

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022372.D
 Acq On : 27 Aug 2019 18:24
 Operator : HP/JU
 Sample : K4373-19DL2 100X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 28 02:29:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	25278	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	118363	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.20	164	86123	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	201625	20.00	ng/ul	-0.01
77) Chrysene-d12	21.18	240	167262	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	170807	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.64	166	1906	0.25	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1851	0.23	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.20	176	1934	0.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.07	188	4636	0.43	ng/ul	0.00
78) Pyrene-d10	19.37	212	3428	0.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	2619	0.28	ng/ul	0.00

Target Compounds

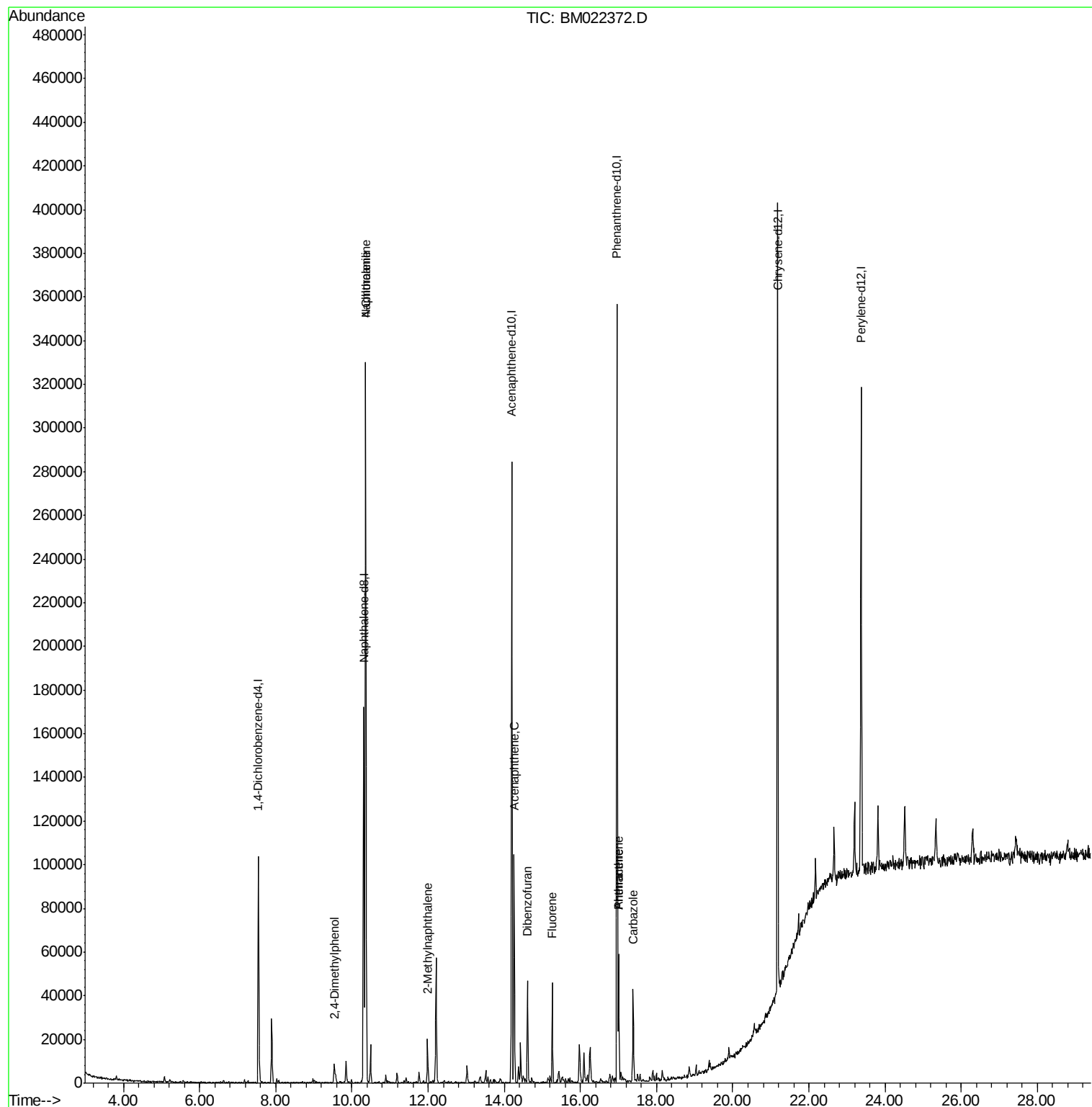
					Ovalue	
24) 2,4-Dimethylphenol	9.54	107	4401	1.663	ng/ul	95
28) Naphthalene	10.36	128	229264	35.099	ng/ul	100
30) 4-Chloroaniline	10.36	127	30996	11.709	ng/ul#	8
34) 2-Methylnaphthalene	11.99	142	10094	2.006	ng/ul	96
49) Acenaphthene	14.26	153	39475	6.564	ng/ul	98
53) Dibenzofuran	14.61	168	28758	3.210	ng/ul	97
58) Fluorene	15.26	166	20323	2.694	ng/ul	100
69) Phenanthrene	17.00	178	32076	2.659	ng/ul	98
71) Anthracene	17.00	178	32076	2.555	ng/ul	98
74) Carbazole	17.39	167	26263	2.317	ng/ul	99

