

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027225.D
 Acq On : 25 Aug 2020 23:11
 Operator : JU/CG
 Sample : L3668-22DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFX4DL

Quant Time: Aug 26 01:54:55 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	153515	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	602659	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	433822	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	1003953	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	1147960	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	1113210	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	456	0.17	ng/uL	0.01
5) Phenol-d5	6.79	99	4470	0.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	16567	2.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	14351	1.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	8398	0.84	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	9419	1.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	8796	1.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	17213	1.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	24991	2.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	80319	2.33	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	81337	2.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	664	0.11	ng/ul	0.02
58) Fluorene-d10	15.23	176	69328	2.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	7316	1.12	ng/ul	0.00
71) Anthracene-d10	17.08	188	120166	2.52	ng/ul	0.00
79) Pyrene-d10	19.38	212	135561	2.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	146812	2.37	ng/ul	0.00

Target Compounds

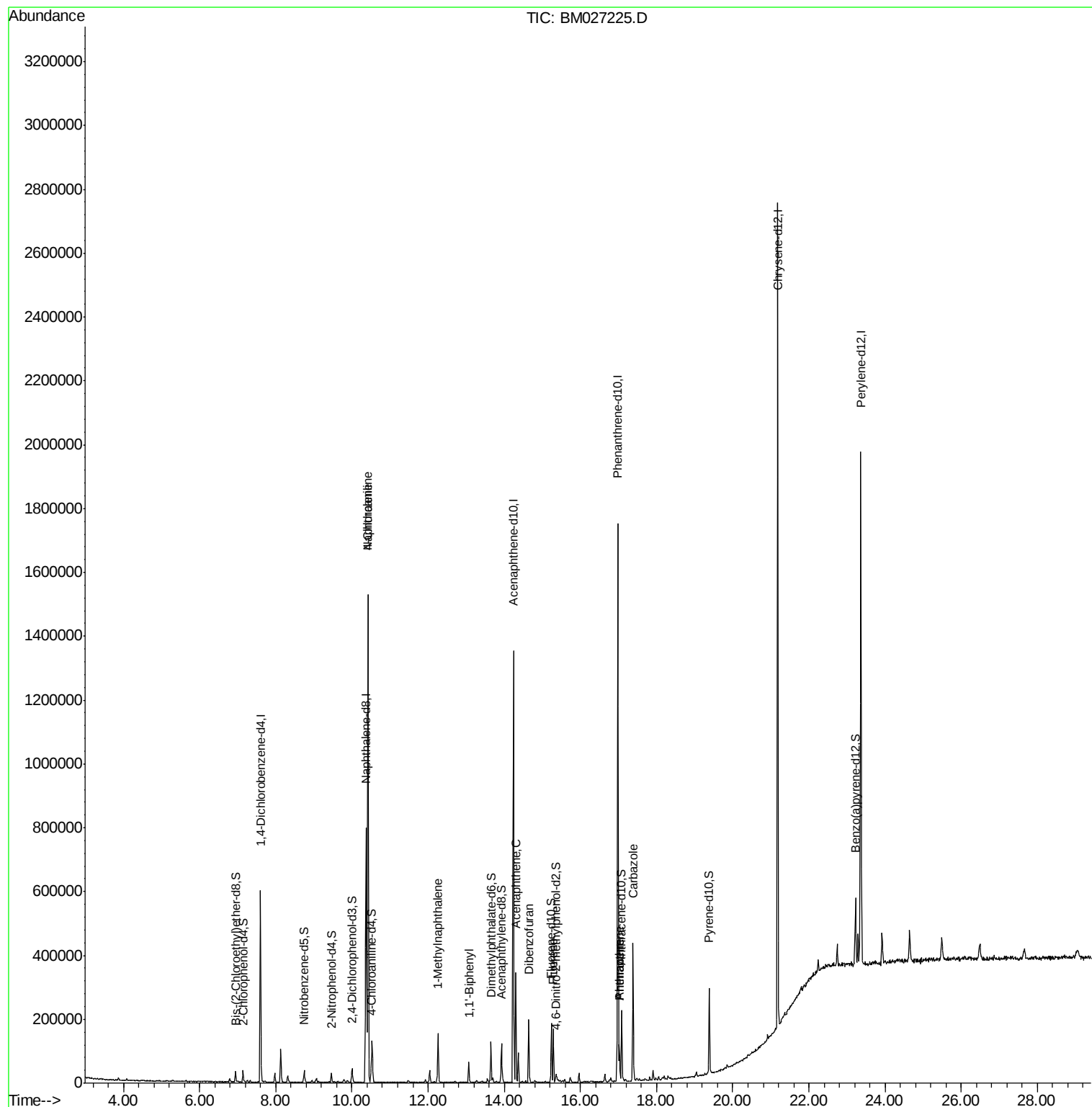
				Ovalue	
28) Naphthalene	10.42	128	1179332	36.744	ng/ul 99
30) 4-Chloroaniline	10.42	127	153527	12.520	ng/ul# 8
35) 1-Methylnaphthalene	12.26	142	67698	2.845	ng/ul 100
41) 1,1'-Biphenyl	13.07	154	34120	1.002	ng/ul 97
50) Acenaphthene	14.30	153	133262	4.675	ng/ul 98
54) Dibenzofuran	14.64	168	112523	2.750	ng/ul 93
59) Fluorene	15.29	166	73186	2.109	ng/ul 98
70) Phenanthrene	17.02	178	64249	1.121	ng/ul 98
72) Anthracene	17.02	178	64249	1.101	ng/ul 98
75) Carbazole	17.39	167	258623	5.375	ng/ul 98

