

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023072.D
 Acq On : 09 Oct 2019 07:46
 Operator : JU
 Sample : K5028-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDK8

Quant Time: Oct 09 08:27:29 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	183629	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	764898	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	441207	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	837567	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	826074	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	981349	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	23276	5.48	ng/uL	0.00
5) Phenol-d5	6.94	99	84445	5.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	203242	22.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	248181	18.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	156755	11.80	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	149967	25.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	159588	24.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	293169	22.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	261892	16.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	936727	27.36	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	1028967	26.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	36951	5.46	ng/ul	0.00
58) Fluorene-d10	15.40	176	782676	26.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	116548	21.38	ng/ul	0.00
71) Anthracene-d10	17.24	188	1209361	29.57	ng/ul	0.00
79) Pyrene-d10	19.54	212	1353242	30.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1519682	29.93	ng/ul	0.00

Target Compounds

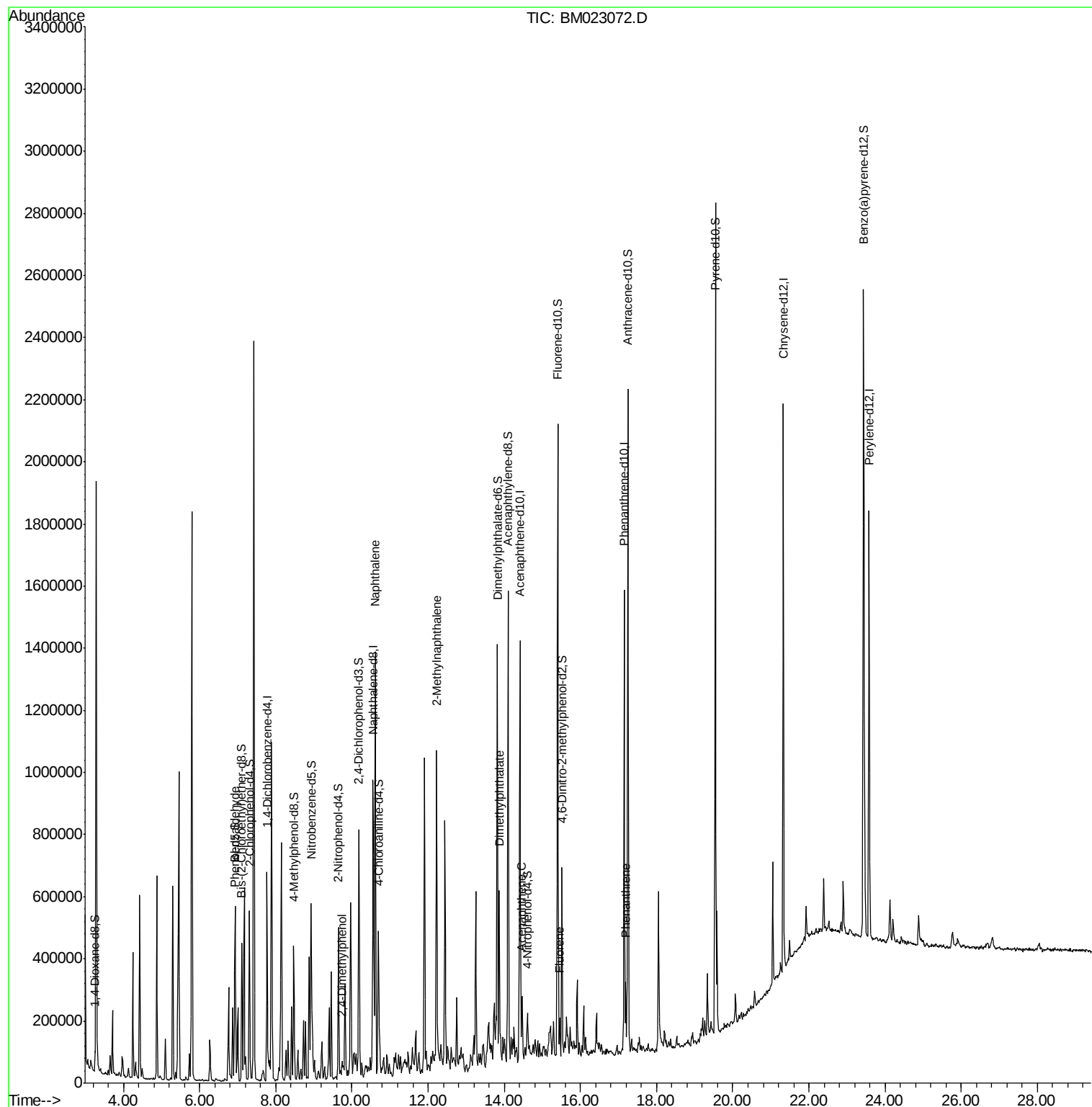
					Ovalue	
4) Benzaldehyde	6.92	77	62532	8.504	ng/ul#	1
24) 2,4-Dimethylphenol	9.74	107	23648	1.647	ng/ul	96
28) Naphthalene	10.61	128	1059813	25.656	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	494439	15.964	ng/ul	98
45) Dimethylphthalate	13.87	163	365817	10.400	ng/ul	99
50) Acenaphthene	14.47	153	85108	2.863	ng/ul	99
59) Fluorene	15.46	166	50084	1.460	ng/ul	100
70) Phenanthrene	17.19	178	124899	2.499	ng/ul	100