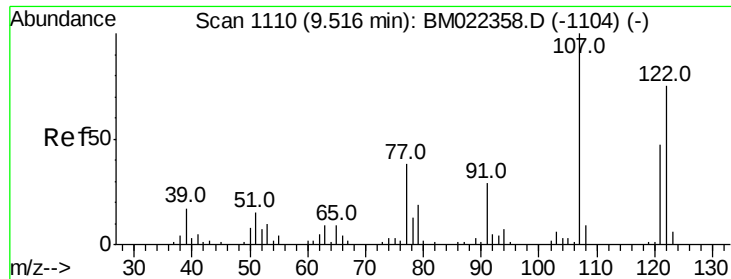
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#24

2,4-Dimethylphenol

Concen: 1.663 ng/ul

RT: 9.54 min Scan# 1114

Delta R.T. 0.02 min

Lab File: BM022372.D

Acq: 27 Aug 2019 18:24

Instrument :

BNA_M

ClientSampleId :

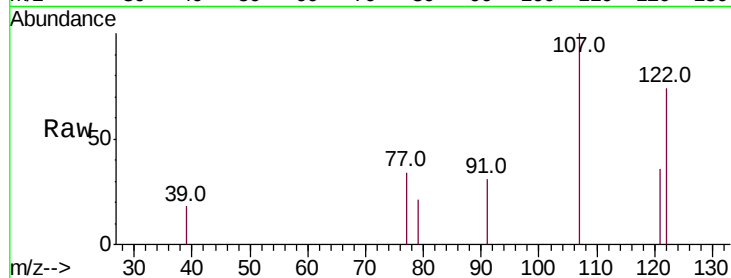
Tot Ion:107 Resp: 4401

Ion Ratio Lower Upper

107 100

121 36.3 33.6 50.4

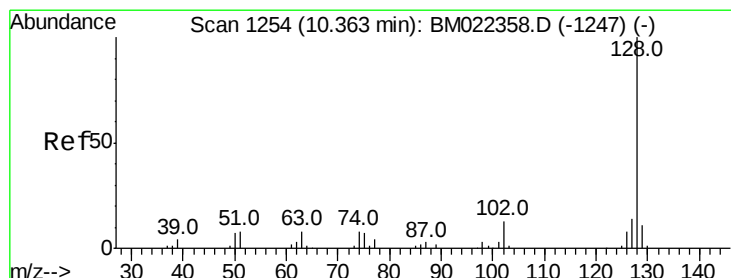
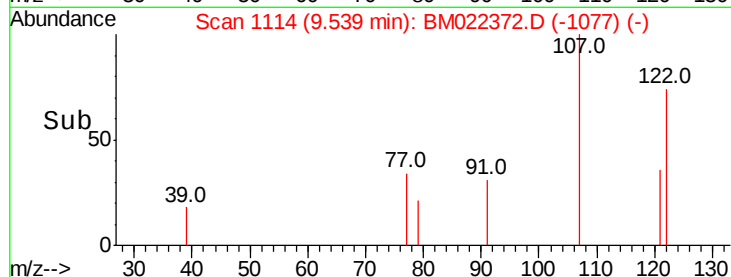
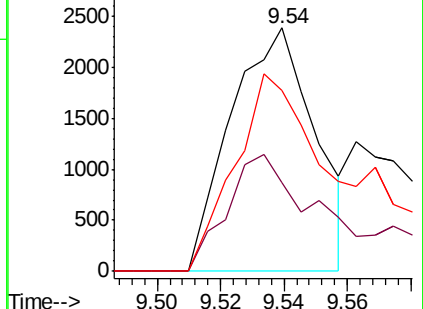
122 74.5 58.0 87.0



