

Data File : BM023602.D
Acq On : 05 Nov 2019 11:49
Operator : JU
Sample : K5537-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF6L8

Quant Time: Nov 06 05:50:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 05:47:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	416729	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	1720655	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	1068059	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	2316921	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	2317004	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	2807190	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	10471	1.19	ng/uL	0.00
5) Phenol-d5	6.78	99	201275	5.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	529871	25.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	567042	20.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	366470	12.89	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	355152	27.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	359159	24.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	662330	23.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	563950	17.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	2298257	28.34	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	2674203	28.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	59537	4.24	ng/ul	0.00
58) Fluorene-d10	15.25	176	2021631	29.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	285251	19.78	ng/ul	0.00
71) Anthracene-d10	17.10	188	3244158	29.63	ng/ul	0.00
79) Pyrene-d10	19.40	212	3617699	28.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	4384933	30.66	ng/ul	0.00

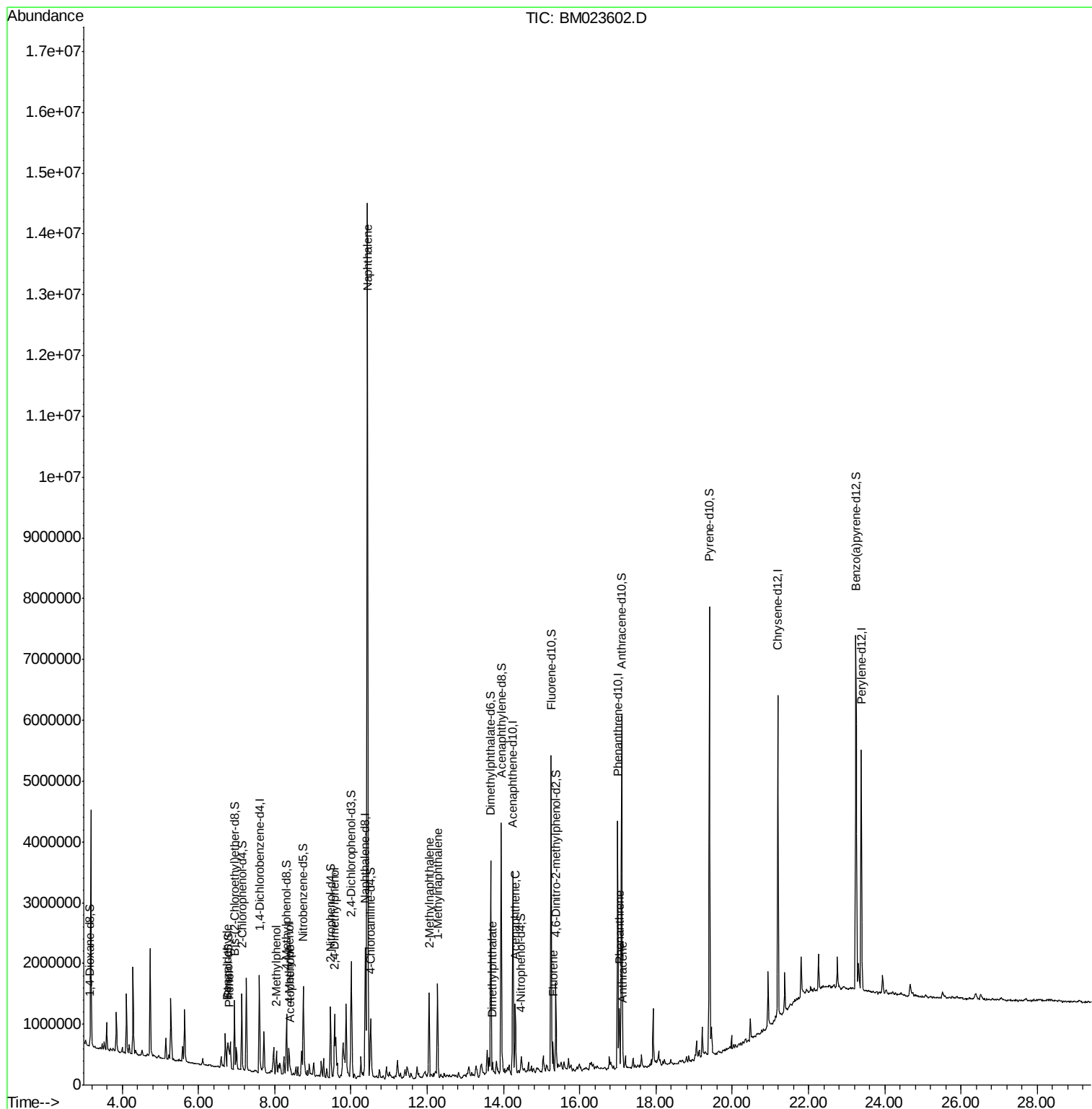
Target Compounds				Qvalue		
4) Benzaldehyde	6.76	77	52690	2.615	ng/ul#	1
6) Phenol	6.81	94	130663	3.625	ng/ul	98
11) 2-Methylphenol	8.05	108	124708	4.525	ng/ul	99
14) Acetophenone	8.40	105	86904	1.957	ng/ul#	49
16) 4-Methylphenol	8.37	108	186151	6.162	ng/ul	100
24) 2,4-Dimethylphenol	9.57	107	354410	10.931	ng/ul	97
28) Naphthalene	10.43	128	11842781	134.286	ng/ul	99
34) 2-Methylnaphthalene	12.05	142	671238	9.964	ng/ul	98
35) 1-Methylnaphthalene	12.27	142	704743	10.841	ng/ul	100
45) Dimethylphthalate	13.72	163	129015	1.584	ng/ul#	98
50) Acenaphthene	14.32	153	446689	6.593	ng/ul	99
59) Fluorene	15.30	166	196742	2.487	ng/ul	97
70) Phenanthrene	17.04	178	556398	4.297	ng/ul	98
72) Anthracene	17.13	178	132861	1.013	ng/ul	97