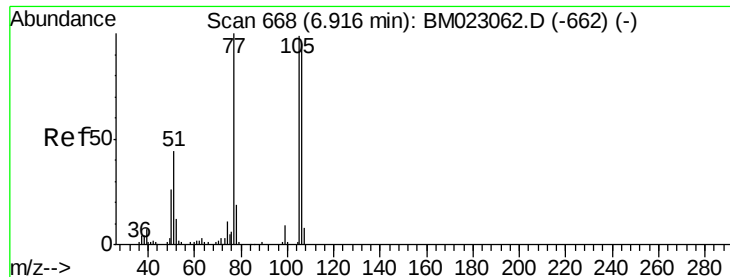
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023072.D
Acq On : 09 Oct 2019 07:46
Operator : JU
Sample : K5028-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFDK8

Quant Time: Oct 09 08:27:29 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





#4

Benzaldehyde

Concen: 8.504 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM023072.D

Acq: 09 Oct 2019 07:46

Instrument :

BNA_M

ClientSampleID :

BFDK8

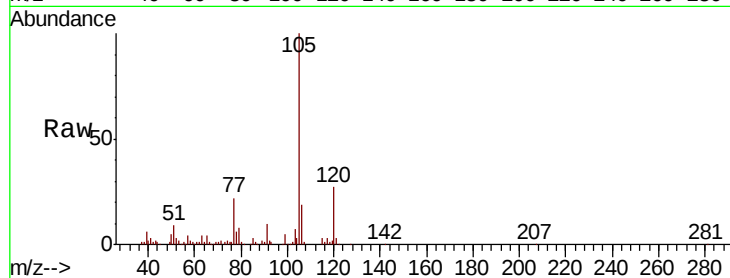
Tot Ion: 77 Resp: 62532

Ion Ratio Lower Upper

77 100

105 459.2 80.6 120.8#

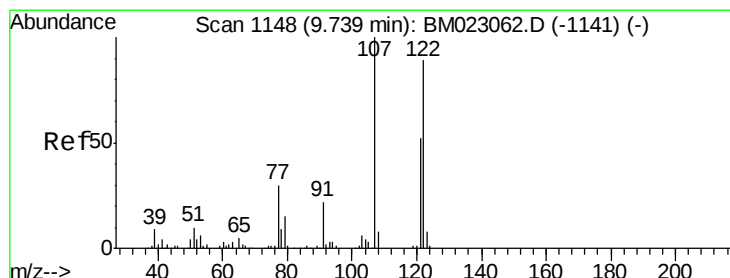