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



#28

Naphthalene

Concen: 35.099 ng/ul

RT: 10.36 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM022372.D

Acq: 27 Aug 2019 18:24

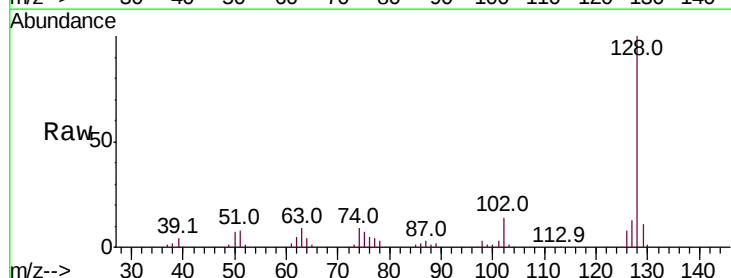
Tgt Ion:128 Resp: 229264

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

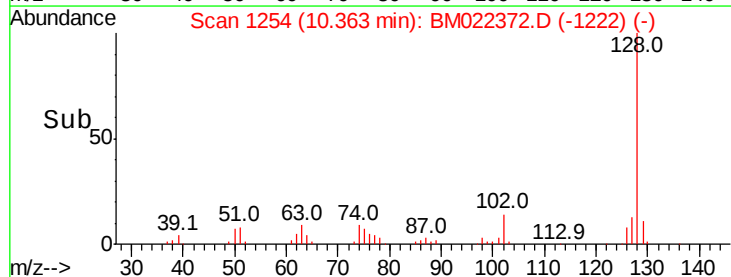
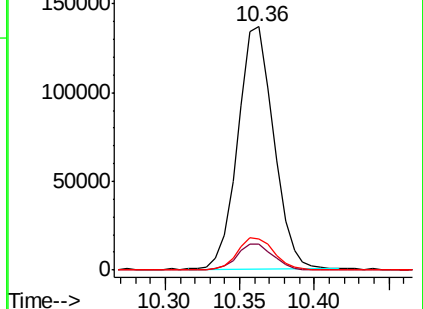
127 13.0 10.4 15.6

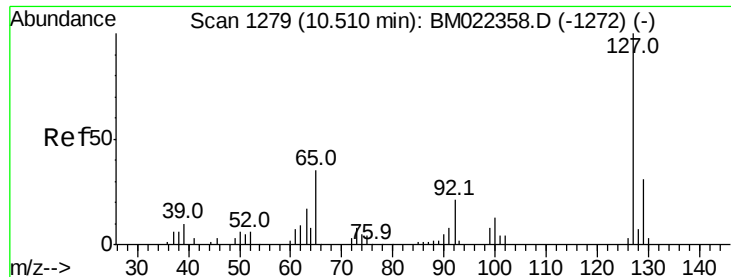


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 11.709 ng/ul

RT: 10.36 min Scan# 1253

Delta R.T. -0.16 min

Lab File: BM022372.D

Acq: 27 Aug 2019 18:24

Instrument :