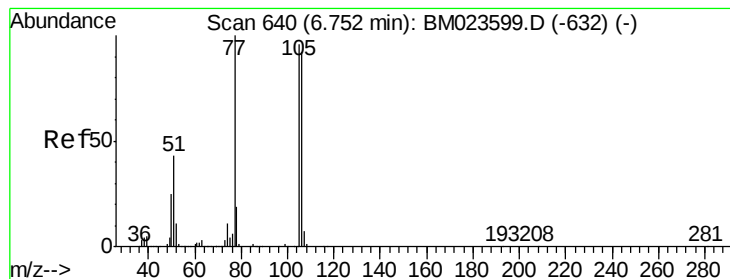
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BM023602.D
Acq On : 05 Nov 2019 11:49
Operator : JU
Sample : K5537-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF6L8

Quant Time: Nov 06 05:50:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 05:47:35 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.615 ng/ul

RT: 6.76 min Scan# 641

Delta R.T. 0.01 min

Lab File: BM023602.D

Acq: 05 Nov 2019 11:49

Instrument :

BNA_M

ClientSampled :

BF6L8

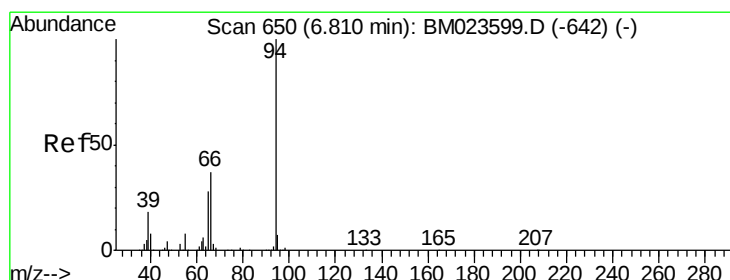
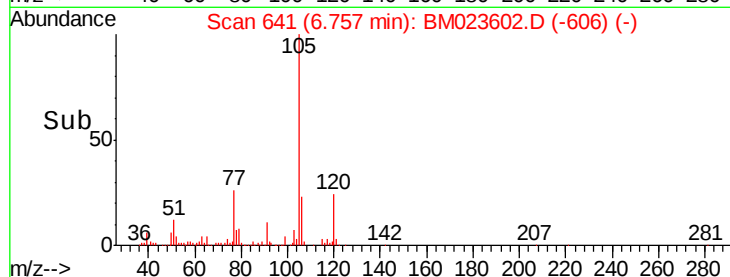
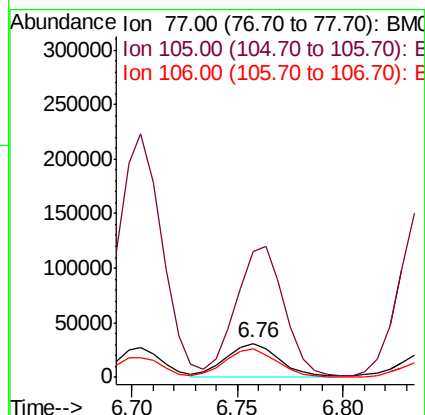
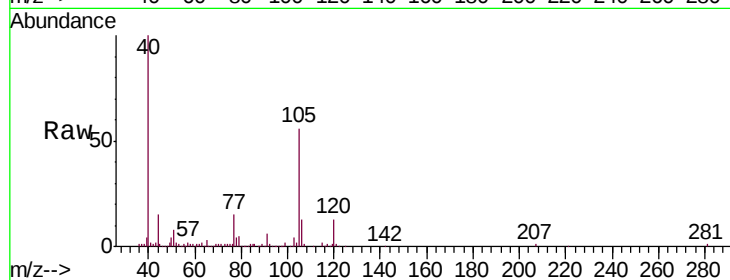
Tgt Ion: 77 Resp: 52690

Ion Ratio Lower Upper

77 100

105 371.4 75.4 113.2#

106 84.4 71.3 106.9



#6

Phenol

Concen: 3.625 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM023602.D

Acq: 05 Nov 2019 11:49

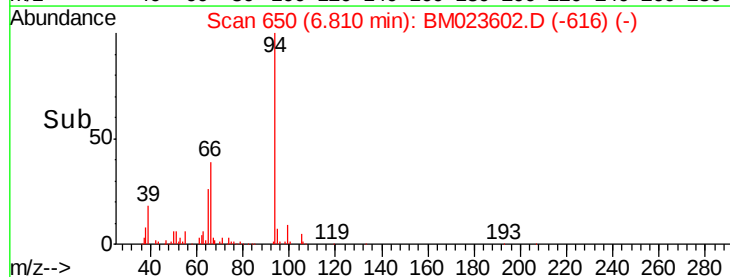
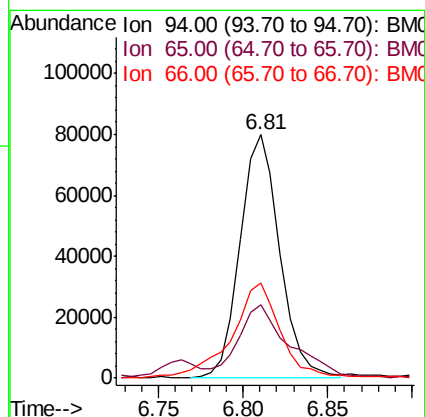
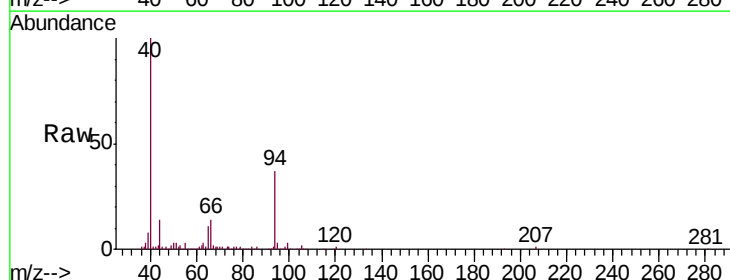
Tgt Ion: 94 Resp: 130663

