

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023065.D
 Acq On : 09 Oct 2019 03:35
 Operator : JU
 Sample : K5028-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDK2

Quant Time: Oct 09 07:03:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 05:18:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	191983	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	796854	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	465821	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	891312	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	873831	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	1031333	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	20550	4.63	ng/uL	0.00
5) Phenol-d5	6.94	99	70289	4.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	166381	17.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	202199	14.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	129616	9.33	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	115629	18.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	121589	18.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	236437	17.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	252577	15.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	778184	21.52	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	841687	20.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	25181	3.53	ng/ul	0.00
58) Fluorene-d10	15.40	176	647630	21.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	98590	17.00	ng/ul	0.00
71) Anthracene-d10	17.25	188	1012867	23.27	ng/ul	0.00
79) Pyrene-d10	19.54	212	1121226	23.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1272384	23.85	ng/ul	0.00

Target Compounds

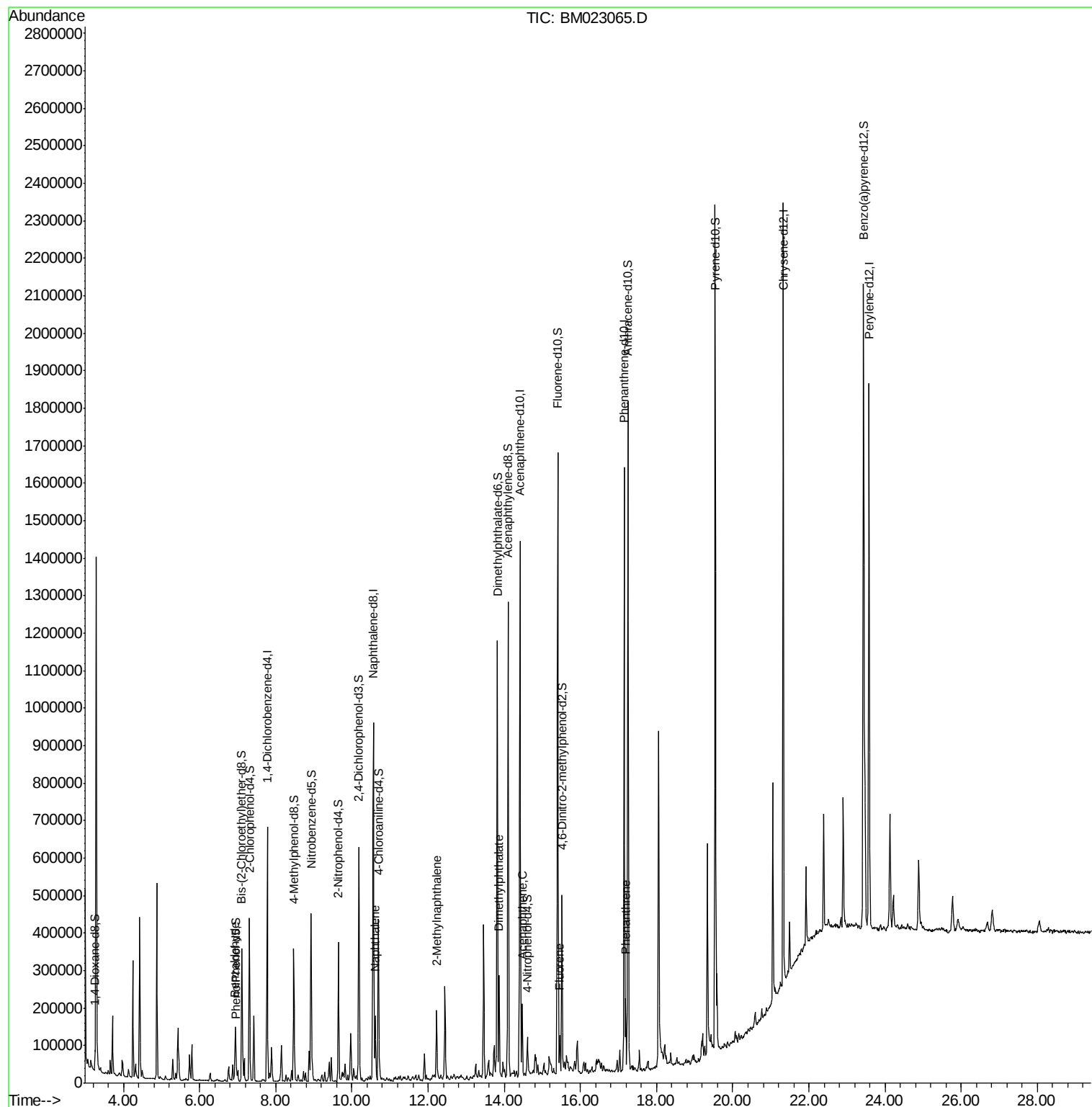
					Ovalue	
4) Benzaldehyde	6.92	77	9248	1.203	ng/ul#	1
6) Phenol	6.97	94	18890	1.062	ng/ul	97
28) Naphthalene	10.61	128	126032	2.929	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	88808	2.752	ng/ul	100
45) Dimethylphthalate	13.87	163	179945	4.845	ng/ul	100
50) Acenaphthene	14.47	153	76033	2.422	ng/ul	100
59) Fluorene	15.46	166	41442	1.144	ng/ul	97
70) Phenanthrene	17.19	178	106727	2.006	ng/ul	99

