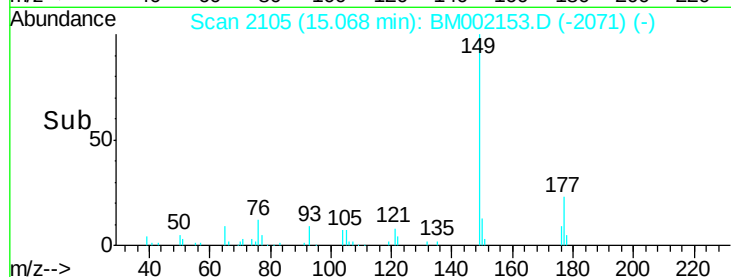
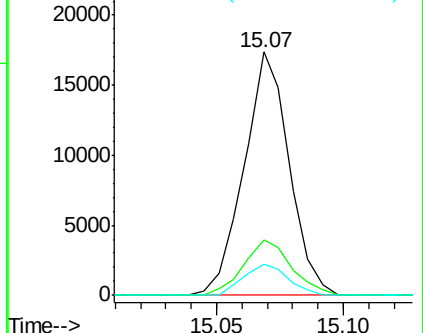
150 13.0 10.1 15.1



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: 1.56 ng/ul

RT: 17.03 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BM002153.D

Acq: 31 Jul 2015 13:12

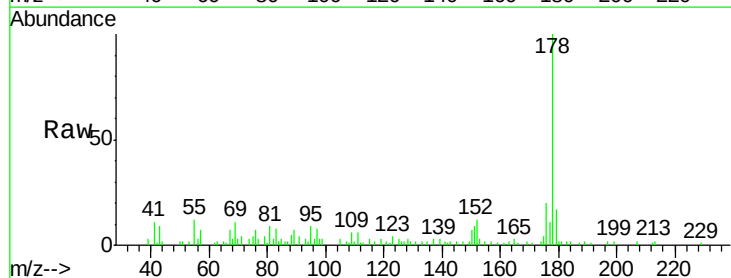
Tgt Ion:178 Resp: 33286

Ion Ratio Lower Upper

178 100

179 17.2 12.5 18.7

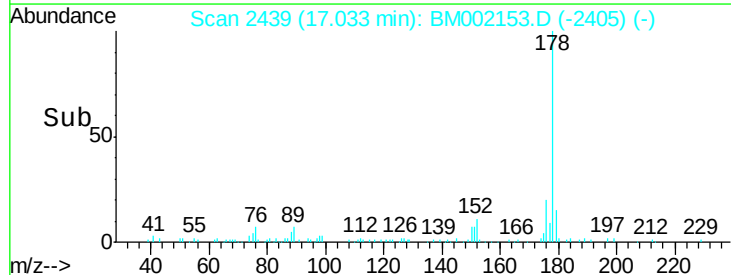
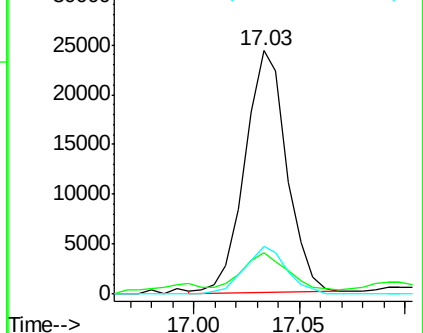
176 19.9 14.2 21.4

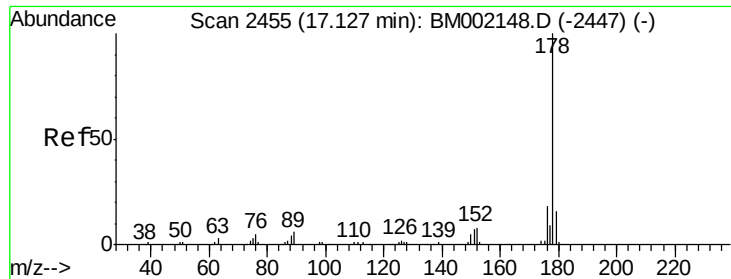


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.55 ng/ul

RT: 17.03 min Scan# 2439

Delta R.T. -0.09 min

Lab File: BM002153.D

Acq: 31 Jul 2015 13:12

Instrument :