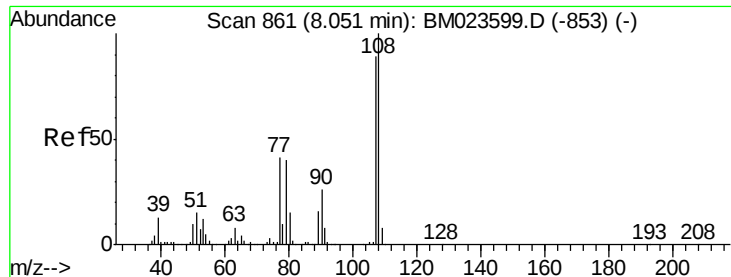
Ion Ratio Lower Upper

94 100

65 30.3 22.9 34.3

66 39.1 31.4 47.2

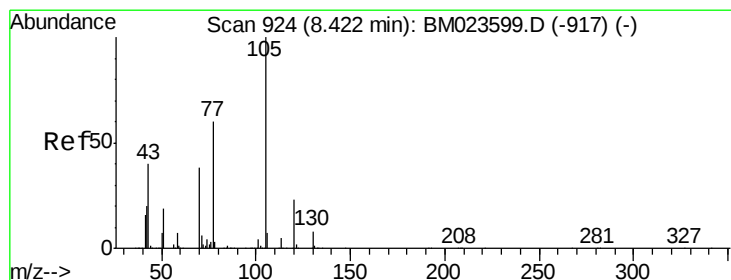
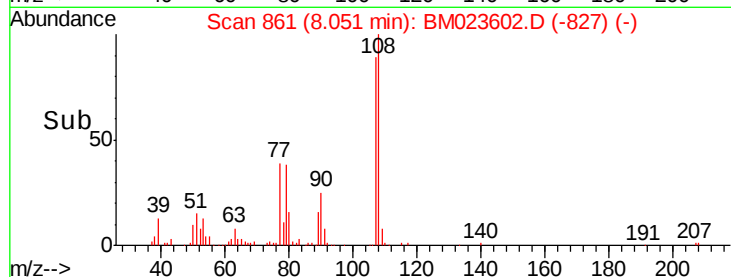
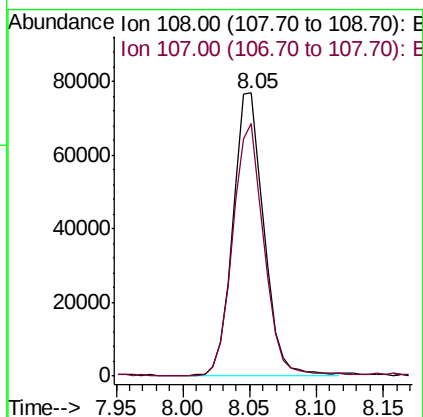
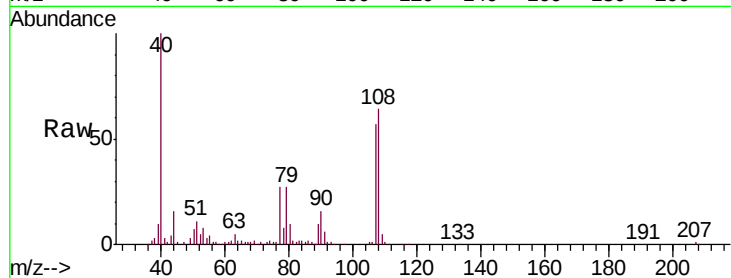




#11
 2-Methylphenol
 Concen: 4.525 ng/ul
 RT: 8.05 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BM023602.D
 Acq: 05 Nov 2019 11:49