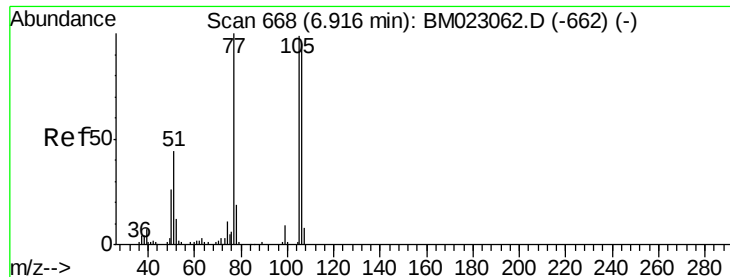
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.203 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM023065.D

Acq: 09 Oct 2019 03:35

Instrument :

BNA_M

ClientSampleId :

BFDK2

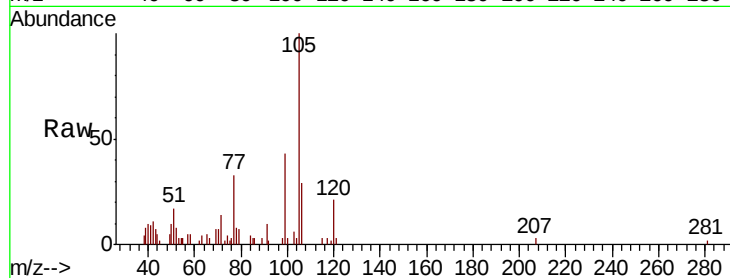
Tot Ion: 77 Resp: 9248

Ion Ratio Lower Upper

77 100

105 305.8 80.6 120.8#

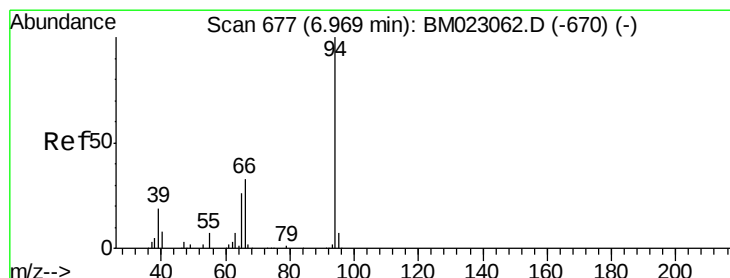
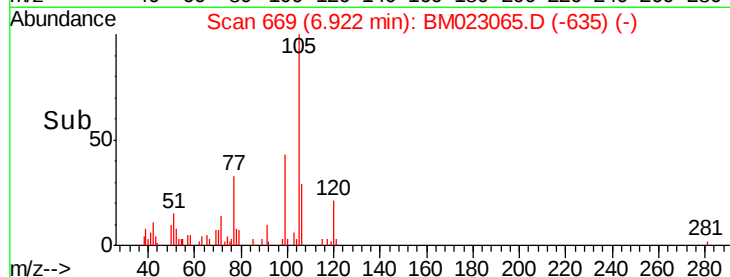
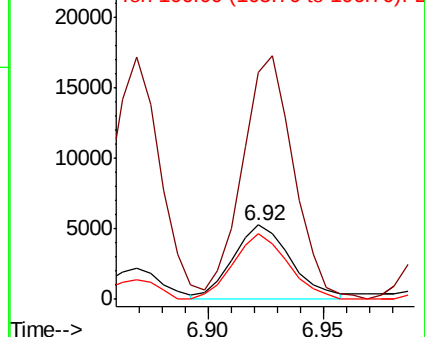
106 89.2 77.0 115.6



