

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023068.D
 Acq On : 09 Oct 2019 05:23
 Operator : JU
 Sample : K5028-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDK5

Quant Time: Oct 09 06:52:09 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	7.78	152	178111	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	742922	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	431760	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	840329	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	847973	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	993393	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	19247	4.67	ng/uL	0.00
5) Phenol-d5	6.94	99	87683	5.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	198936	23.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	247241	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	161598	12.54	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	144839	25.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	156831	25.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	294002	23.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	289340	19.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	902034	26.92	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	1024398	26.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	31279	4.72	ng/ul	0.00
58) Fluorene-d10	15.40	176	751039	26.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	87970	16.09	ng/ul	0.00
71) Anthracene-d10	17.25	188	1155394	28.16	ng/ul	0.00
79) Pyrene-d10	19.54	212	1313191	28.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1487010	28.94	ng/ul	-0.01

Target Compounds

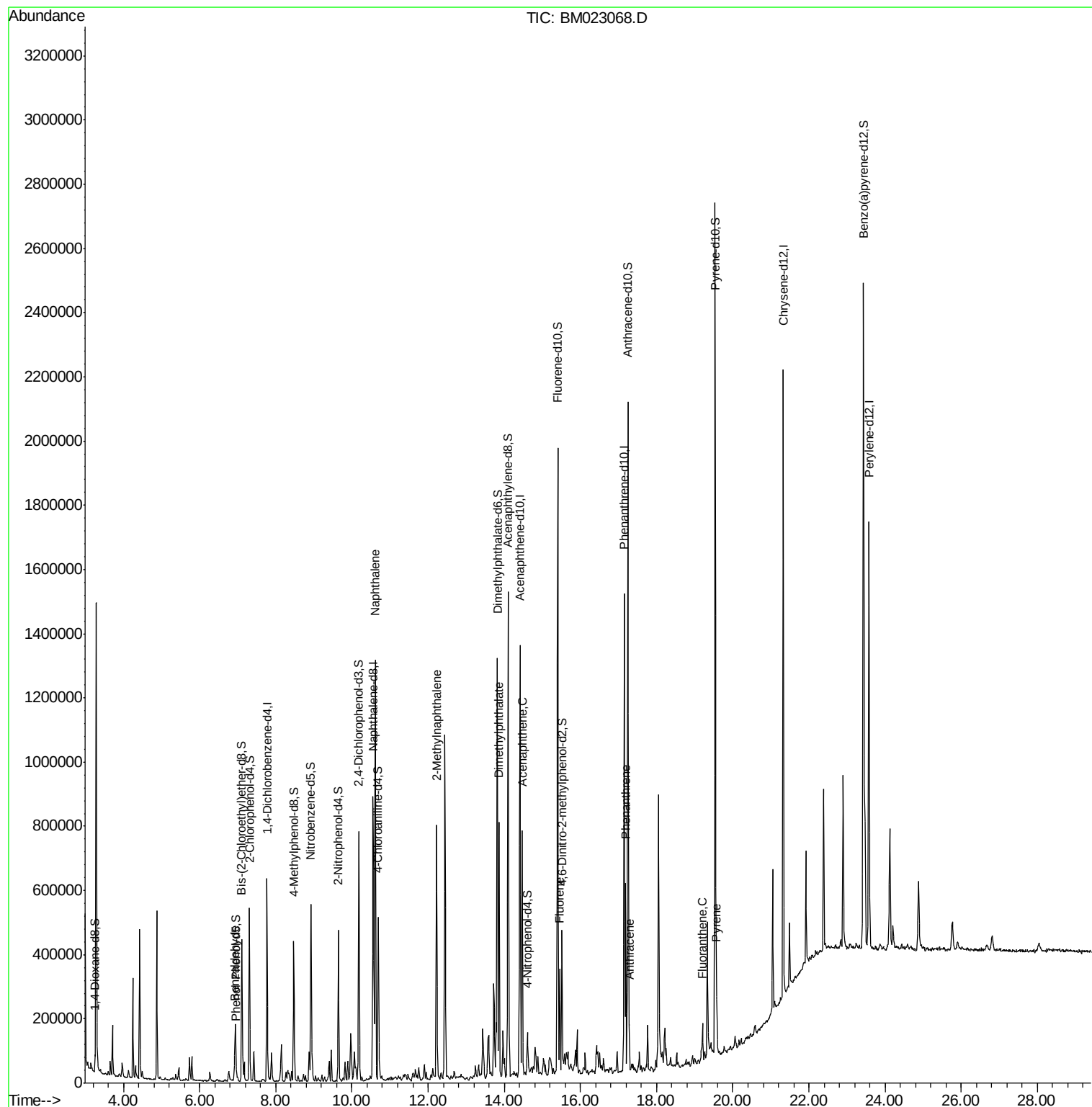
					Ovalue
4) Benzaldehyde	6.92	77	23221	3.256	ng/ul# 76
6) Phenol	6.97	94	17230	1.044	ng/ul 99
28) Naphthalene	10.61	128	1052224	26.225	ng/ul 100
34) 2-Methylnaphthalene	12.22	142	387111	12.868	ng/ul 98
45) Dimethylphthalate	13.86	163	504675	14.661	ng/ul 100
50) Acenaphthene	14.47	153	311886	10.720	ng/ul 100
59) Fluorene	15.46	166	136272	4.058	ng/ul 98
70) Phenanthrene	17.19	178	337915	6.738	ng/ul 100
72) Anthracene	17.28	178	77182	1.510	ng/ul 99
77) Fluoranthene	19.20	202	60553	1.074	ng/ul 98
80) Pyrene	19.57	202	71282	1.186	ng/ul 97