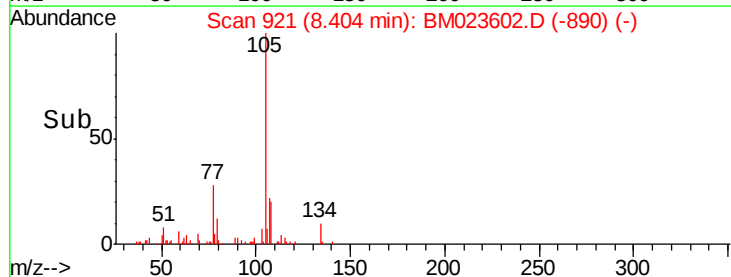
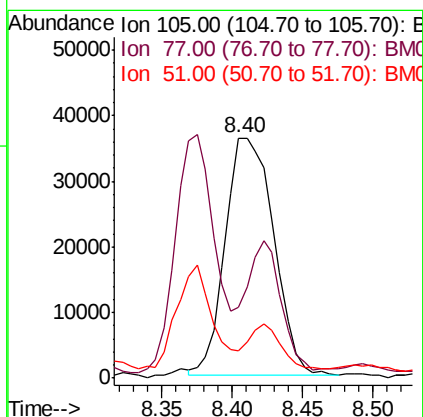
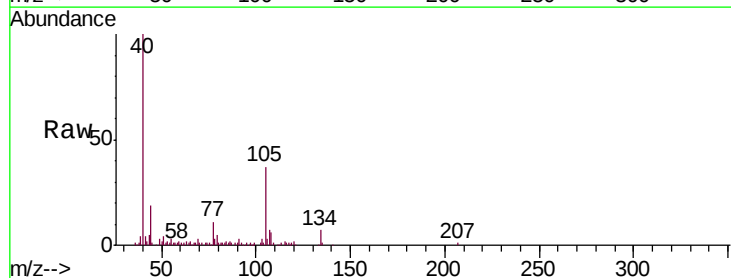
Instrument :
 BNA_M
 ClientSampleId :
 BF6L8

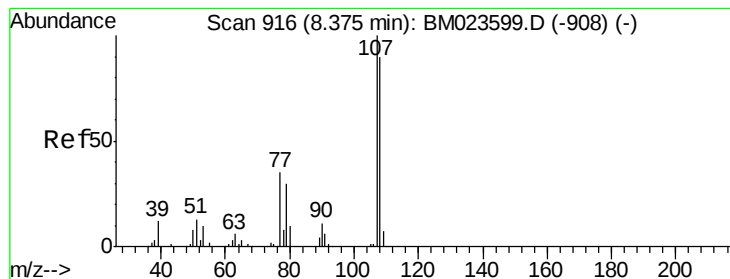
Tgt Ion:108 Resp: 124708
 Ion Ratio Lower Upper
 108 100
 107 89.2 70.6 106.0



#14
 Acetophenone
 Concen: 1.957 ng/ul
 RT: 8.40 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BM023602.D
 Acq: 05 Nov 2019 11:49

Tgt Ion:105 Resp: 86904
 Ion Ratio Lower Upper
 105 100
 77 29.7 64.8 97.2#
 51 11.6 21.3 31.9#





#16

4-Methylphenol

Concen: 6.162 ng/ul

RT: 8.37 min Scan# 916

Delta R.T. -0.00 min

Lab File: BM023602.D

Acq: 05 Nov 2019 11:49

Instrument :

BNA_M

ClientSampleId :

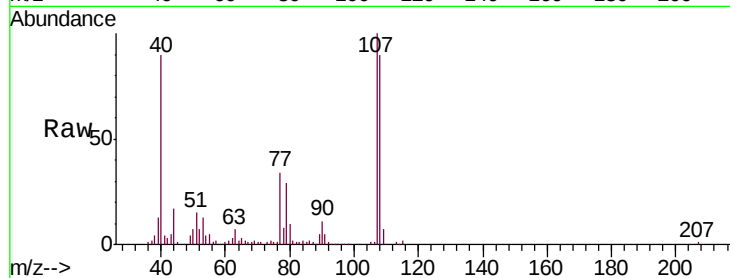
BF6L8

Tgt Ion:108 Resp: 186151

Ion Ratio Lower Upper

108 100

107 111.7 89.7 134.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.37

120000

100000

80000

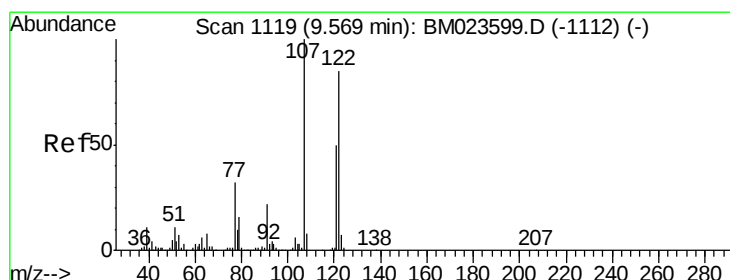
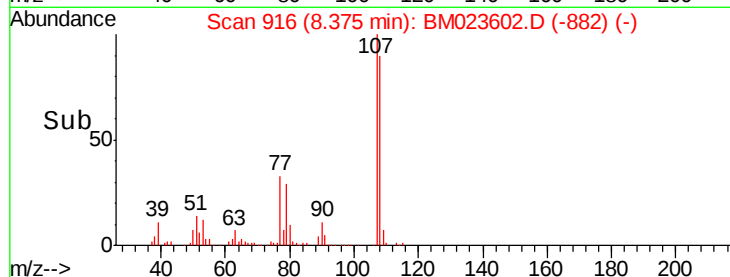
60000