Abundance Ion 77.00 (76.70 to 77.70): BM023065.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM023065.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM023065.D (-635) (-)



#6

Phenol

Concen: 1.062 ng/ul

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM023065.D

Acq: 09 Oct 2019 03:35

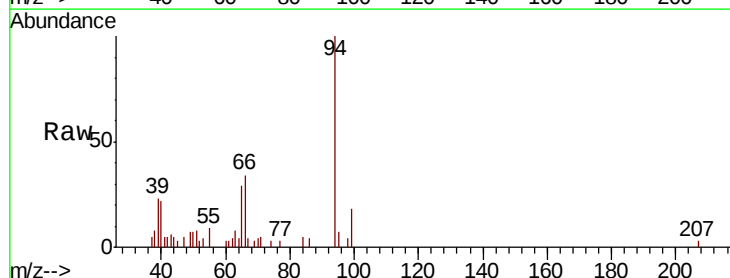
Tgt Ion: 94 Resp: 18890

Ion Ratio Lower Upper

94 100

65 29.5 20.9 31.3

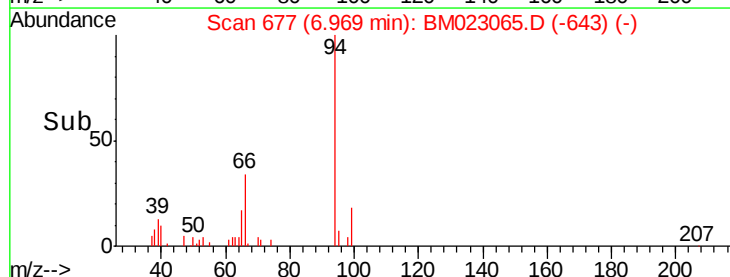
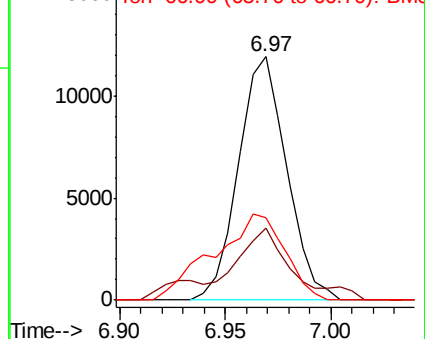
66 33.6 27.2 40.8