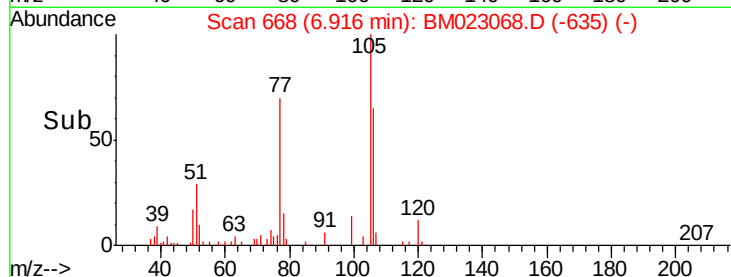
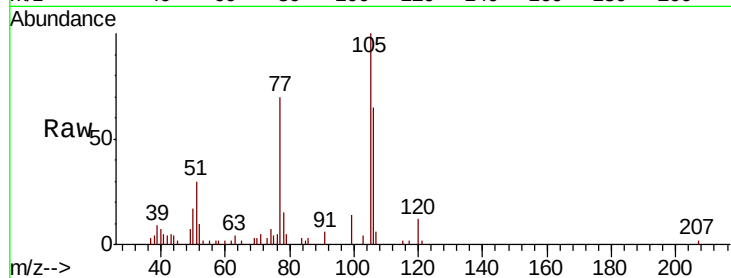
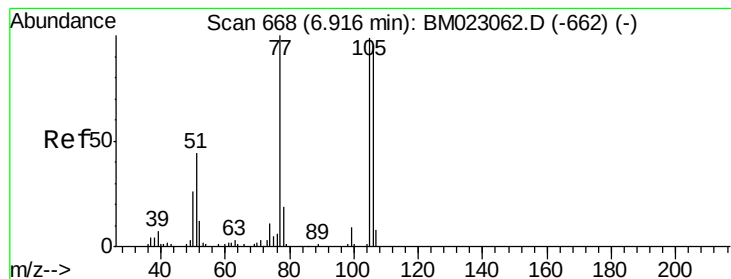
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyd

Concen: 3.256 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM023068.D

Acq: 09 Oct 2019 05:23

Instrument :

BNA_M

ClientSampled :