40000

20000

0

Time-->



#24

2,4-Dimethylphenol

Concen: 10.931 ng/ul

RT: 9.57 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BM023602.D

Acq: 05 Nov 2019 11:49

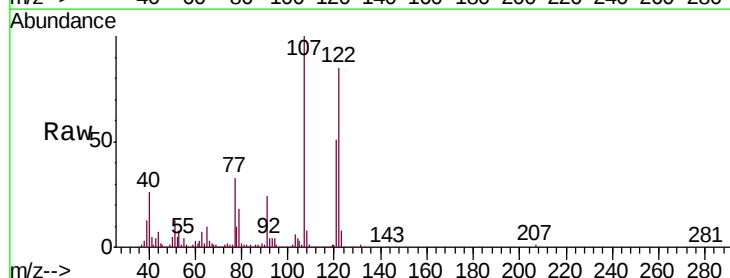
Tgt Ion:107 Resp: 354410

Ion Ratio Lower Upper

107 100

121 51.3 39.8 59.8

122 85.5 66.4 99.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

9.57

300000

250000

200000

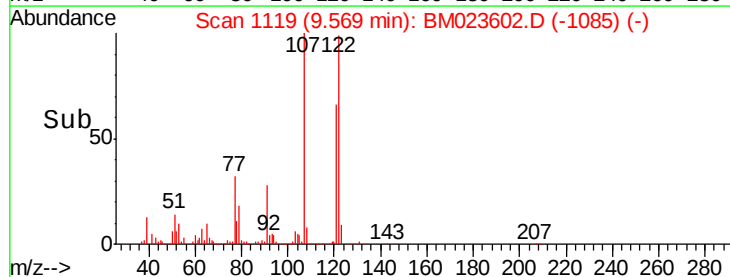
150000

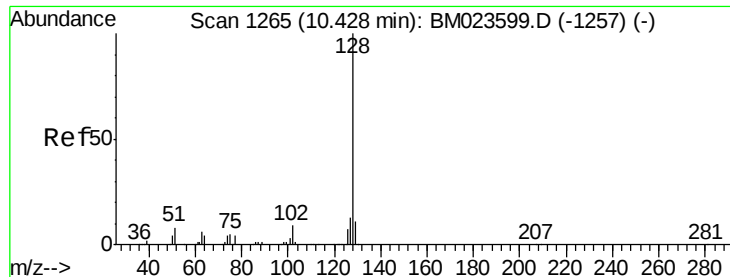
100000

50000

0

Time-->





#28

Naphthalene

Concen: 134.286 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BM023602.D

Acq: 05 Nov 2019 11:49

Instrument :

BNA_M

ClientSampleId :

BF6L8

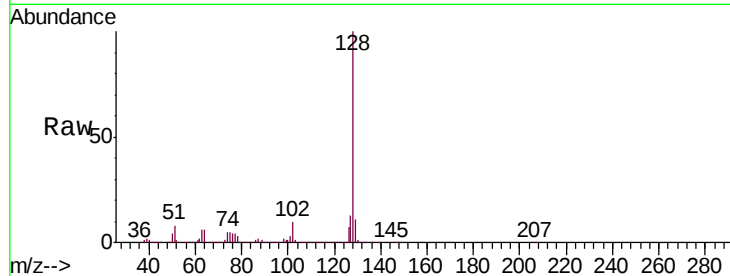
Tgt Ion:128 Resp:11842781

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

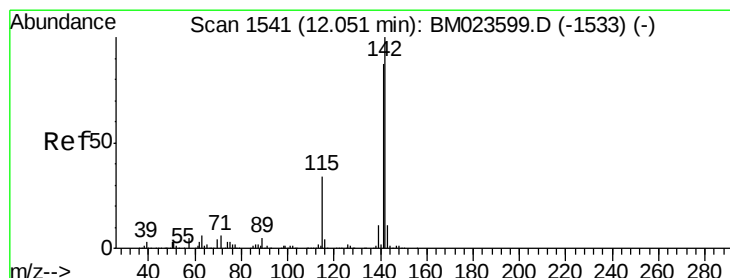
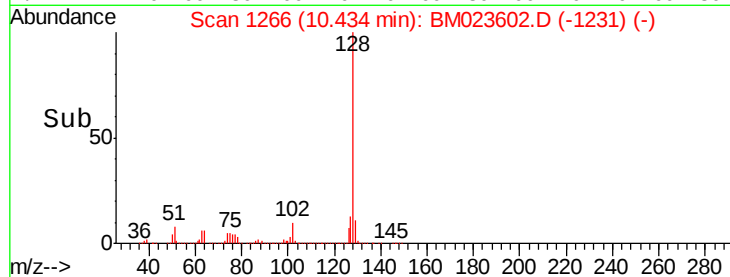
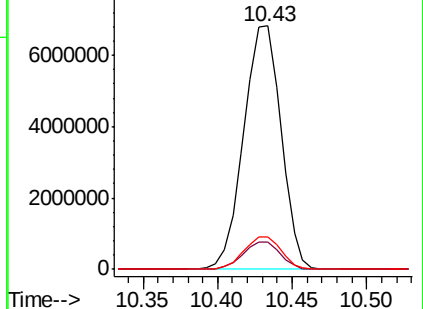
127 13.4 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 9.964 ng/ul

