

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027226.D
 Acq On : 25 Aug 2020 23:47
 Operator : JU/CG
 Sample : L3668-17DL 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFW8DL

Quant Time: Aug 26 01:55:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 26 01:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	65607	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	259101	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	189189	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	435010	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	479721	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	469568	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	329	0.28	ng/uL	0.00
5) Phenol-d5	6.79	99	2105	0.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	8776	2.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	7062	1.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	3031	0.71	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	4357	2.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	3707	1.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	7158	1.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	322	0.06	ng/ul	0.02
44) Dimethylphthalate-d6	13.66	166	37932	2.53	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	39156	2.21	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.23	176	33939	2.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	2786	0.98	ng/ul	0.00
71) Anthracene-d10	17.08	188	55600	2.69	ng/ul	0.00
79) Pyrene-d10	19.38	212	63978	2.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	68535	2.62	ng/ul	-0.01

Target Compounds

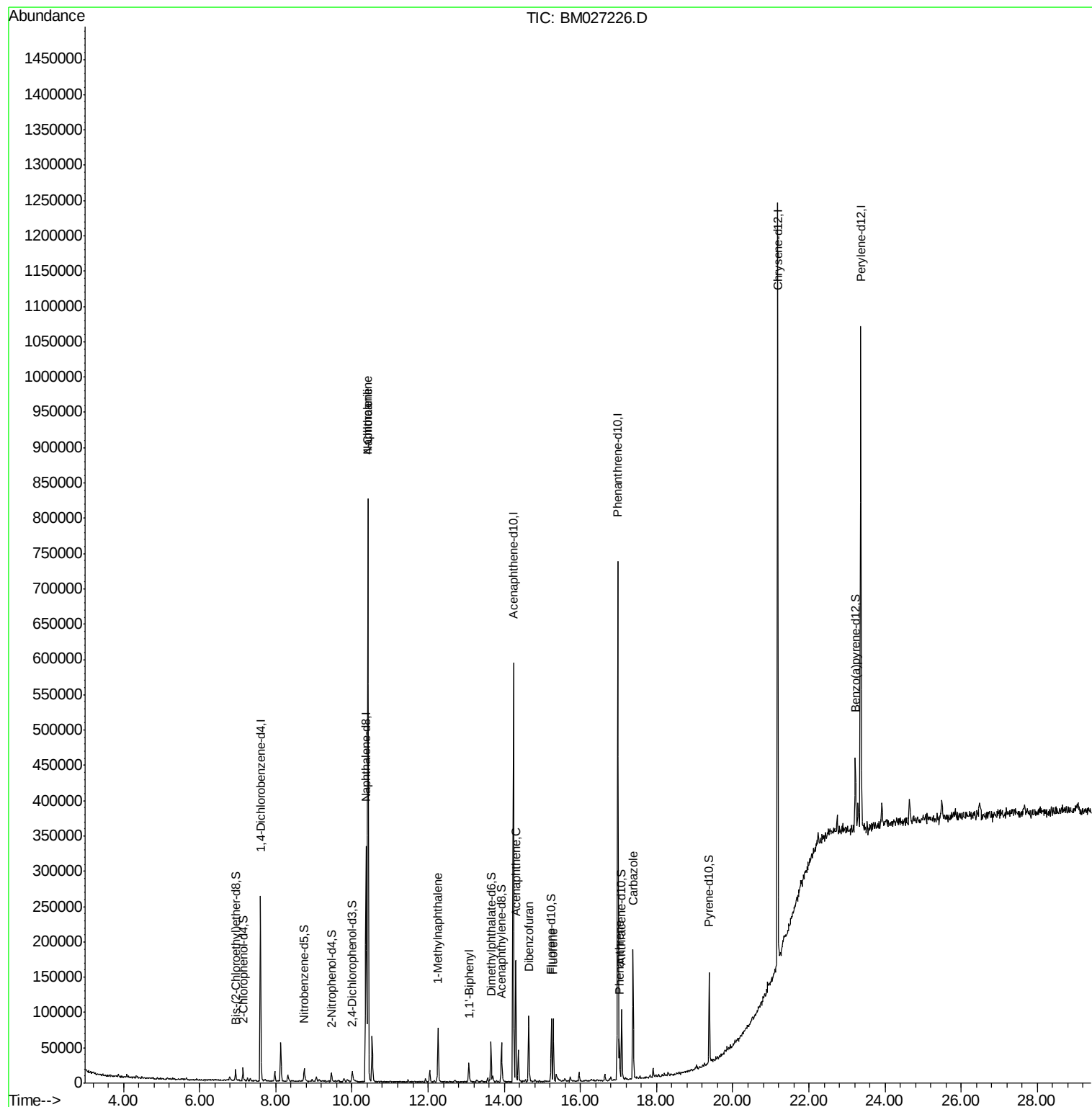
					Ovalue	
28) Naphthalene	10.42	128	622952	45.144	ng/ul	100
30) 4-Chloroaniline	10.42	127	81627	15.483	ng/ul#	1
35) 1-Methylnaphthalene	12.26	142	33405	3.265	ng/ul#	95
41) 1,1'-Biphenyl	13.07	154	16379	1.103	ng/ul	99
50) Acenaphthene	14.30	153	68820	5.536	ng/ul	97
54) Dibenzofuran	14.64	168	54814	3.072	ng/ul	96
59) Fluorene	15.29	166	35056	2.317	ng/ul	96
70) Phenanthrene	17.02	178	32074	1.292	ng/ul	96
75) Carbazole	17.39	167	116113	5.569	ng/ul	99