BFDK5

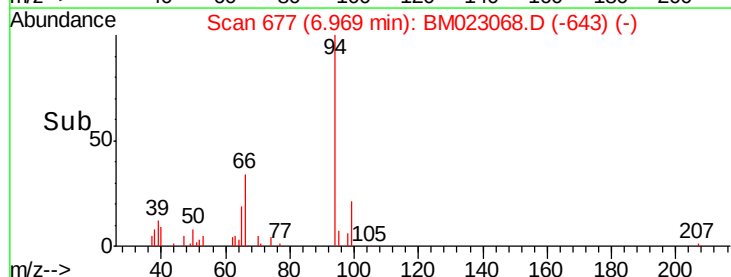
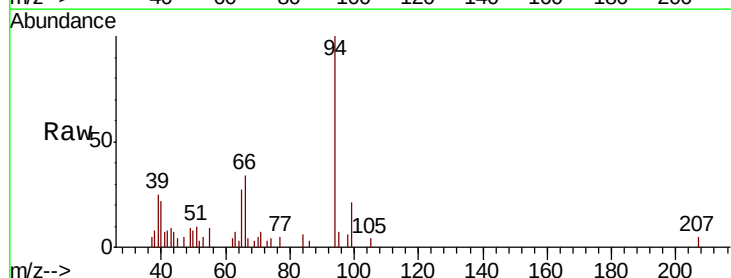
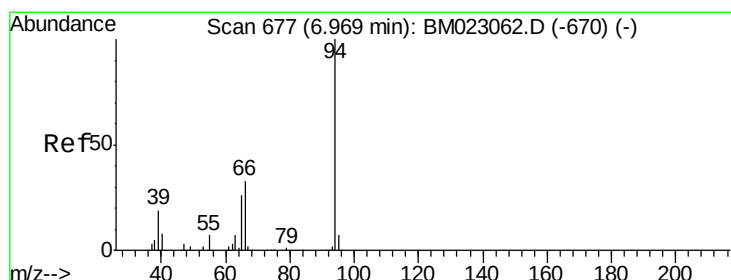
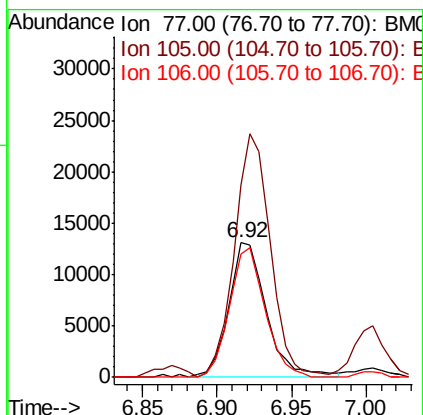
Tot Ion: 77 Resp: 23221

Ion Ratio Lower Upper

77 100

105 142.9 80.6 120.8#

106 92.2 77.0 115.6



#6

Phenol

Concen: 1.044 ng/ul

RT: 6.97 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM023068.D

Acq: 09 Oct 2019 05:23

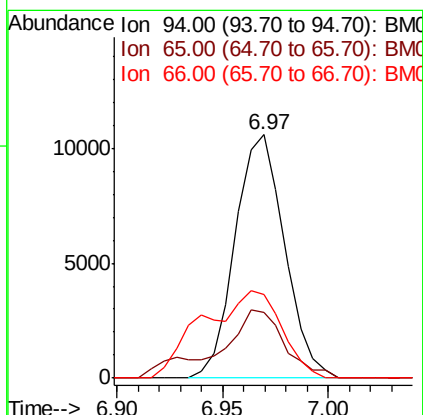
Tgt Ion: 94 Resp: 17230

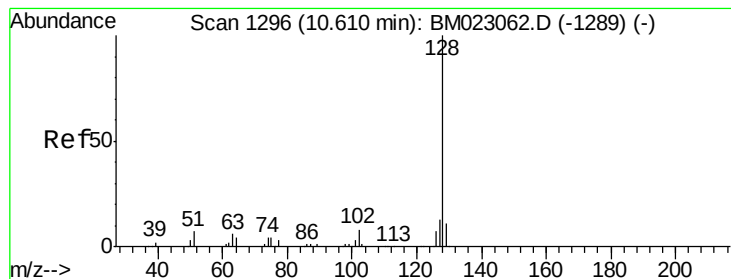
Ion Ratio Lower Upper

94 100

65 26.8 20.9 31.3

66 34.4 27.2 40.8





#28

Naphthalene

Concen: 26.225 ng/ul

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM023068.D

Acq: 09 Oct 2019 05:23

Instrument :

BNA_M

ClientSampleId :