RT: 12.05 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BM023602.D

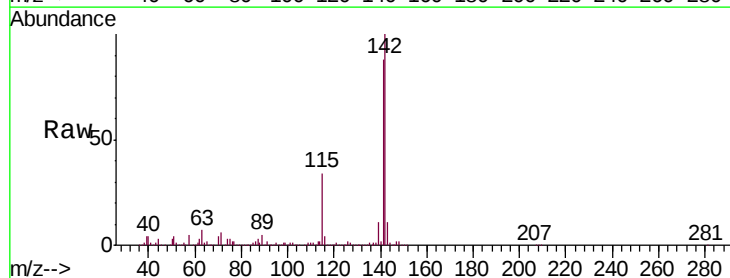
Acq: 05 Nov 2019 11:49

Tgt Ion:142 Resp: 671238

Ion Ratio Lower Upper

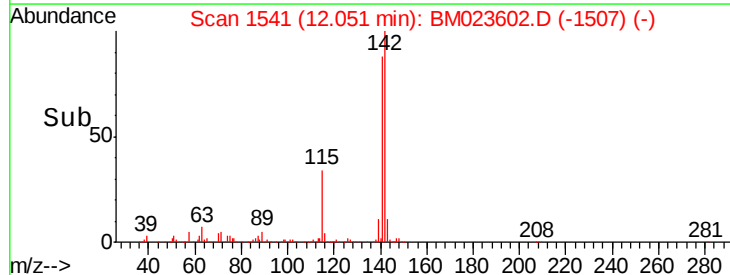
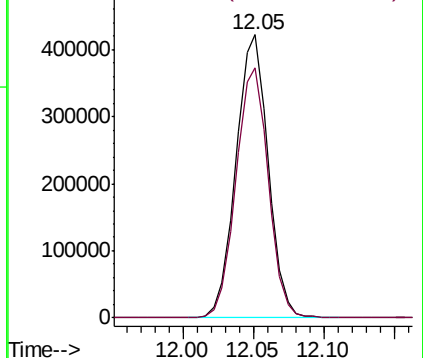
142 100

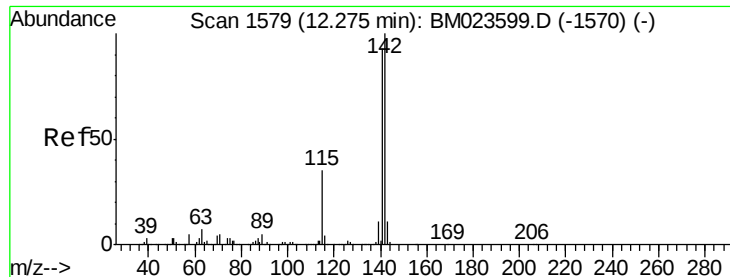
141 88.3 72.4 108.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

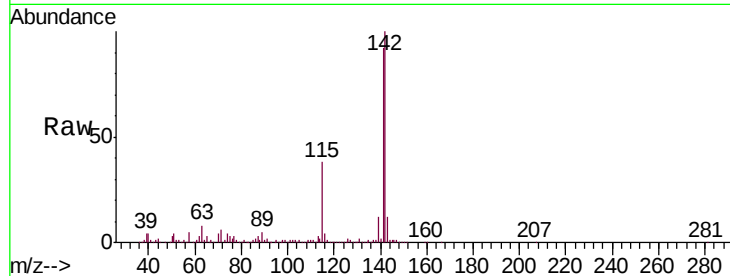




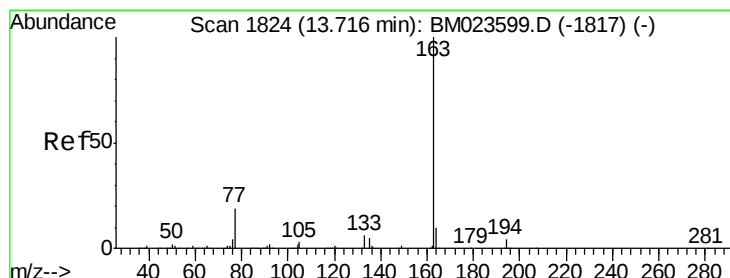
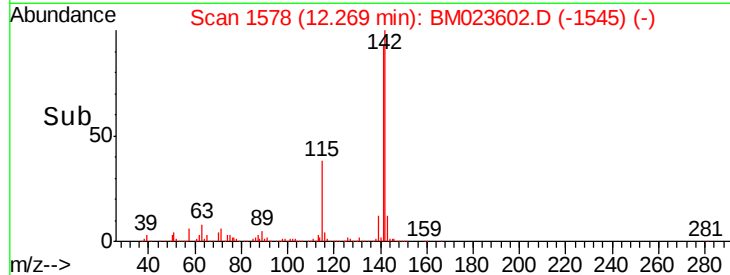
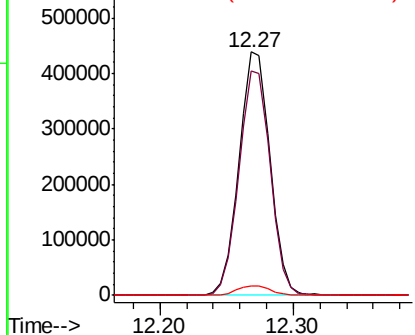
#35
 1-Methylnaphthalene
 Concen: 10.841 ng/ul
 RT: 12.27 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BM023602.D
 Acq: 05 Nov 2019 11:49

Instrument :
 BNA_M
 ClientSampleId :
 BF6L8

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.6	110.4
116	4.0	3.3	4.9

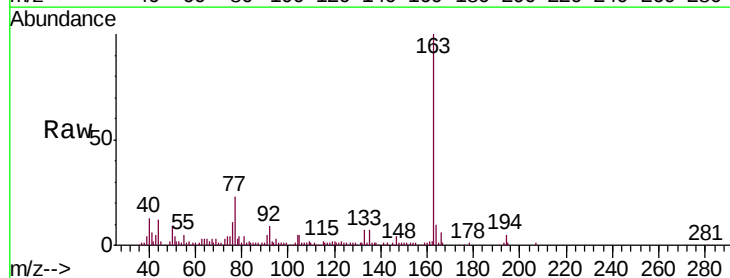


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

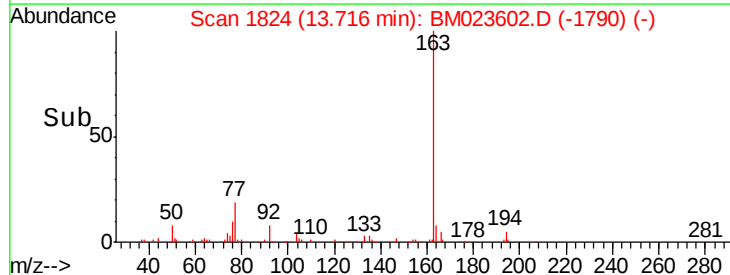
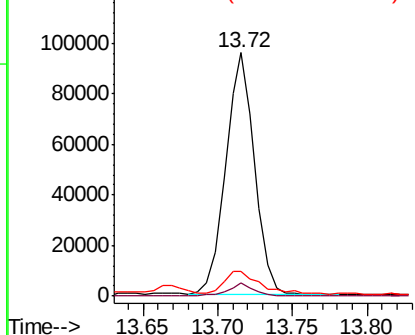