BNA_M

ClientSampleId :

C01Z5

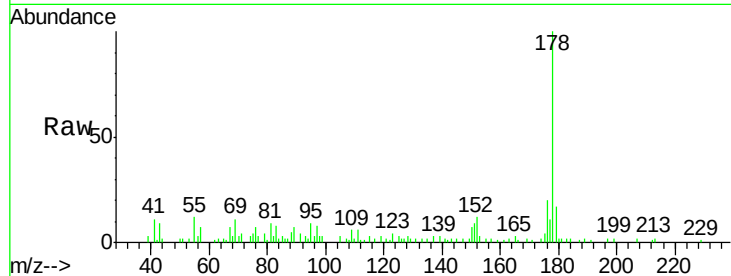
Tot Ion:178 Resp: 33803

Ion Ratio Lower Upper

178 100

179 17.2 12.1 18.1

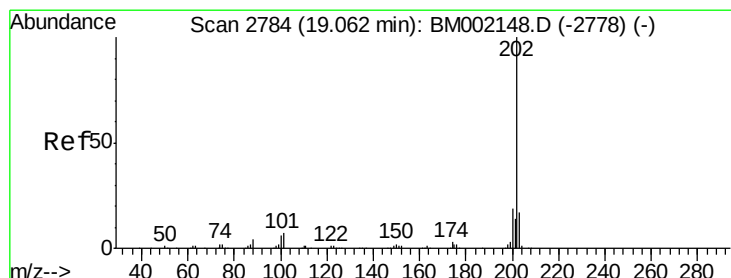
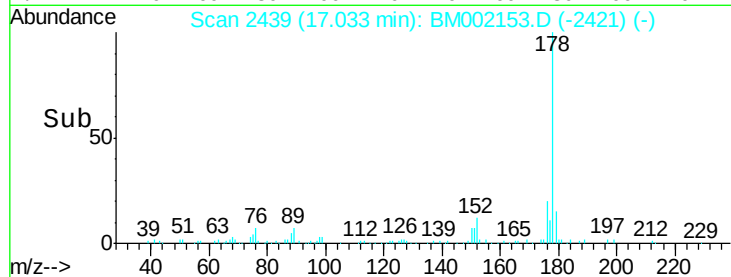
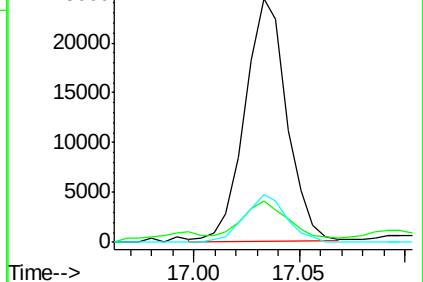
176 19.9 14.1 21.1