BFDK5

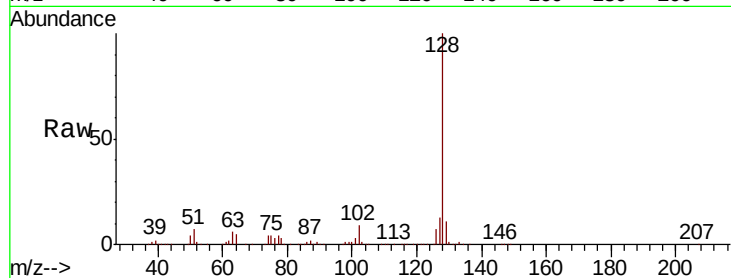
Tot Ion:128 Resp: 1052224

Ion Ratio Lower Upper

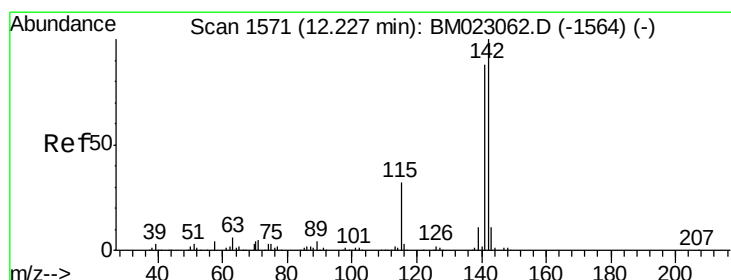
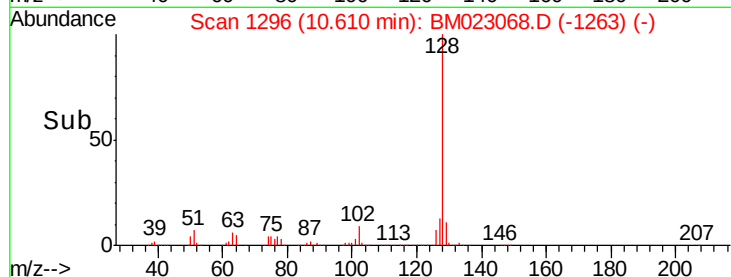
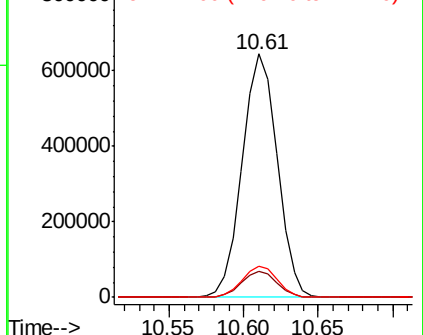
128 100

129 10.9 8.6 13.0

127 12.8 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: 12.868 ng/ul

RT: 12.22 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BM023068.D

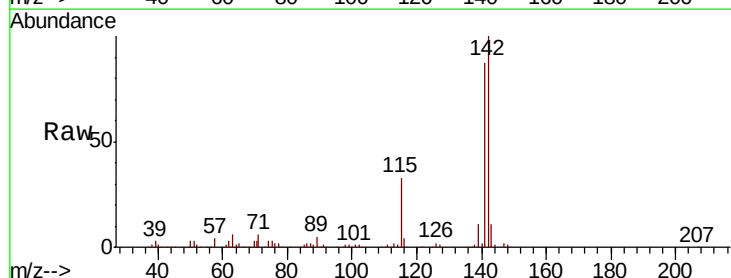
Acq: 09 Oct 2019 05:23

Tgt Ion:142 Resp: 387111

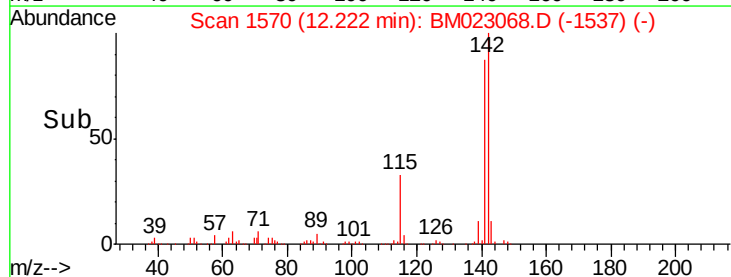
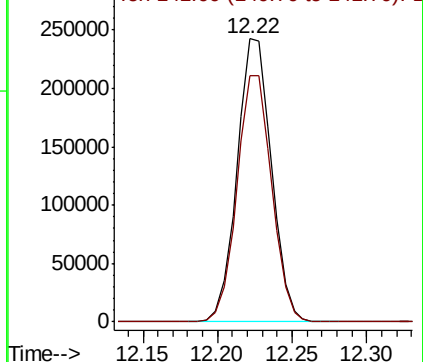
Ion Ratio Lower Upper

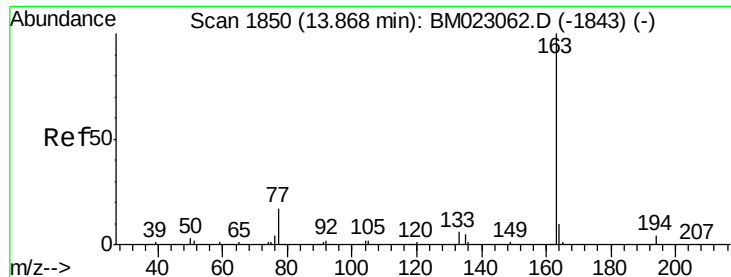
142 100

141 86.9 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: 14.661 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM023068.D