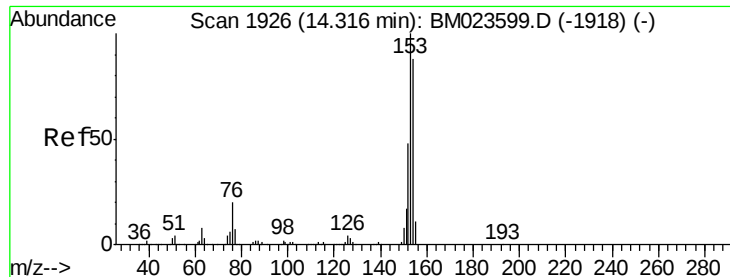
#45
 Dimethylphthalate
 Concen: 1.584 ng/ul
 RT: 13.72 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BM023602.D
 Acq: 05 Nov 2019 11:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.3	4.9#
164	10.4	7.9	11.9



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





#50

Acenaphthene

Concen: 6.593 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BM023602.D

Acq: 05 Nov 2019 11:49

Instrument :

BNA_M

ClientSampleId :

BF6L8

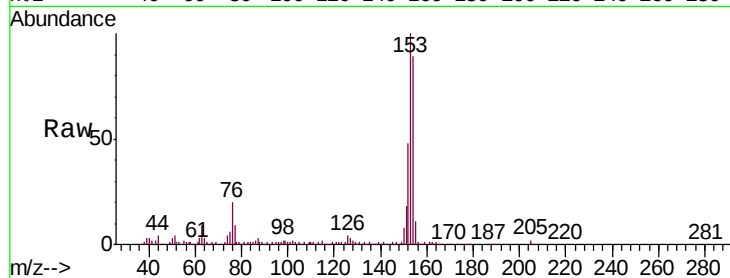
Tgt Ion:153 Resp: 446689

Ion Ratio Lower Upper

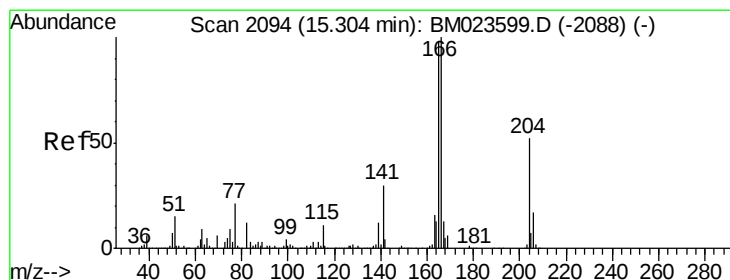
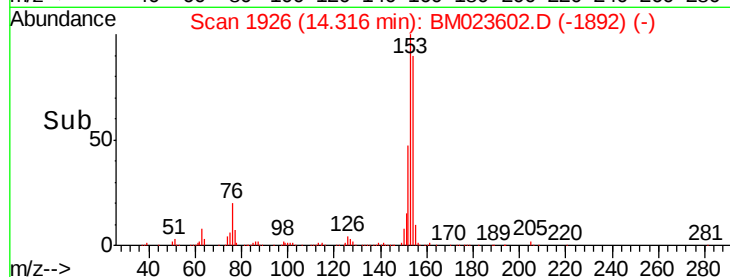
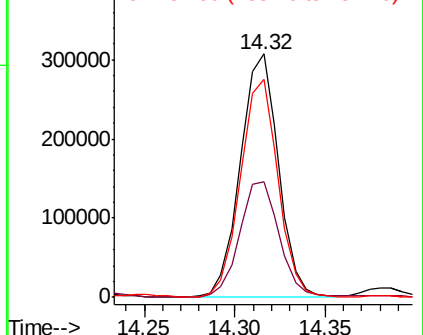
153 100