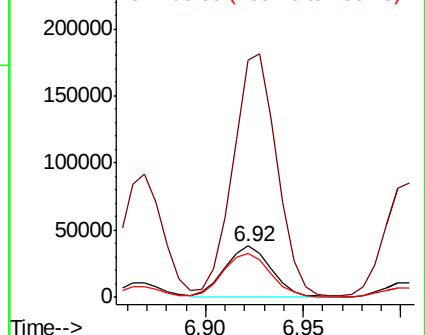
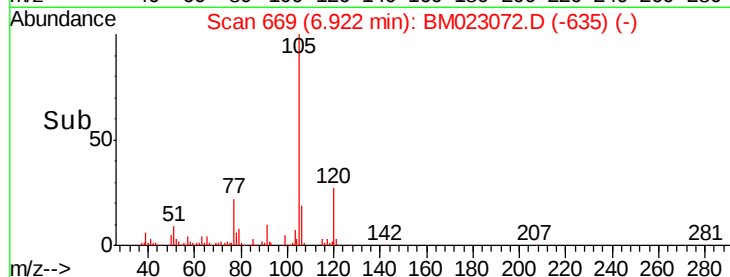
106 86.4 77.0 115.6



Abundance Ion 77.00 (76.70 to 77.70): BM023072.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM023072.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM023072.D (-635) (-)



#24

2,4-Dimethylphenol

Concen: 1.647 ng/ul

RT: 9.74 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM023072.D

Acq: 09 Oct 2019 07:46

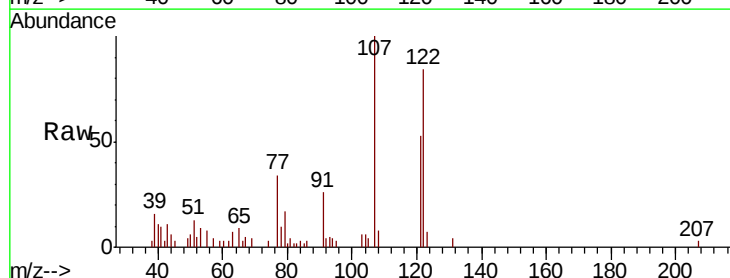
Tgt Ion: 107 Resp: 23648

Ion Ratio Lower Upper

107 100

121 52.6 43.0 64.4

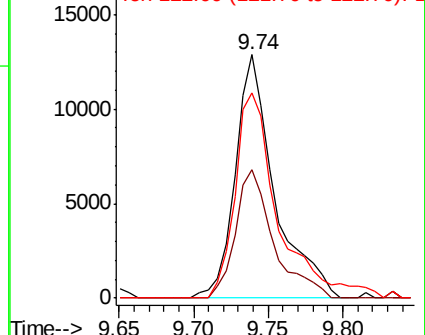
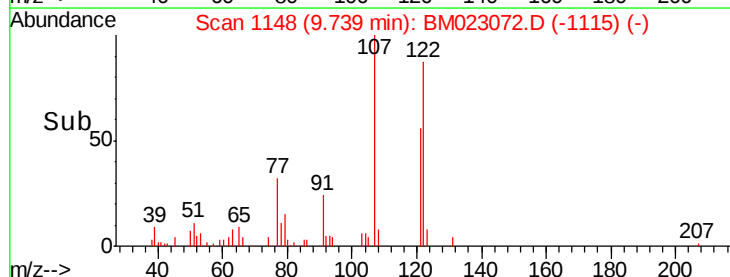
122 84.5 71.4 107.0