Acq: 09 Oct 2019 05:23

Instrument :

BNA_M

ClientSampleID :

BFDK5

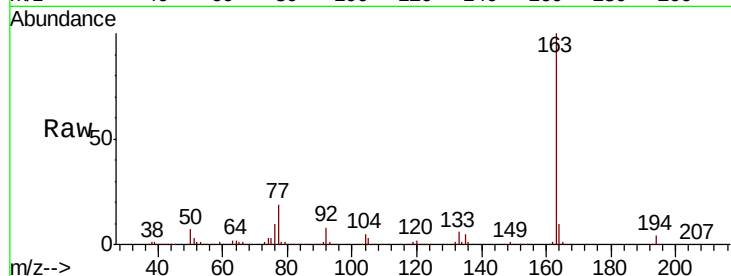
Tot Ion:163 Resp: 504675

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

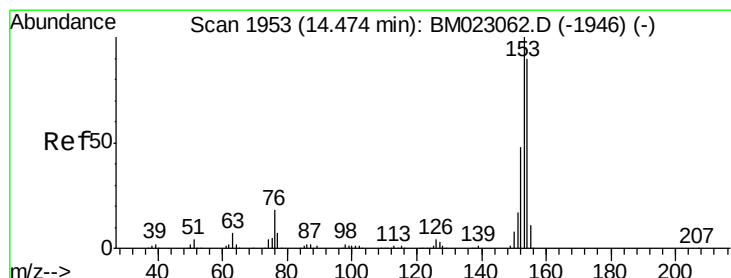
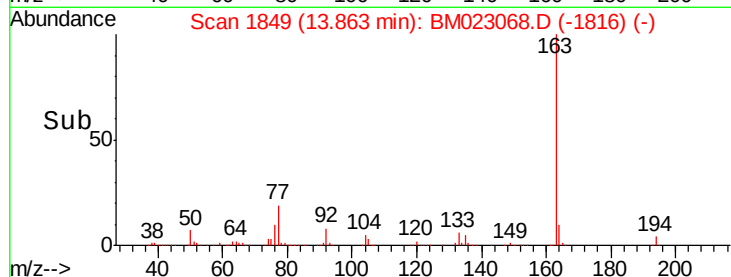
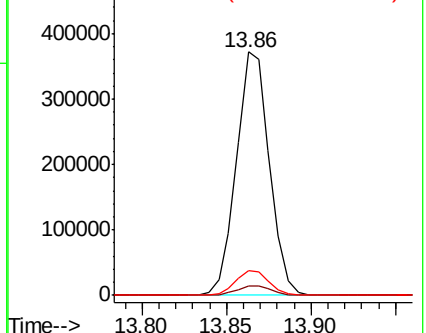
164 10.1 8.1 12.1



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: 10.720 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BM023068.D

Acq: 09 Oct 2019 05:23

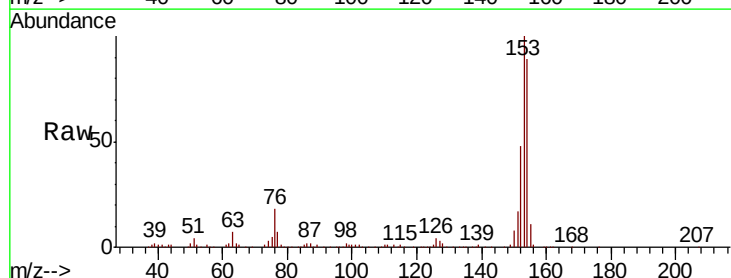
Tgt Ion:153 Resp: 311886

Ion Ratio Lower Upper

153 100

152 47.8 38.1 57.1

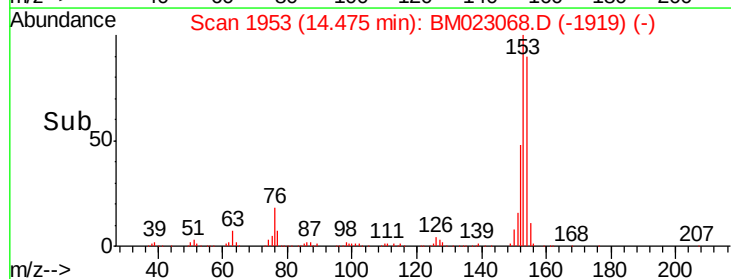
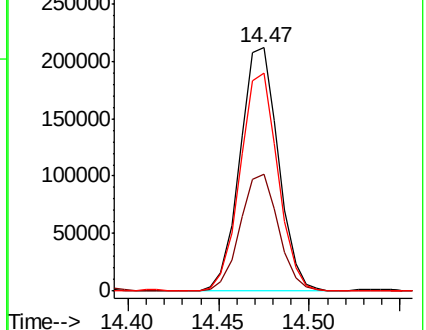
154 89.5 71.1 106.7