BNA_M

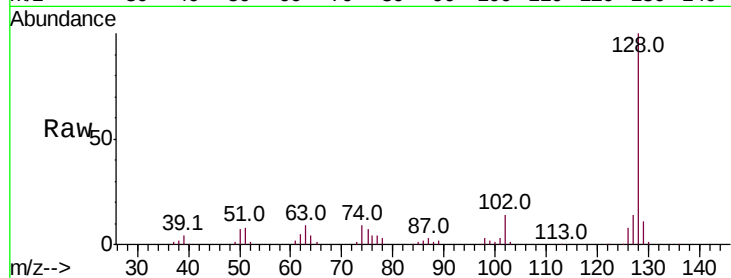
ClientSampleId :

Tot Ion:127 Resp: 30996

Ion Ratio Lower Upper

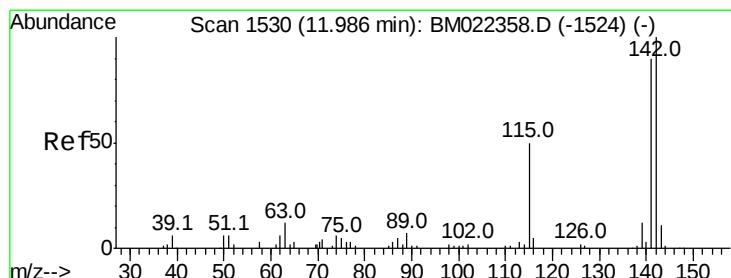
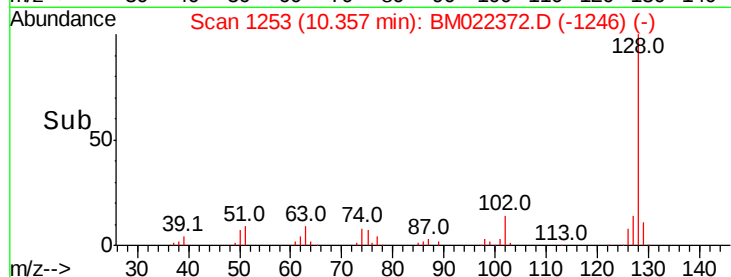
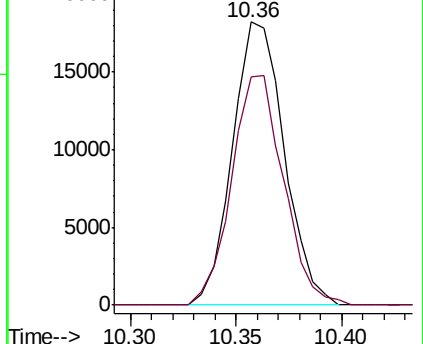
127 100