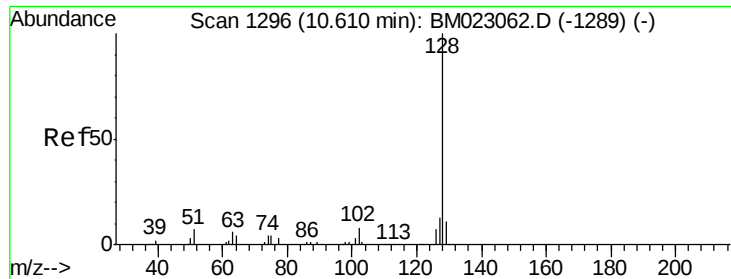


Abundance Ion 107.00 (106.70 to 107.70): BM023072.D (-1115) (-)

Ion 121.00 (120.70 to 121.70): BM023072.D (-1115) (-)

Ion 122.00 (121.70 to 122.70): BM023072.D (-1115) (-)





#28

Naphthalene

Concen: 25.656 ng/ul

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM023072.D

Acq: 09 Oct 2019 07:46

Instrument :

BNA_M

ClientSampleId :

BFDK8

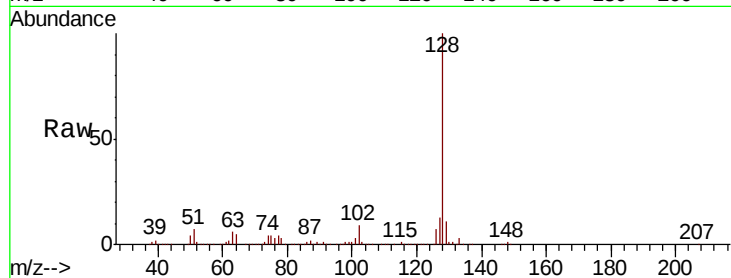
Tot Ion:128 Resp: 1059813

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.1	10.2	15.4

128 100

129 11.0 8.6 13.0

127 13.1 10.2 15.4

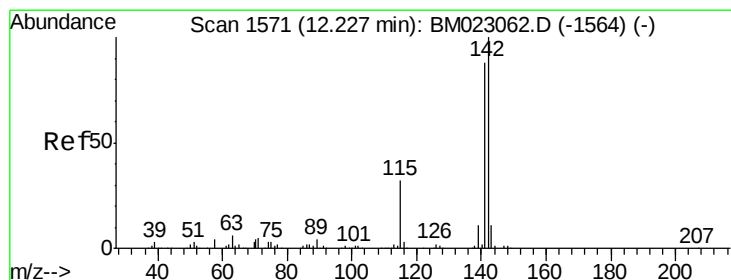
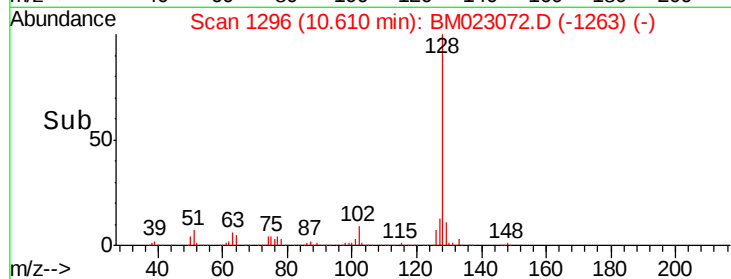
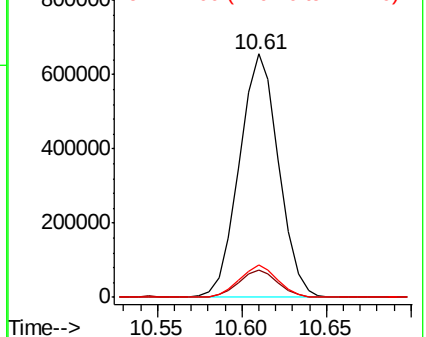