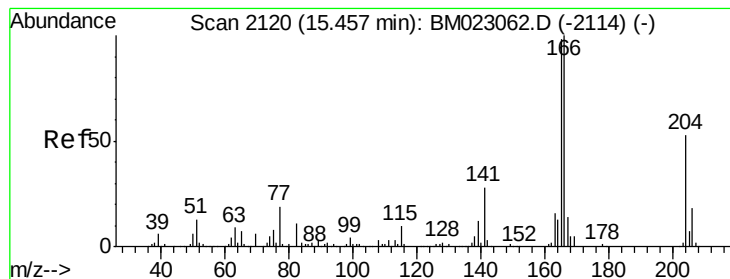


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#59

Fluorene

Concen: 4.058 ng/ul

RT: 15.46 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM023068.D

Acq: 09 Oct 2019 05:23

Instrument :

BNA_M

ClientSampleId :

BFDK5

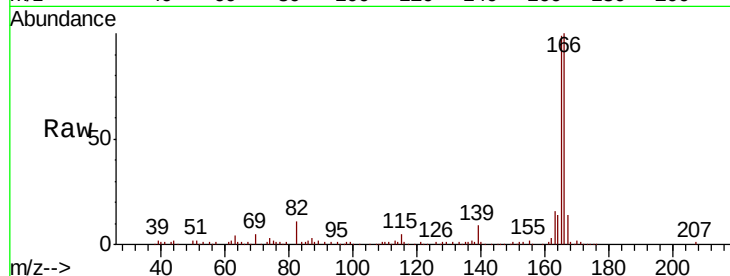
Tot Ion:166 Resp: 136272

Ion Ratio Lower Upper

166 100

165 98.9 77.7 116.5

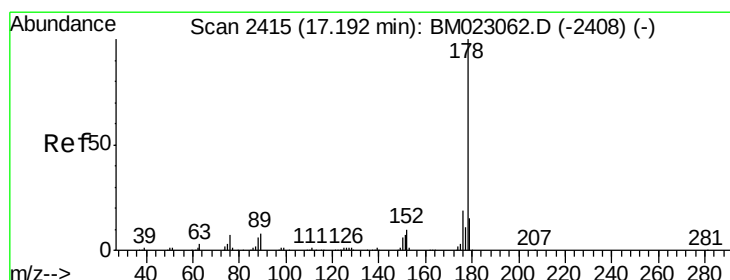
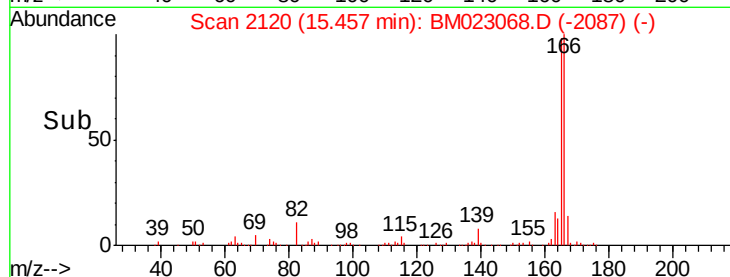
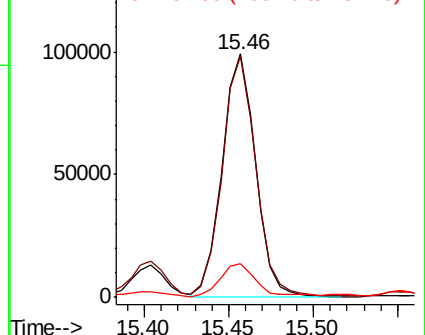
167 13.8 11.0 16.4



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: 6.738 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BM023068.D