129 80.6 24.2 36.4#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#34

2-Methylnaphthalene

Concen: 2.006 ng/ul

RT: 11.99 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BM022372.D

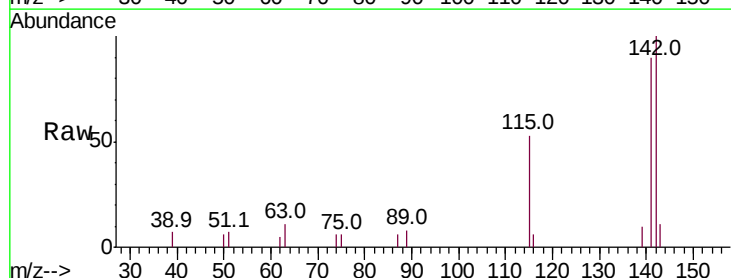
Acq: 27 Aug 2019 18:24

Tgt Ion:142 Resp: 10094

Ion Ratio Lower Upper

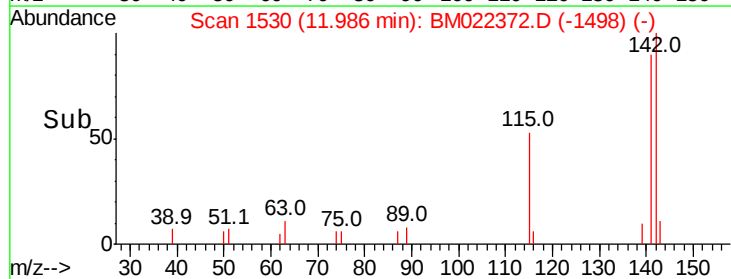
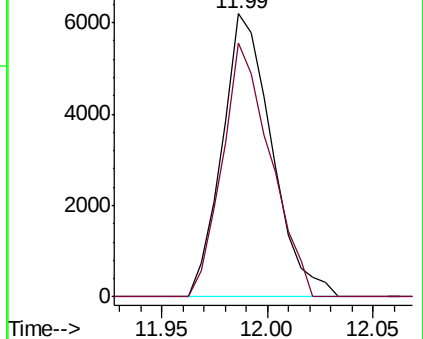
142 100

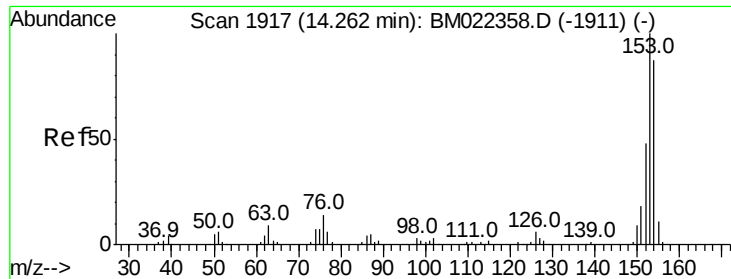
141 89.7 75.1 112.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#49

Acenaphthene

Concen: 6.564 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM022372.D

Acq: 27 Aug 2019 18:24

Instrument :

BNA_M

ClientSampleId :

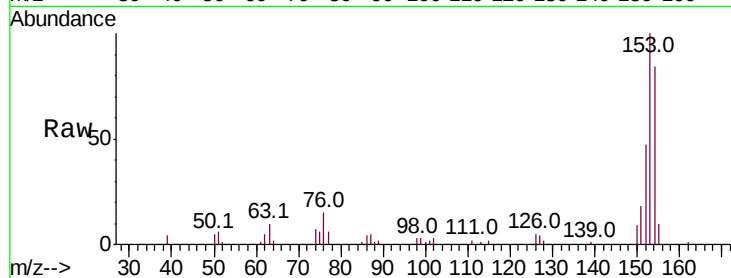
Tot Ion:153 Resp: 39475

Ion Ratio Lower Upper

153 100

152 46.9 38.6 58.0

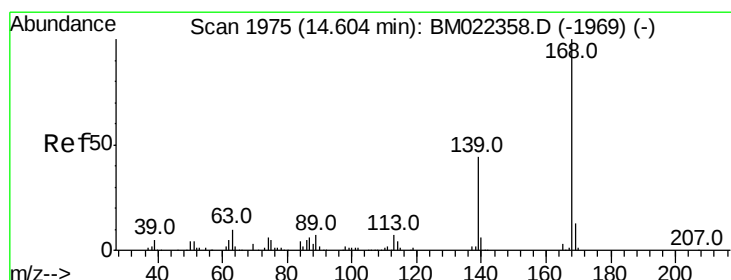
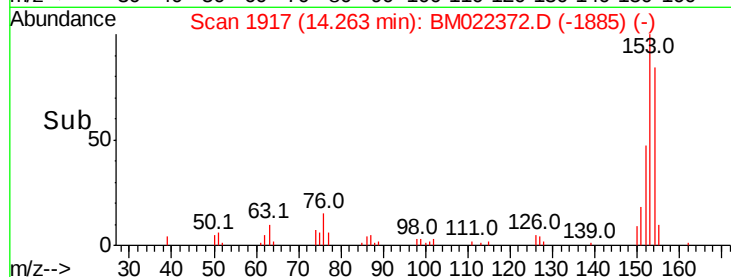
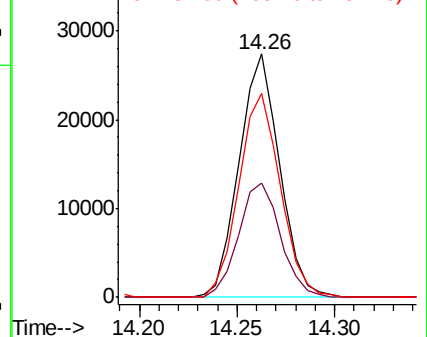
154 84.0 68.9 103.3