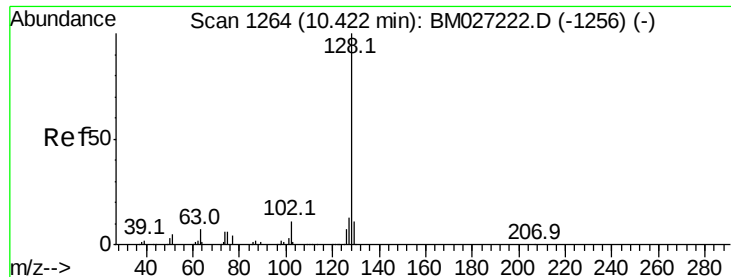
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 45.144 ng/ul

RT: 10.42 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BM027226.D

Acq: 25 Aug 2020 23:47

Instrument :

BNA_M

ClientSampleId :

DBFW8DL

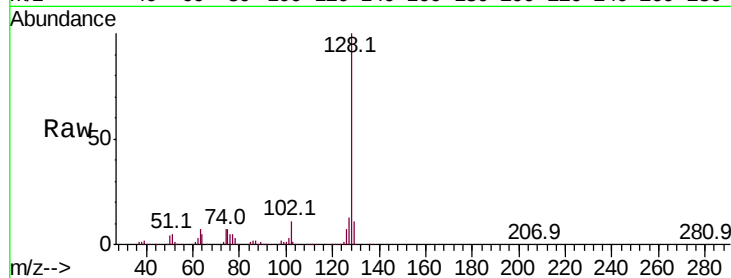
Tot Ion:128 Resp: 622952

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

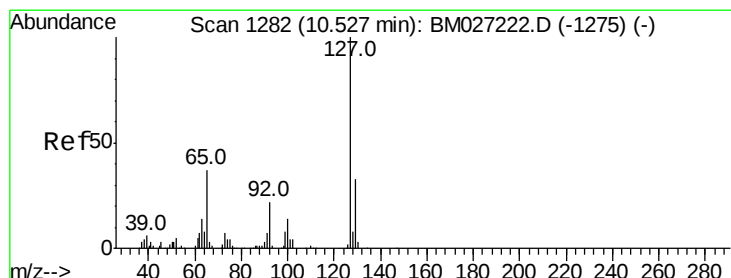
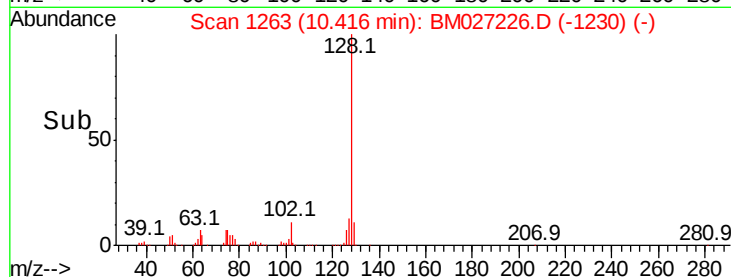
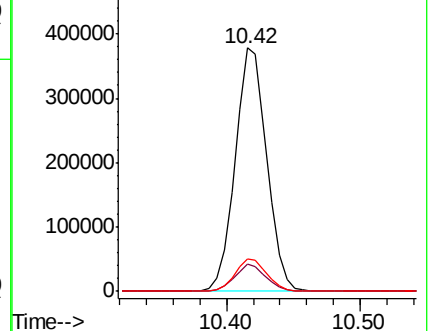
127 13.1 10.4 15.6