Acq: 09 Oct 2019 05:23

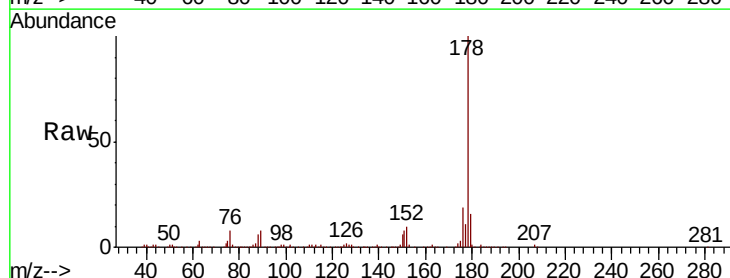
Tgt Ion:178 Resp: 337915

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

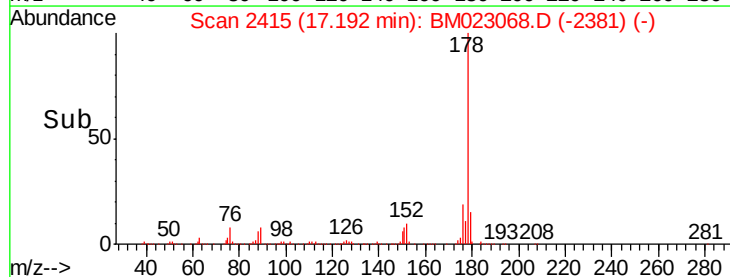
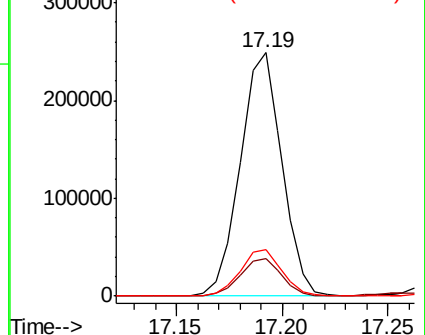
176 19.3 15.3 22.9

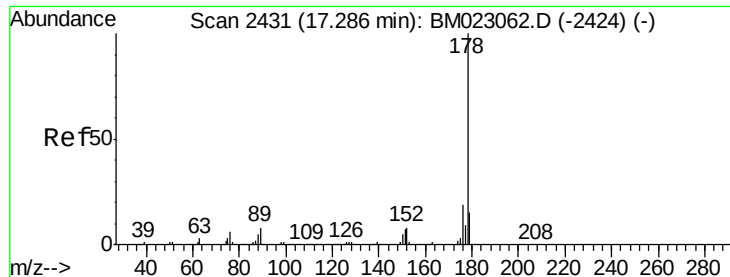


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.510 ng/ul

RT: 17.28 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BM023068.D

Acq: 09 Oct 2019 05:23

Instrument :

BNA_M

ClientSampleId :

BFDK5

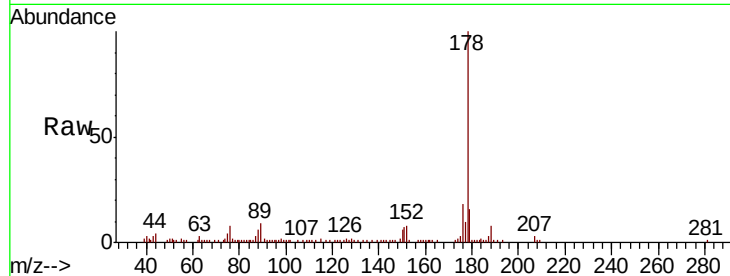
Tot Ion:178 Resp: 77182

Ion Ratio Lower Upper

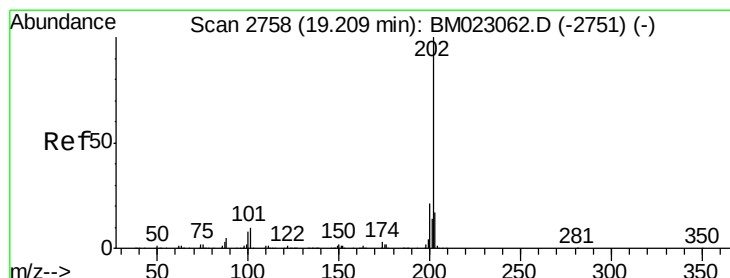
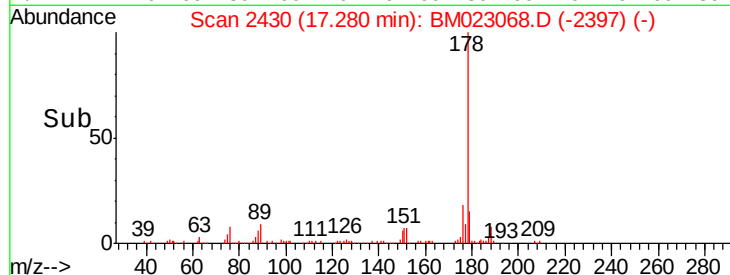
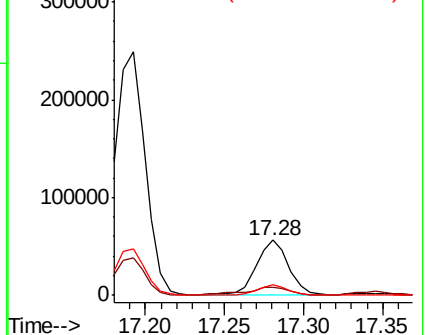
178 100