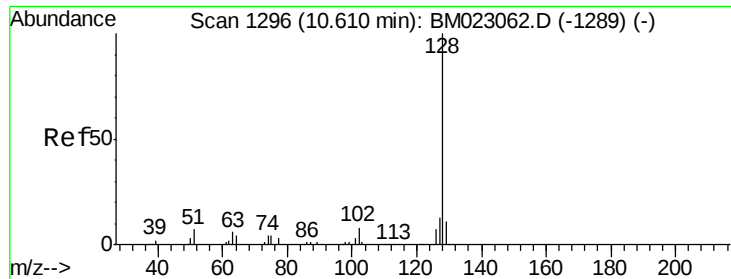


Abundance Ion 94.00 (93.70 to 94.70): BM023065.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM023065.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM023065.D (-643) (-)





#28

Naphthalene

Concen: 2.929 ng/ul

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM023065.D

Acq: 09 Oct 2019 03:35

Instrument :

BNA_M

ClientSampleId :

BFDK2

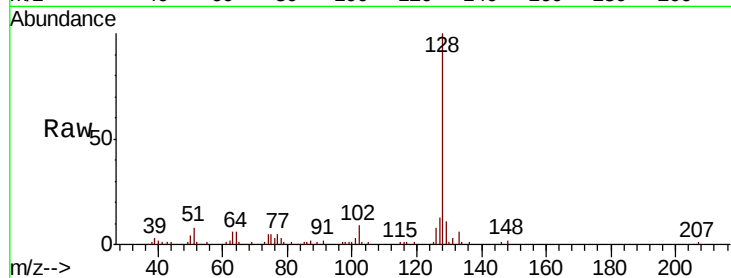
Tot Ion:128 Resp: 126032

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

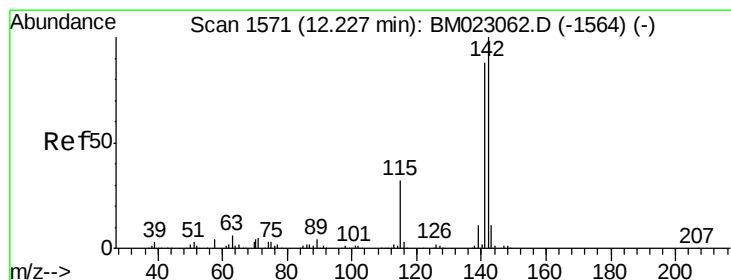
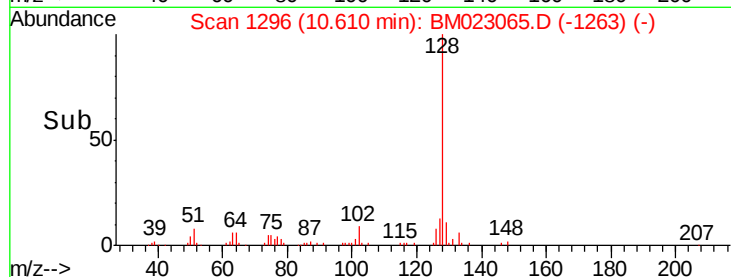
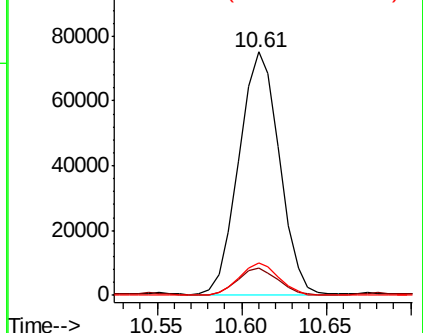
127 13.5 10.2 15.4