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: 15.483 ng/ul

RT: 10.42 min Scan# 1263

Delta R.T. -0.11 min

Lab File: BM027226.D

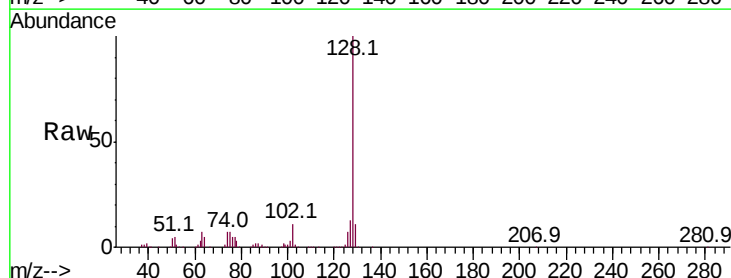
Acq: 25 Aug 2020 23:47

Tgt Ion:127 Resp: 81627

Ion Ratio Lower Upper

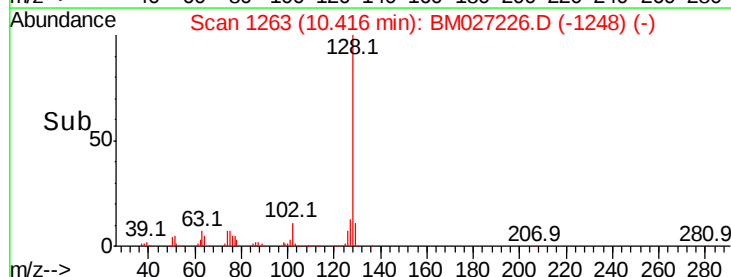
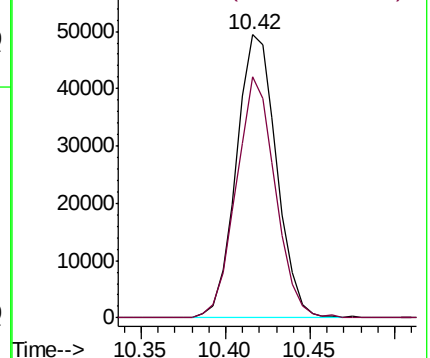
127 100

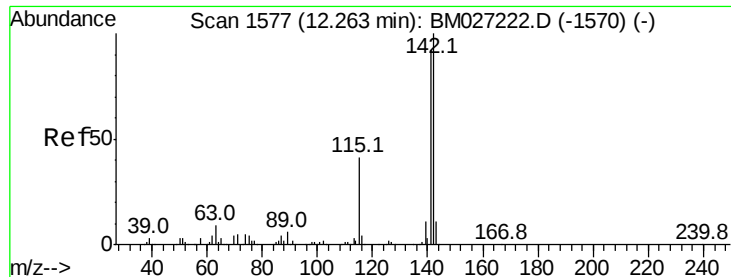
129 85.1 24.5 36.7#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#35

1-Methylnaphthalene

Concen: 3.265 ng/ul

RT: 12.26 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BM027226.D

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Instrument :

BNA_M

ClientSampleId :