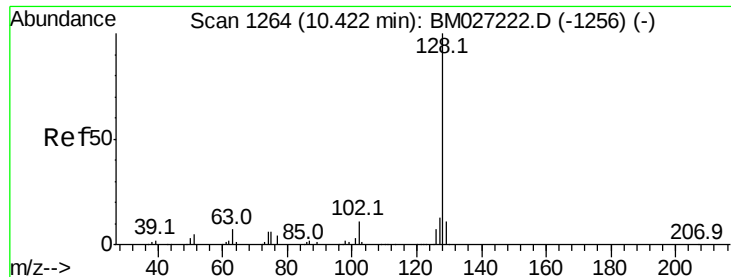
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 36.744 ng/ul

RT: 10.42 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BM027225.D

Acq: 25 Aug 2020 23:11

Instrument :

BNA_M

ClientSampleId :

DBFX4DL

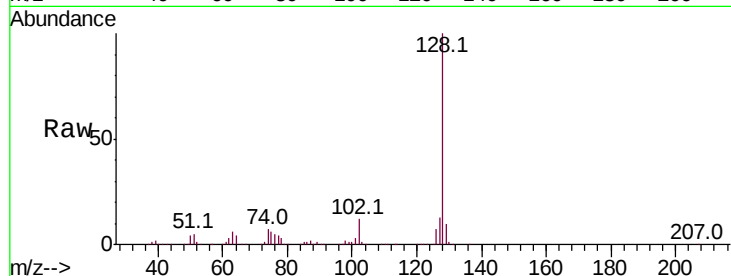
Tot Ion:128 Resp: 1179332

Ion Ratio Lower Upper

128 100

129 10.4 8.9 13.3

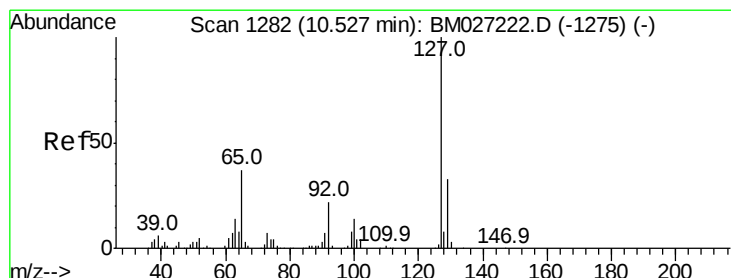
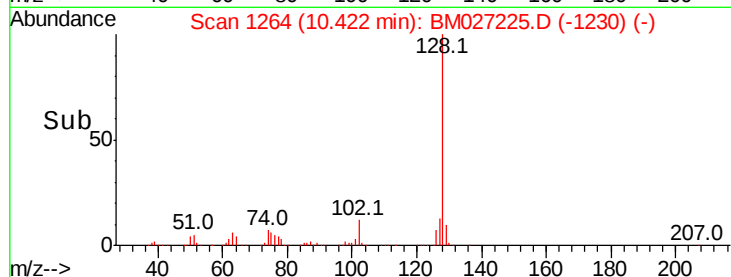
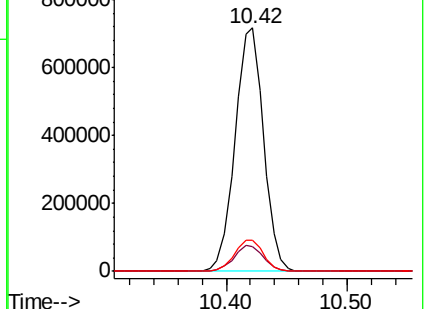
127 12.8 10.4 15.6