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: 2.752 ng/ul

RT: 12.23 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BM023065.D

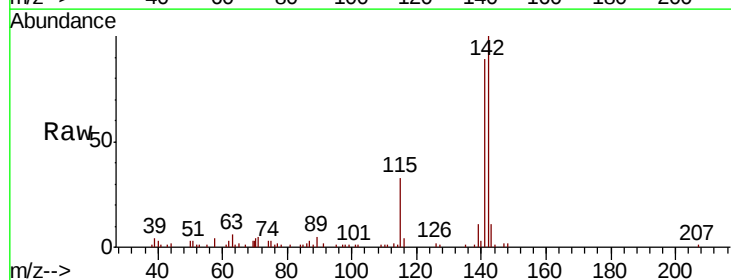
Acq: 09 Oct 2019 03:35

Tgt Ion:142 Resp: 88808

Ion Ratio Lower Upper

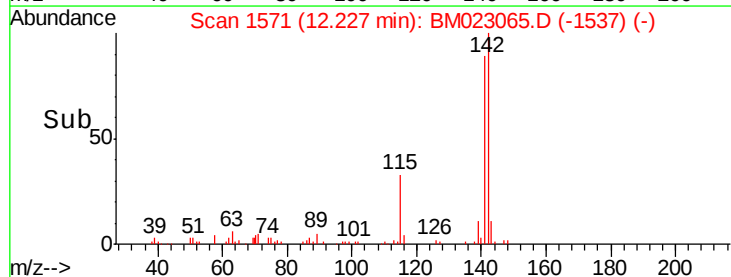
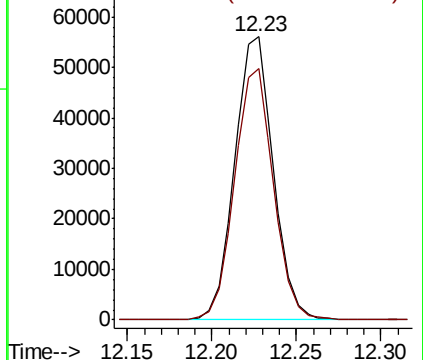
142 100

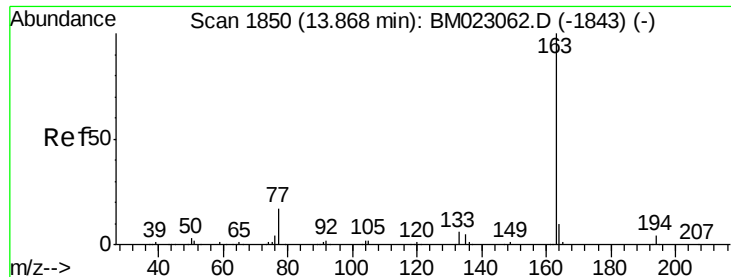
141 89.0 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#45

Dimethylphthalate

Concen: 4.845 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM023065.D

Acq: 09 Oct 2019 03:35

Instrument :

BNA_M

ClientSampleId :