DBFW8DL

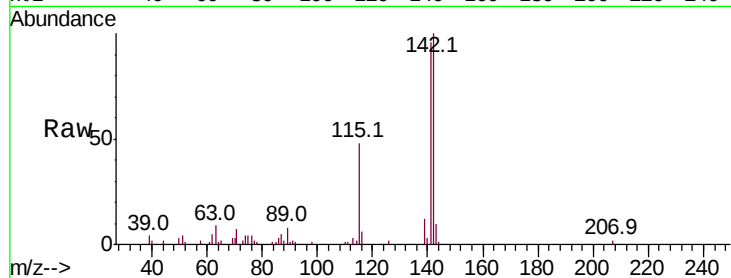
Tot Ion:142 Resp: 33405

Ion Ratio Lower Upper

142 100

141 95.7 72.5 108.7

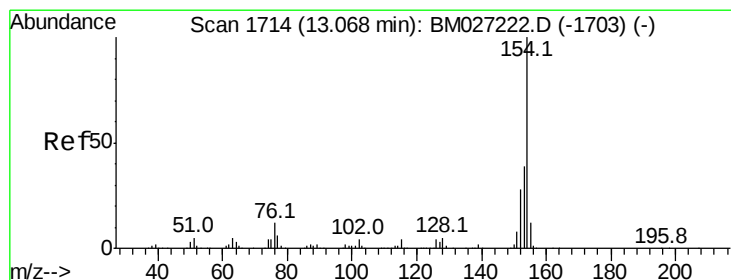
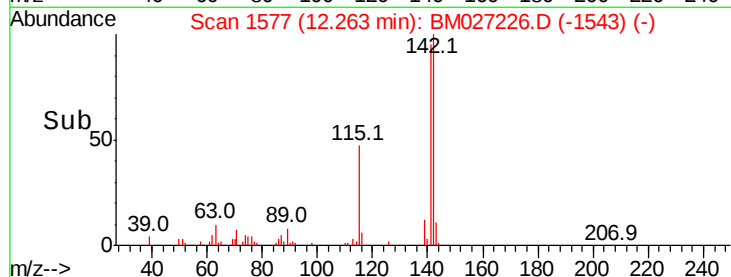
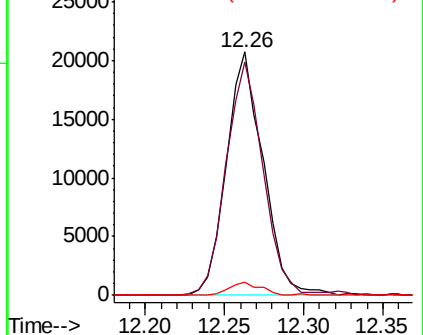
116 5.6 3.2 4.8#



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



#41

1,1'-Biphenyl

Concen: 1.103 ng/ul

RT: 13.07 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BM027226.D

Acq: 25 Aug 2020 23:47

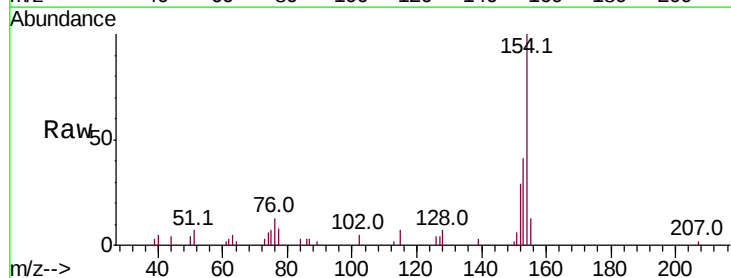
Tgt Ion:154 Resp: 16379

Ion Ratio Lower Upper

154 100

153 41.0 32.2 48.2

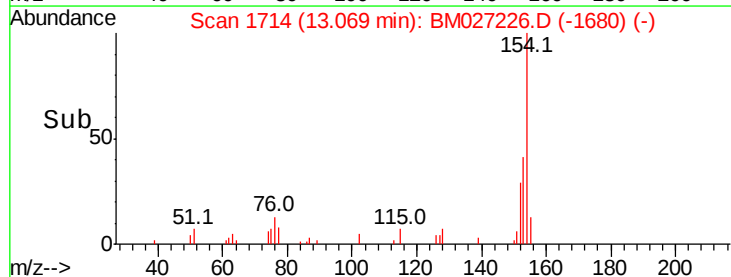
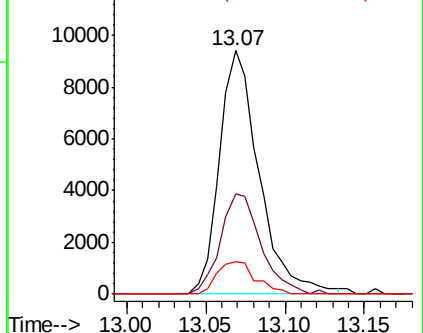
76 13.5 10.2 15.4