179 15.6 12.4 18.6

176 18.4 15.0 22.6



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: 1.074 ng/ul

RT: 19.20 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM023068.D

Acq: 09 Oct 2019 05:23

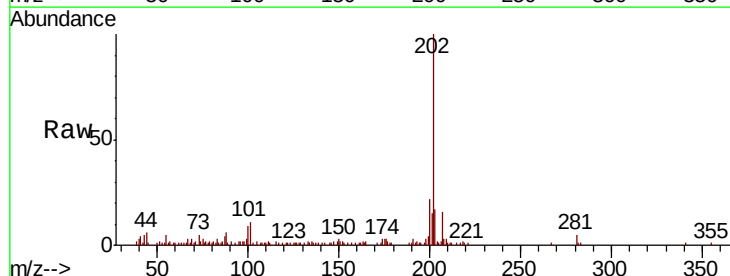
Tgt Ion:202 Resp: 60553

Ion Ratio Lower Upper

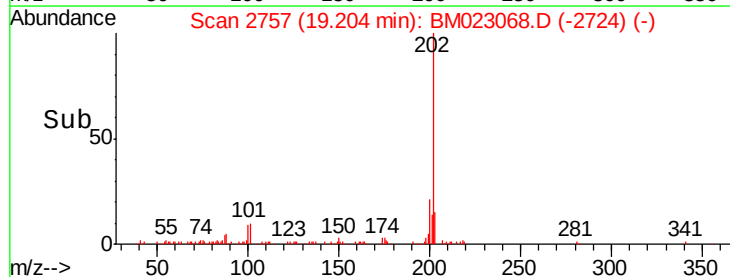
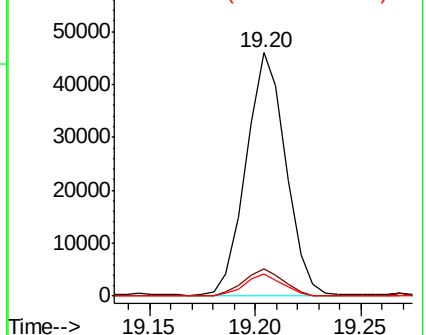
202 100

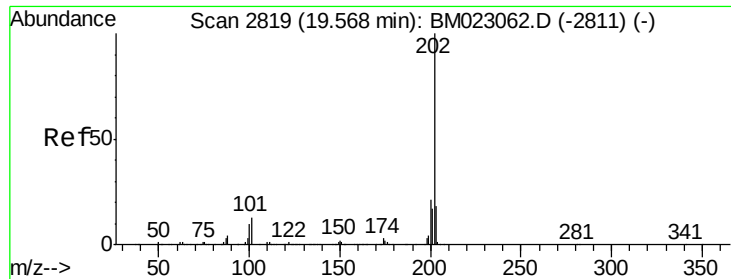
101 11.0 8.6 12.8

100 9.0 6.4 9.6



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

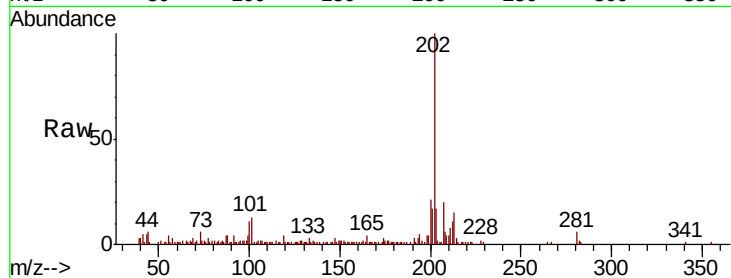




#80
 Pvrene
 Concen: 1.186 ng/ul
 RT: 19.57 min Scan# 2819
 Delta R.T. -0.01 min
 Lab File: BM023068.D
 Acq: 09 Oct 2019 05:23

Instrument :
 BNA_M
 ClientSampleId :
 BFDK5

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.7	14.5
100	10.7	7.8	11.8



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