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



#53

Dibenzofuran

Concen: 3.210 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM022372.D

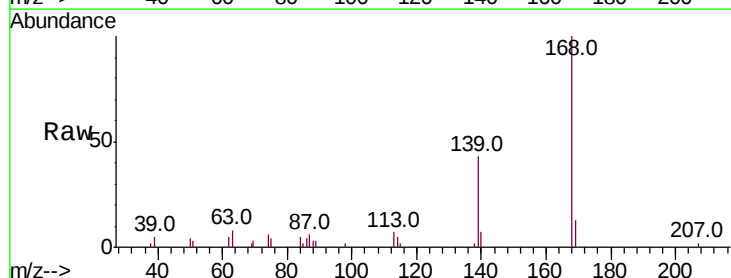
Acq: 27 Aug 2019 18:24

Tgt Ion:168 Resp: 28758

Ion Ratio Lower Upper

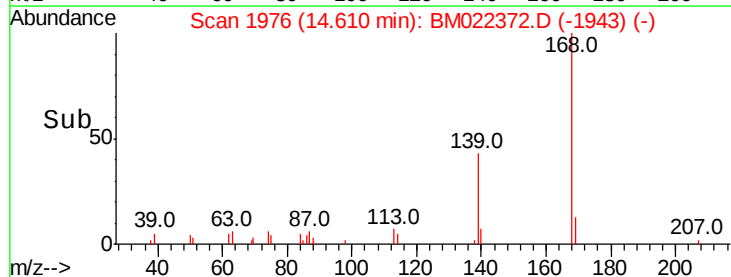
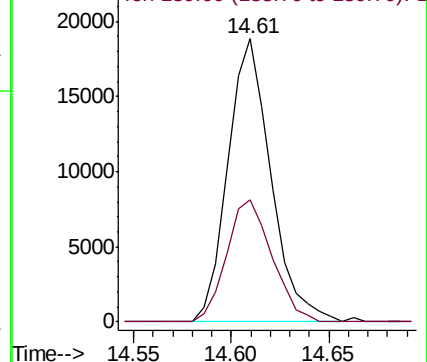
168 100

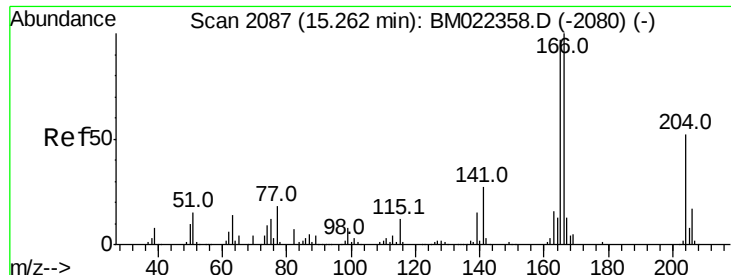
139 43.2 36.2 54.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.694 ng/ul

RT: 15.26 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BM022372.D

Acq: 27 Aug 2019 18:24

Instrument :

BNA_M

ClientSampleId :