Abundance

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: 15.964 ng/ul

RT: 12.23 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BM023072.D

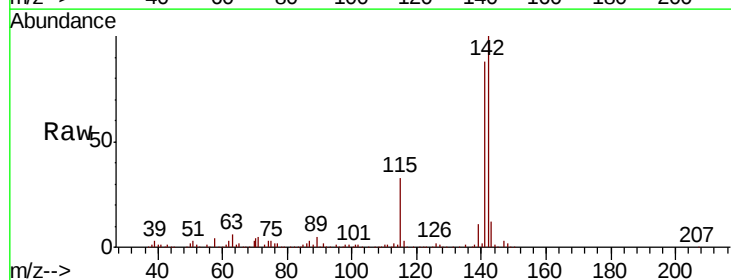
Acq: 09 Oct 2019 07:46

Tgt Ion:142 Resp: 494439

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.2	106.8

142 100

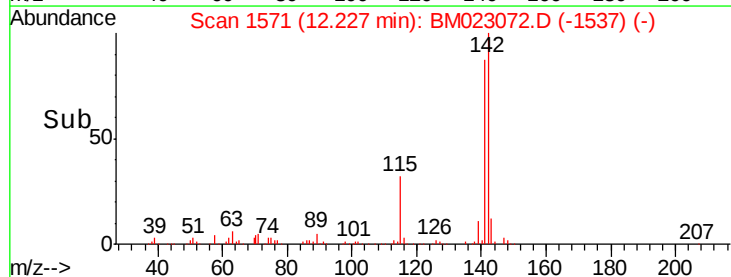
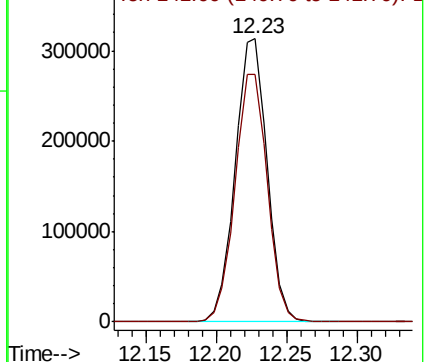
141 87.6 71.2 106.8

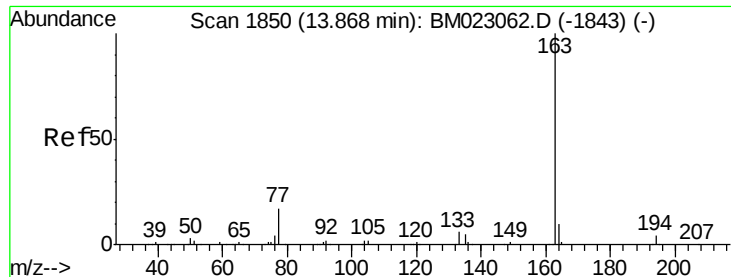


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#45

Dimethylphthalate

Concen: 10.400 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM023072.D

Acq: 09 Oct 2019 07:46

Instrument :

BNA_M

ClientSampleId :