BFDK2

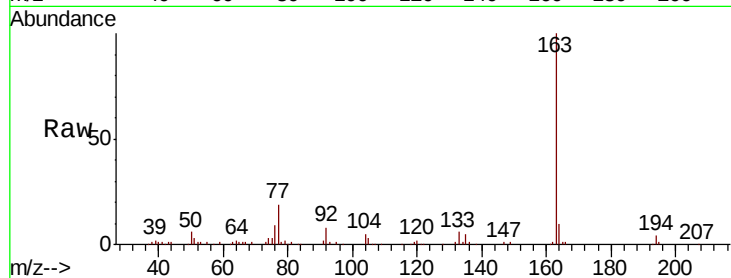
Tot Ion:163 Resp: 179945

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

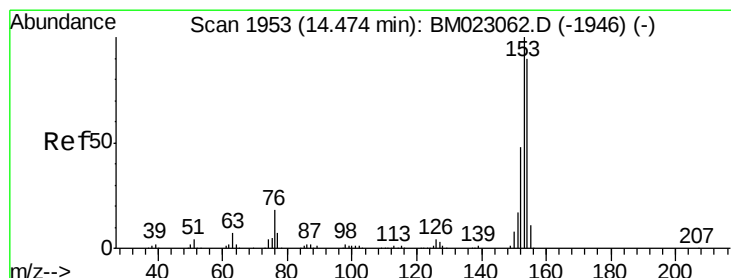
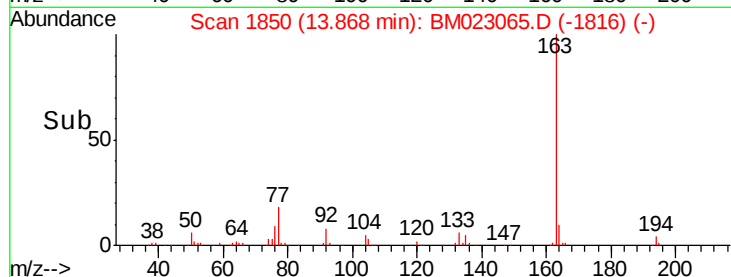
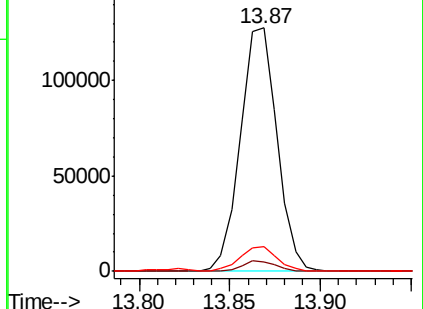
164 10.1 8.1 12.1



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



#50

Acenaphthene

Concen: 2.422 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM023065.D

Acq: 09 Oct 2019 03:35

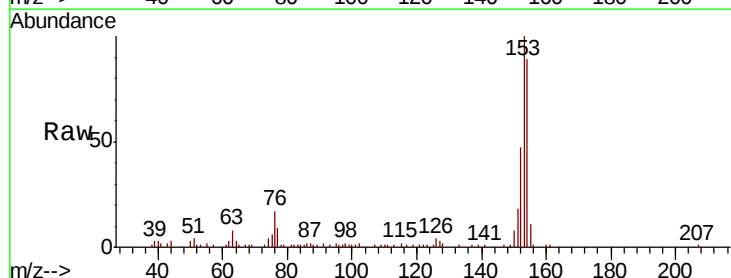
Tgt Ion:153 Resp: 76033

Ion Ratio Lower Upper

153 100

152 47.5 38.1 57.1

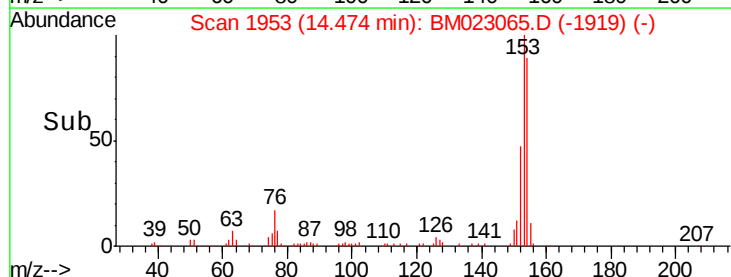
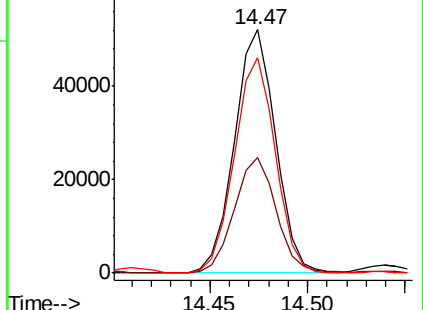
154 88.5 71.1 106.7

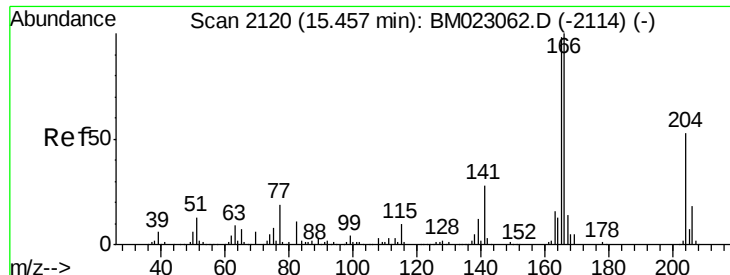


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#59

Fluorene

Concen: 1.144 ng/ul

RT: 15.46 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM023065.D

Acq: 09 Oct 2019 03:35

Instrument :