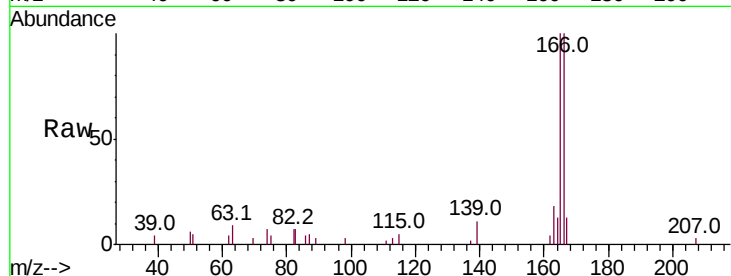
Tot Ion:166 Resp: 20323

Ion Ratio Lower Upper

166 100

165 100.0 80.2 120.2

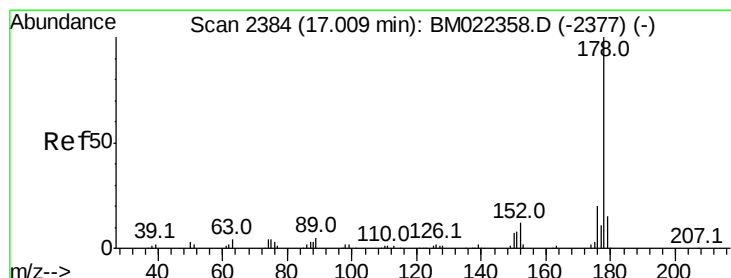
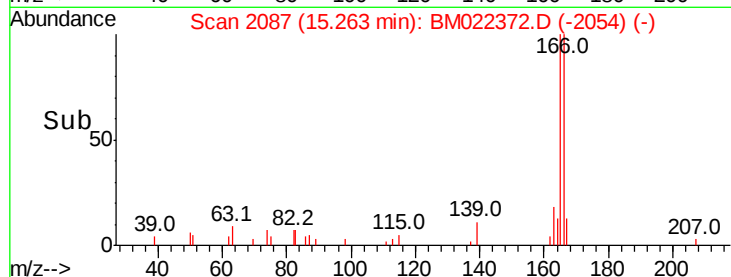
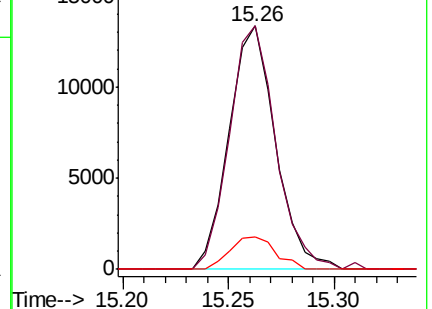
167 13.3 11.4 17.0



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



#69

Phenanthrene

Concen: 2.659 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM022372.D

Acq: 27 Aug 2019 18:24

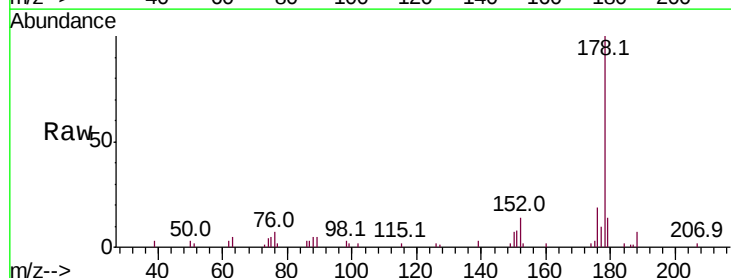
Tgt Ion:178 Resp: 32076

Ion Ratio Lower Upper

178 100

179 14.2 12.4 18.6

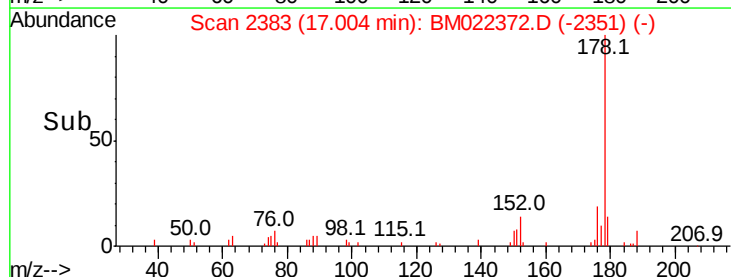
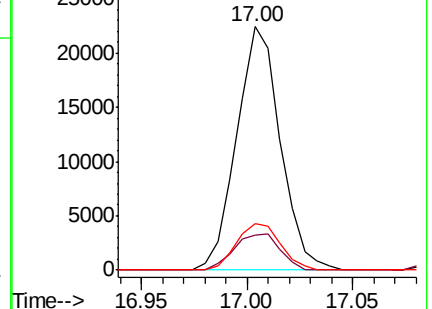
176 18.9 15.4 23.0