BFDK8

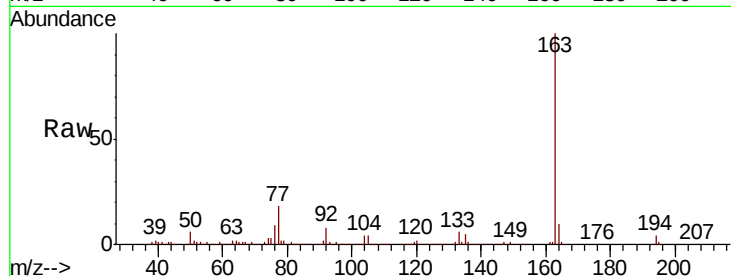
Tot Ion:163 Resp: 365817

Ion Ratio Lower Upper

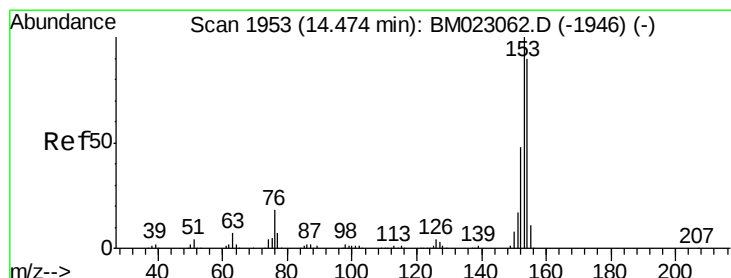
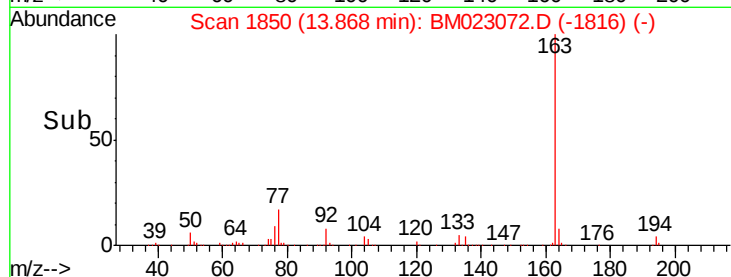
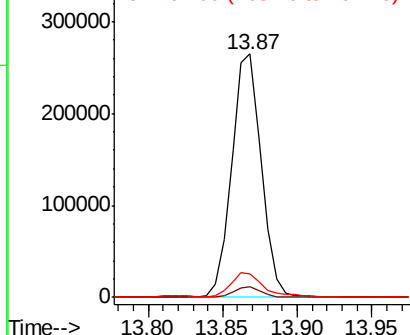
163 100

194 4.1 3.4 5.0

164 9.7 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: 2.863 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM023072.D

Acq: 09 Oct 2019 07:46

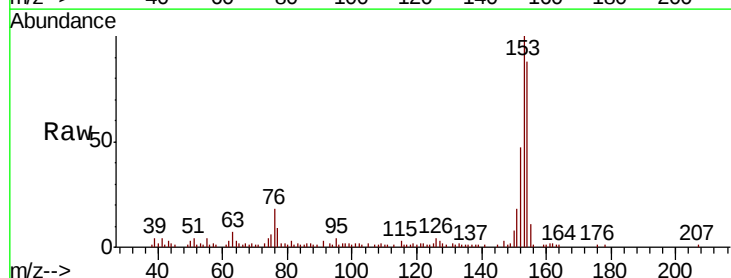
Tgt Ion:153 Resp: 85108

Ion Ratio Lower Upper

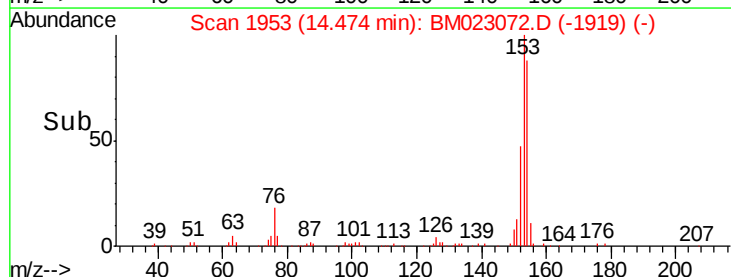
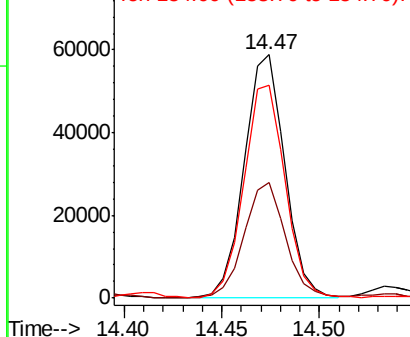
153 100

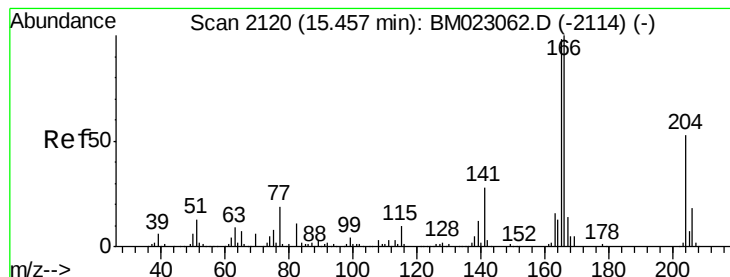
152 47.4 38.1 57.1

154 87.7 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: 1.460 ng/ul

RT: 15.46 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM023072.D

Acq: 09 Oct 2019 07:46

Instrument :