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: 2.00 ng/ul

RT: 19.06 min Scan# 2784

Delta R.T. 0.00 min

Lab File: BM002153.D

Acq: 31 Jul 2015 13:12

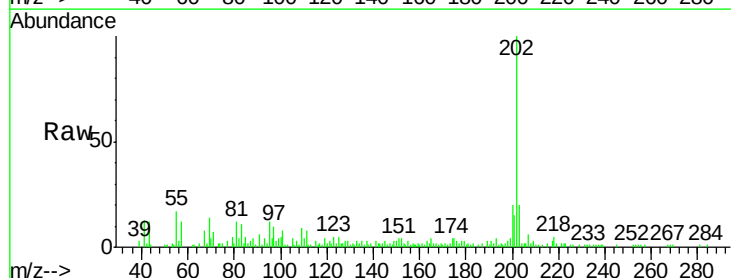
Tgt Ion:202 Resp: 49069

Ion Ratio Lower Upper

202 100

101 7.9 6.2 9.4

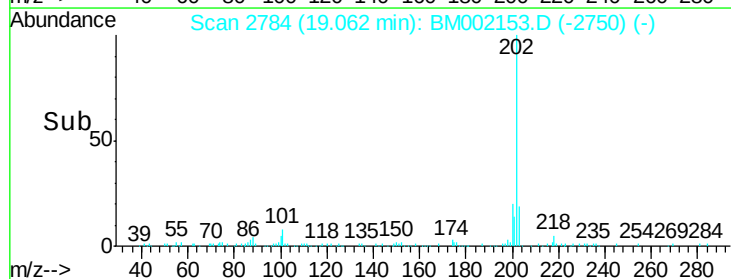
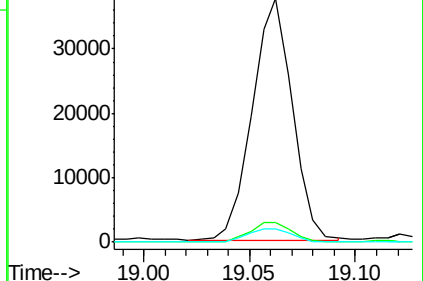
100 5.3 5.2 7.8

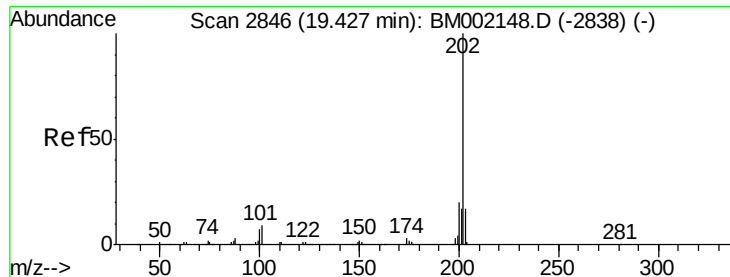


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

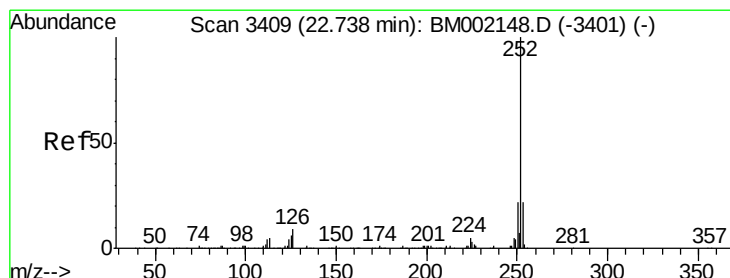
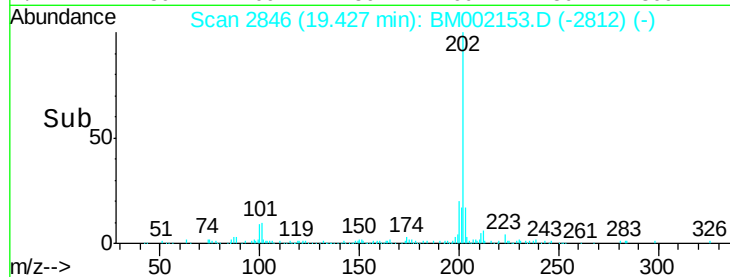
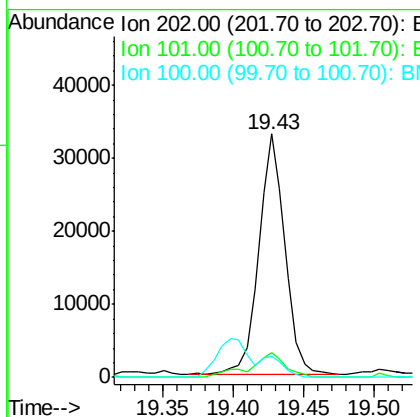
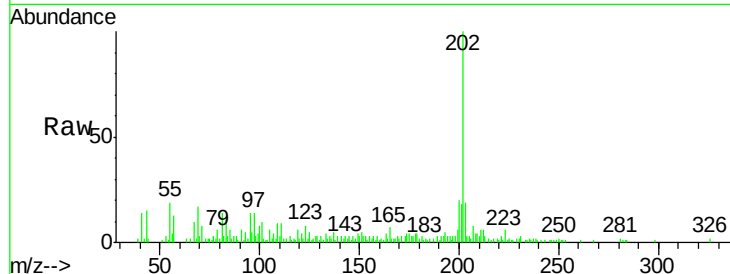