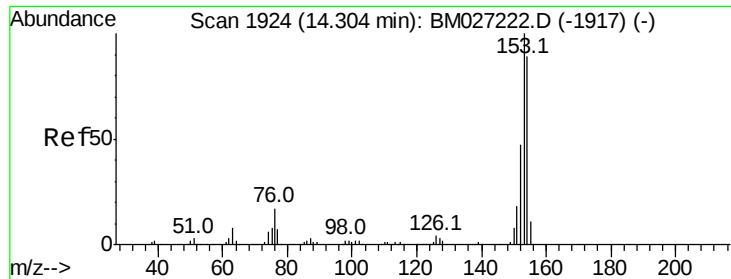


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





#50

Acenaphthene

Concen: 5.536 ng/ul

RT: 14.30 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BM027226.D

Acq: 25 Aug 2020 23:47

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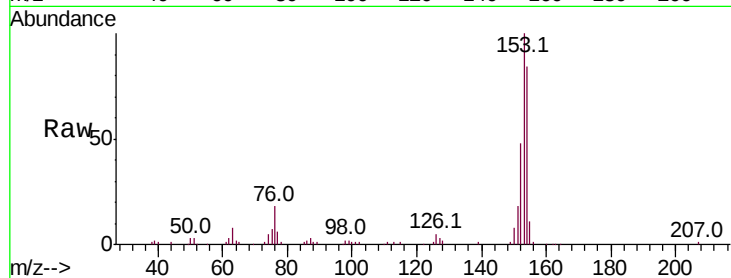
Tot Ion:153 Resp: 68820

Ion Ratio Lower Upper

153 100

152 47.7 37.4 56.2

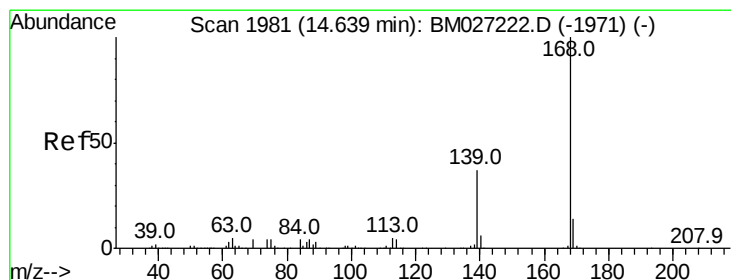
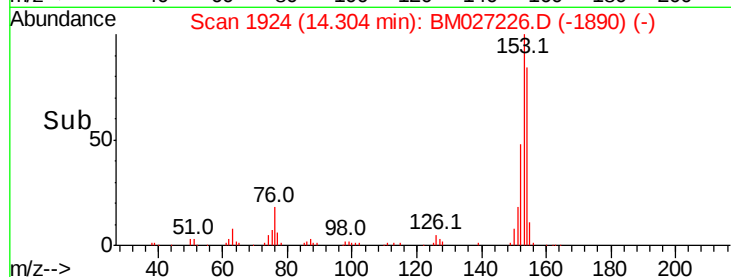
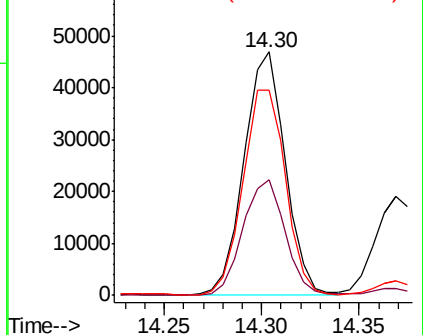
154 84.4 70.2 105.4