BNA_M

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BFDK2

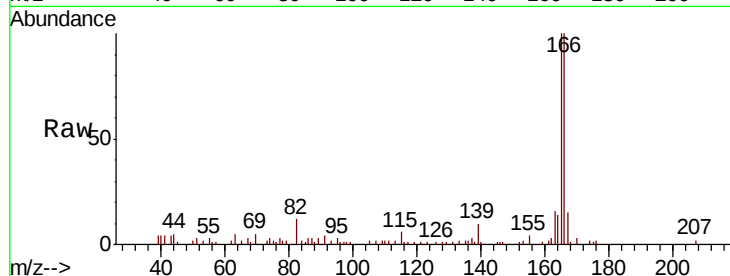
Tot Ion:166 Resp: 41442

Ion Ratio Lower Upper

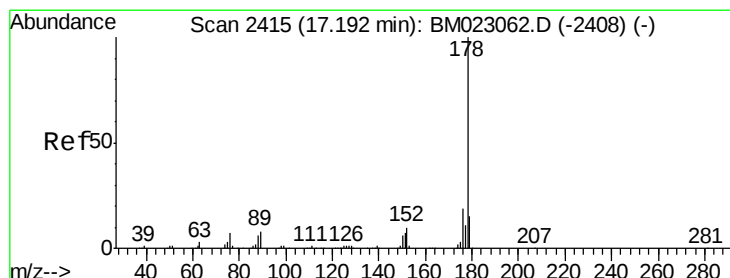
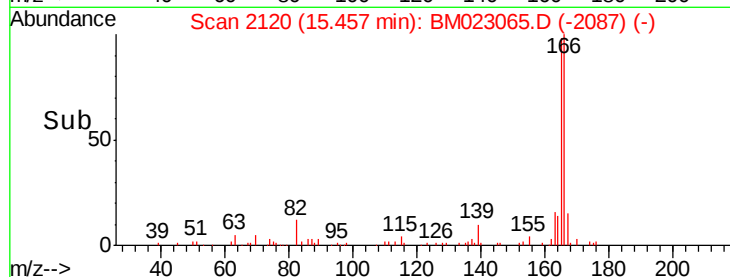
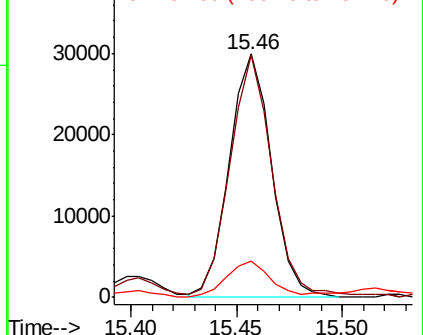
166 100

165 99.6 77.7 116.5

167 14.9 11.0 16.4



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: 2.006 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM023065.D

Acq: 09 Oct 2019 03:35

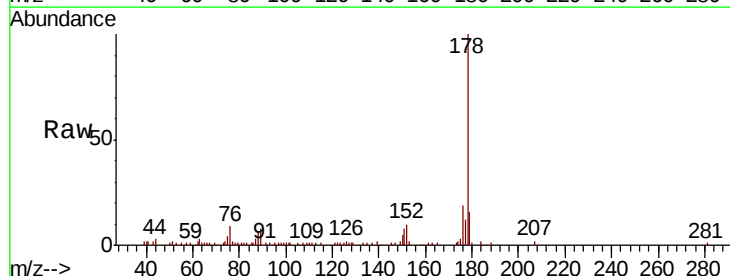
Tgt Ion:178 Resp: 106727

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 18.5 15.3 22.9



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