#80
Pvrene
Concen: 1.58 ng/ul
RT: 19.43 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BM002153.D
Acq: 31 Jul 2015 13:12

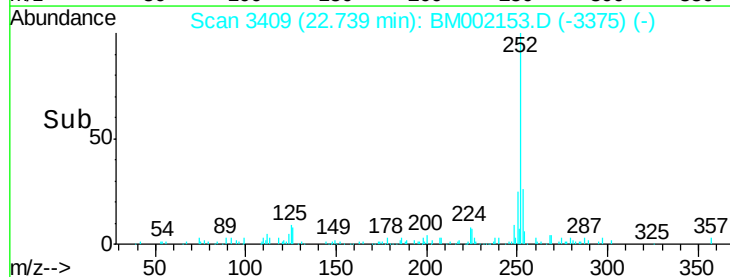
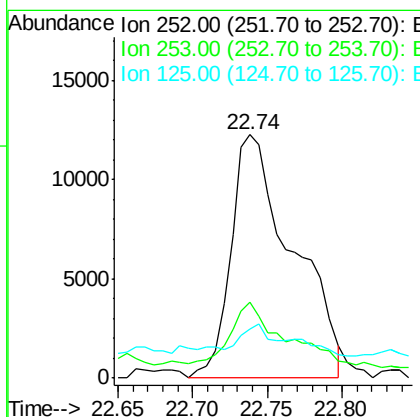
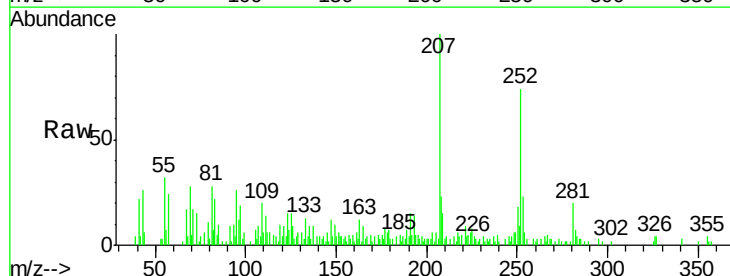
Instrument :
BNA_M
ClientSampleId :
C01Z5

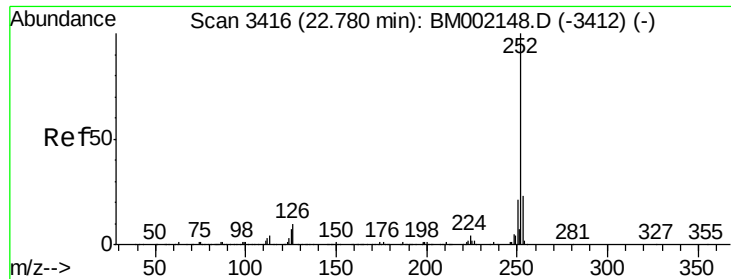
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.4	11.2
100	8.4	6.3	9.5



#88
Benzo(b)fluoranthene
Concen: 1.23 ng/ul
RT: 22.74 min Scan# 3409
Delta R.T. 0.00 min
Lab File: BM002153.D
Acq: 31 Jul 2015 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.1	16.9	25.3#
125	19.9	6.2	9.2#





#89

Benzo(k)fluoranthene

Concen: 1.22 ng/ul

RT: 22.74 min Scan# 3409

Delta R.T. -0.04 min

Lab File: BM002153.D

Acq: 31 Jul 2015 13:12

Instrument :

BNA_M

ClientSampleId :

C01Z5

Tot Ion:252 Resp: 33745

Ion Ratio Lower Upper

252 100

253 31.1 17.4 26.0#

125 19.9 6.2 9.4#