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



#54

Dibenzofuran

Concen: 3.072 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM027226.D

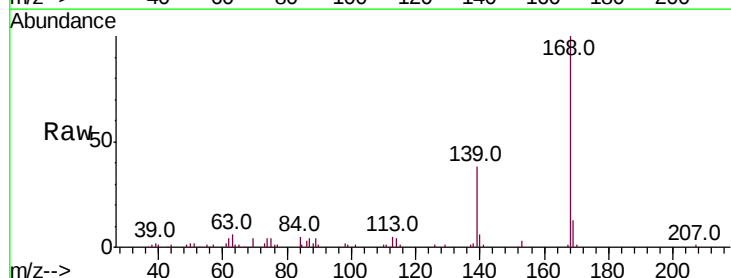
Acq: 25 Aug 2020 23:47

Tgt Ion:168 Resp: 54814

Ion Ratio Lower Upper

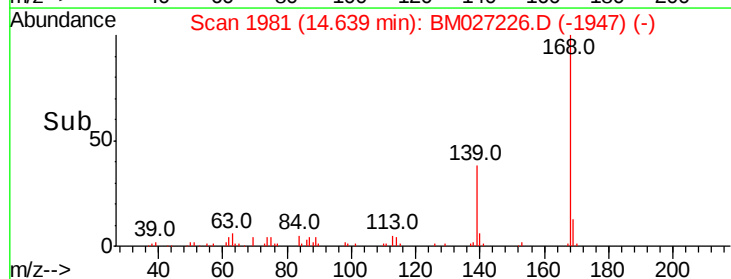
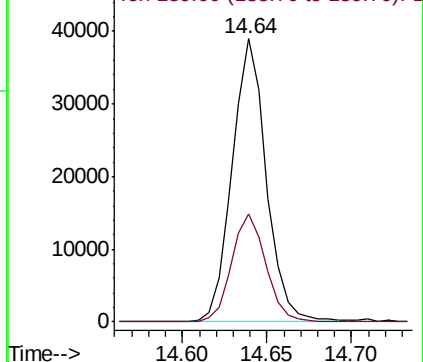
168 100

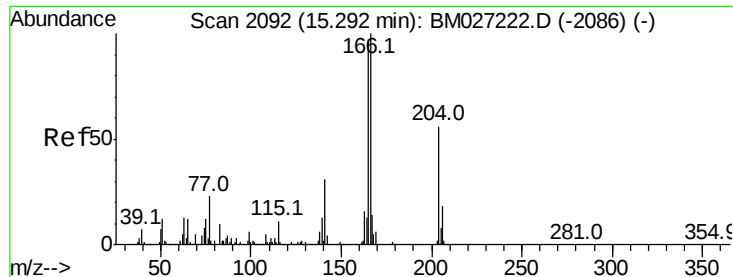
139 38.1 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 2.317 ng/ul

RT: 15.29 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BM027226.D

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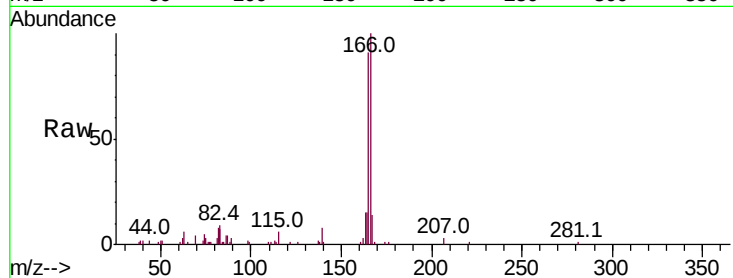
Tot Ion:166 Resp: 35056

Ion Ratio Lower Upper

166 100

165 91.4 76.9 115.3

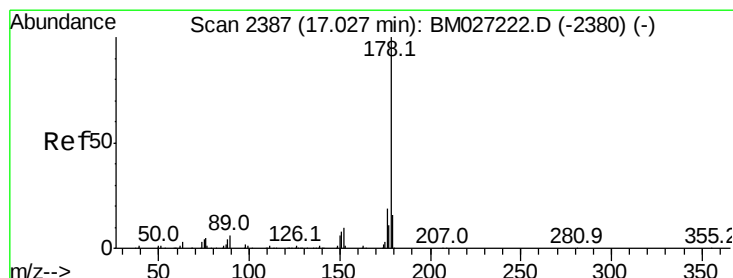
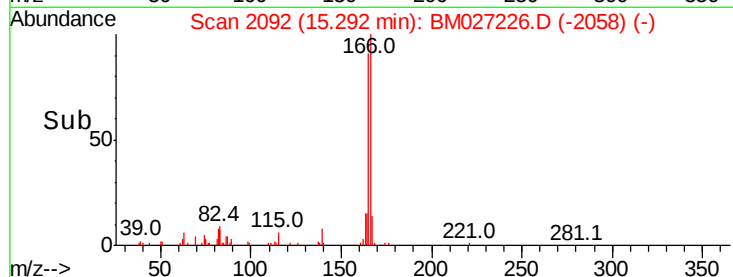
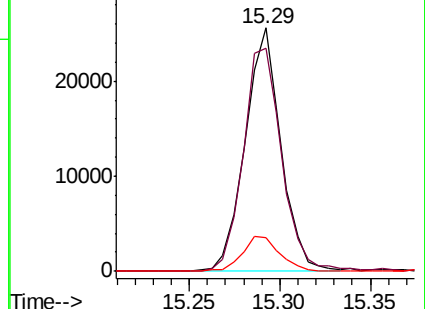
167 13.8 10.7 16.1