152 47.7 37.9 56.9

154 89.3 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#59

Fluorene

Concen: 2.487 ng/ul

RT: 15.30 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BM023602.D

Acq: 05 Nov 2019 11:49

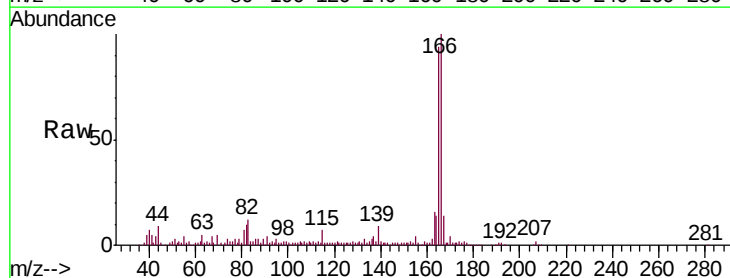
Tgt Ion:166 Resp: 196742

Ion Ratio Lower Upper

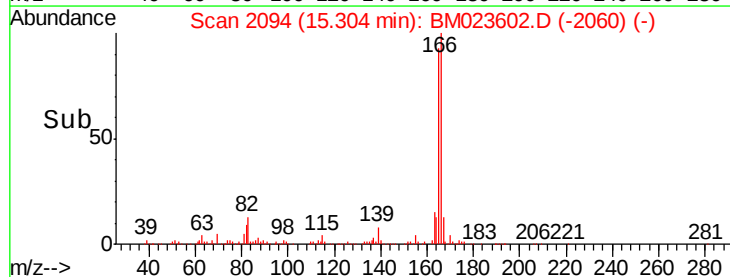
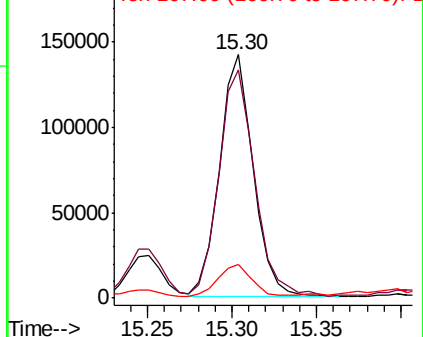
166 100

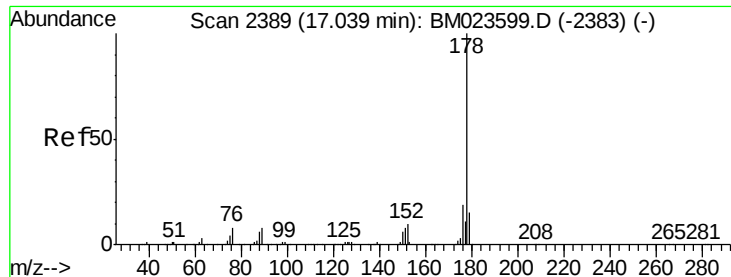
165 93.8 77.8 116.6

167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 4.297 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM023602.D

Acq: 05 Nov 2019 11:49

Instrument :

BNA_M

ClientSampleId :

BF6L8

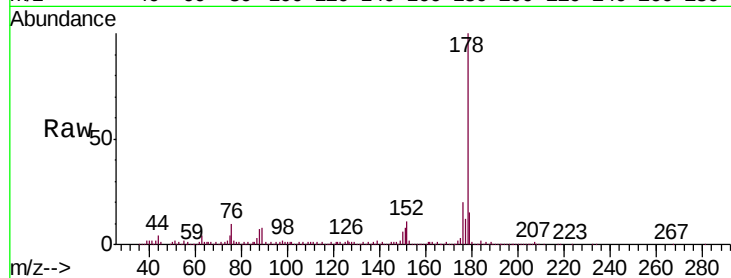
Tgt Ion:178 Resp: 556398

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

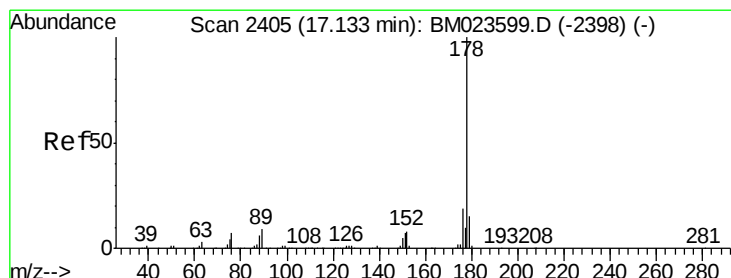
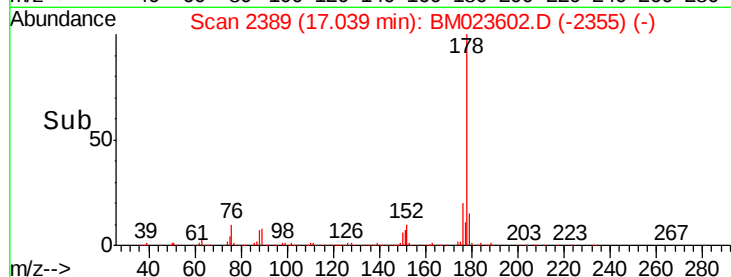
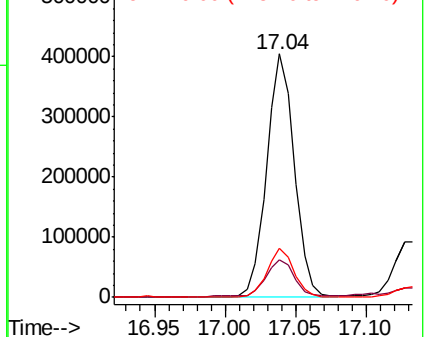
176 19.9 14.9 22.3



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: 1.013 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BM023602.D

Acq: 05 Nov 2019 11:49

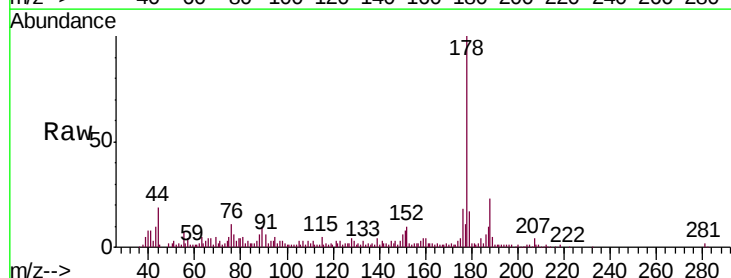
Tgt Ion:178 Resp: 132861

Ion Ratio Lower Upper

178 100

179 17.5 12.1 18.1

176 18.0 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