BNA_M

ClientSampleID :

BFDK8

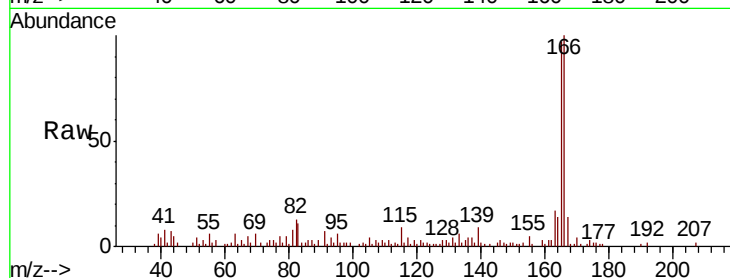
Tot Ion:166 Resp: 50084

Ion Ratio Lower Upper

166 100

165 97.4 77.7 116.5

167 13.9 11.0 16.4

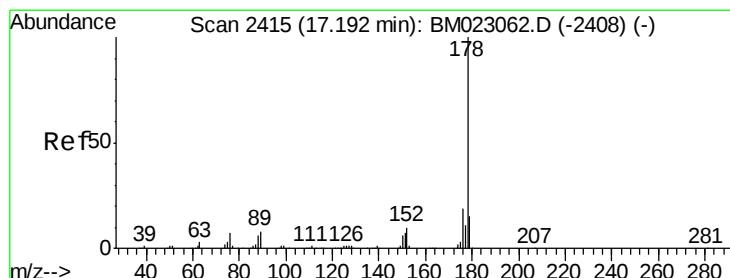
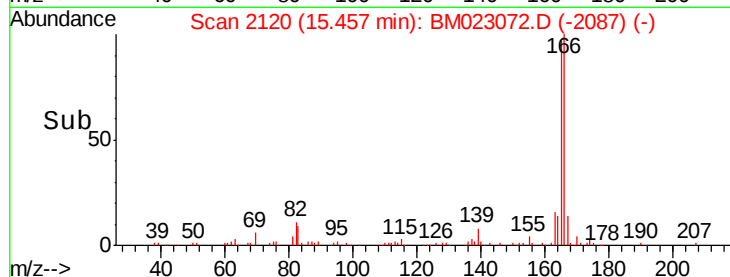
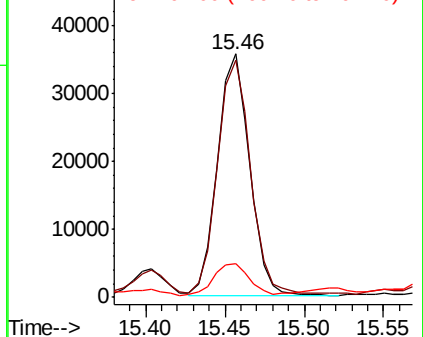


Abundance

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: 2.499 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM023072.D

Acq: 09 Oct 2019 07:46

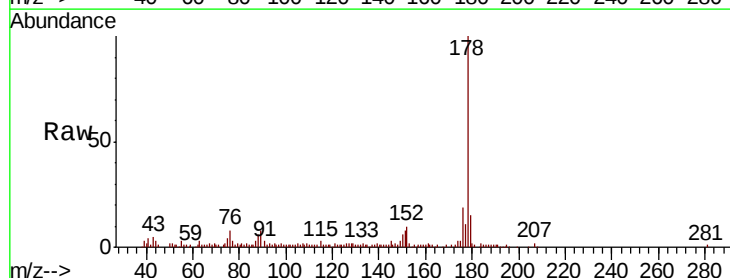
Tgt Ion:178 Resp: 124899

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.9 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