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: 1.292 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM027226.D

Acq: 25 Aug 2020 23:47

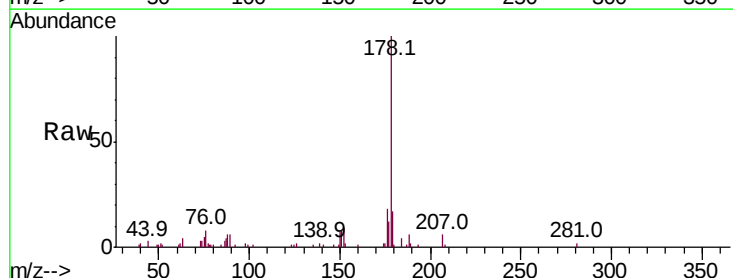
Tgt Ion:178 Resp: 32074

Ion Ratio Lower Upper

178 100

179 17.4 12.0 18.0

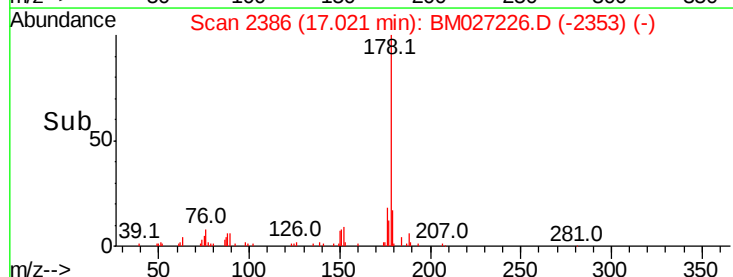
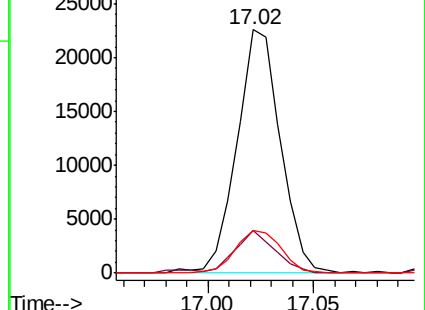
176 17.5 14.6 22.0

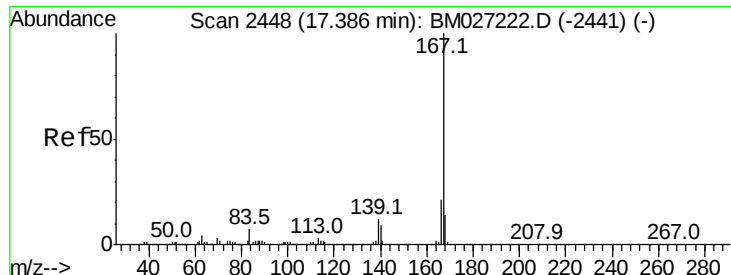


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 5.569 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. 0.00 min

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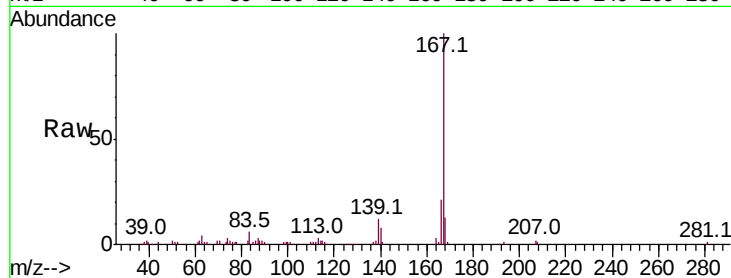
Tot Ion:167 Resp: 116113

Ion Ratio Lower Upper

167 100

166 20.7 16.2 24.4

139 12.1 9.2 13.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