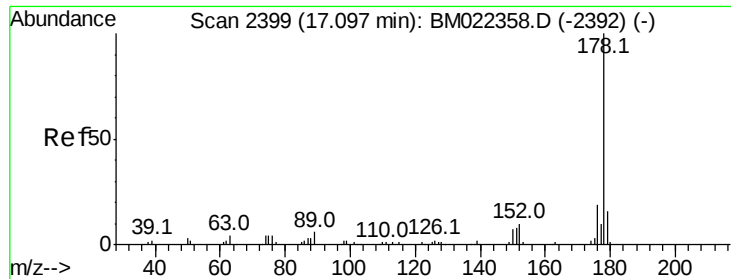


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

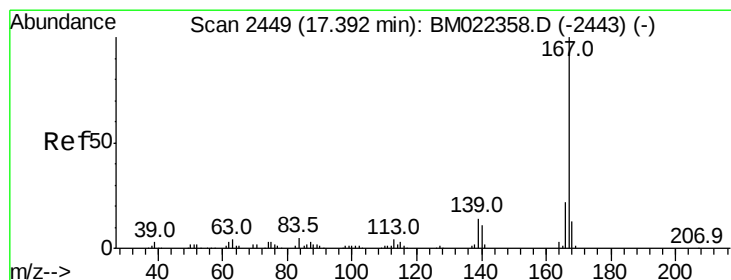
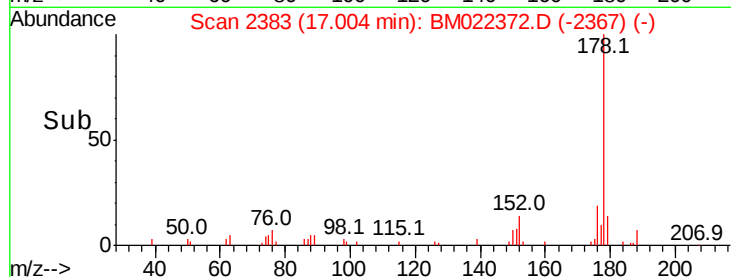
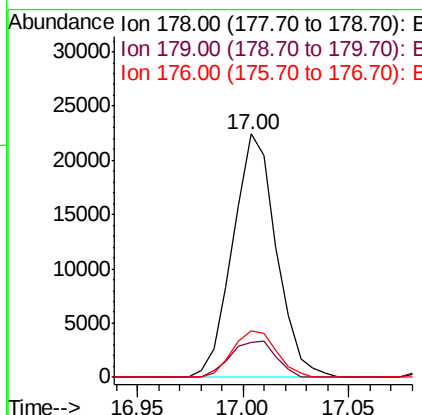
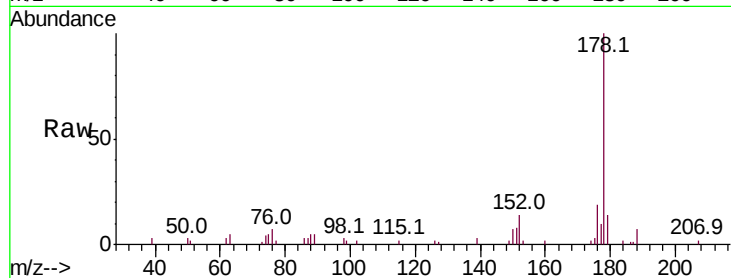




#71
 Anthracene
 Concen: 2.555 ng/ul
 RT: 17.00 min Scan# 2383
 Delta R.T. -0.11 min
 Lab File: BM022372.D
 Acq: 27 Aug 2019 18:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 32076
 Ion Ratio Lower Upper
 178 100
 179 14.2 12.3 18.5
 176 18.9 15.5 23.3



#74
 Carbazole
 Concen: 2.317 ng/ul
 RT: 17.39 min Scan# 2448
 Delta R.T. -0.01 min
 Lab File: BM022372.D
 Acq: 27 Aug 2019 18:24

Tgt Ion:167 Resp: 26263
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 13.8 11.8 17.8