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: 12.520 ng/ul

RT: 10.42 min Scan# 1264

Delta R.T. -0.11 min

Lab File: BM027225.D

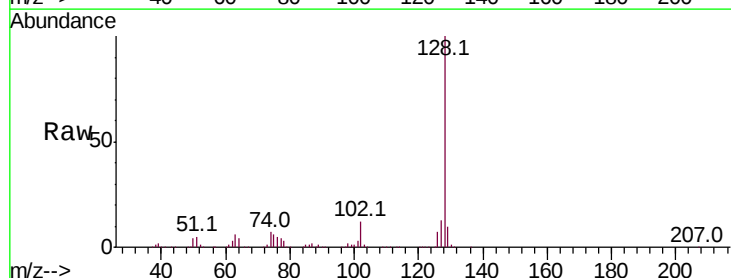
Acq: 25 Aug 2020 23:11

Tgt Ion:127 Resp: 153527

Ion Ratio Lower Upper

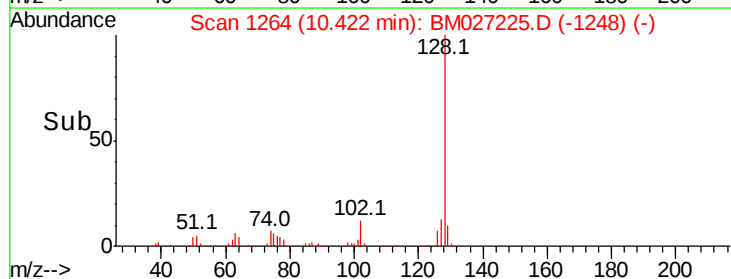
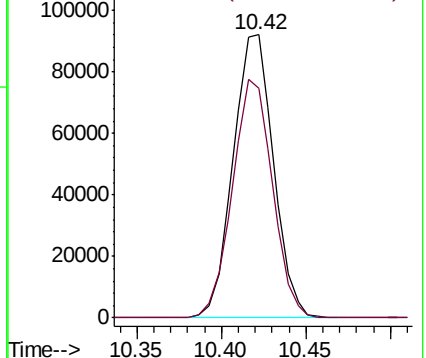
127 100

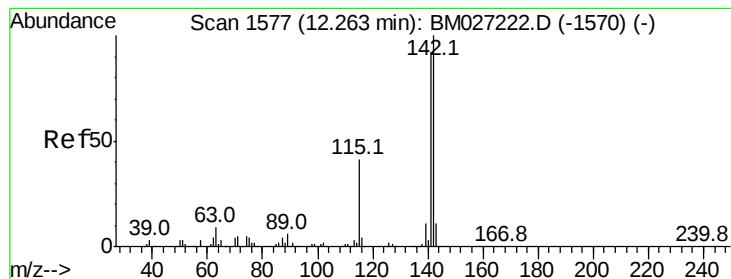
129 81.1 24.5 36.7#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#35

1-Methylnaphthalene

Concen: 2.845 ng/ul

RT: 12.26 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BM027225.D

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Instrument :

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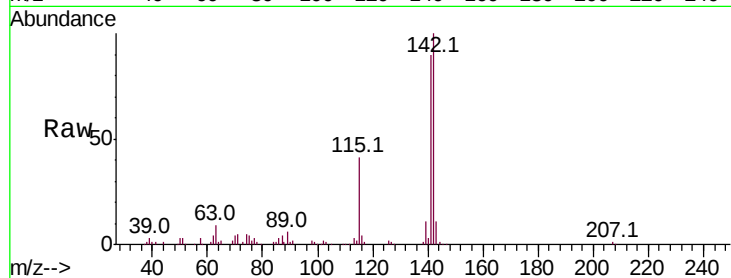
Tot Ion:142 Resp: 67698

Ion Ratio Lower Upper

142 100

141 90.4 72.5 108.7

116 4.3 3.2 4.8

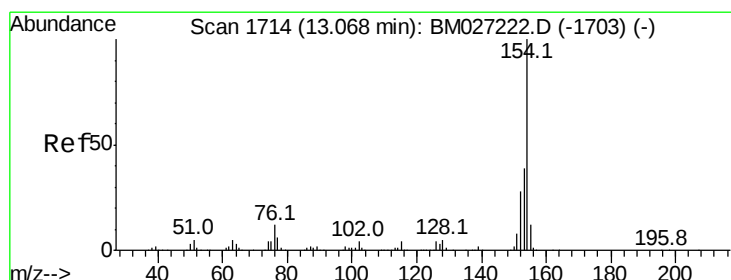
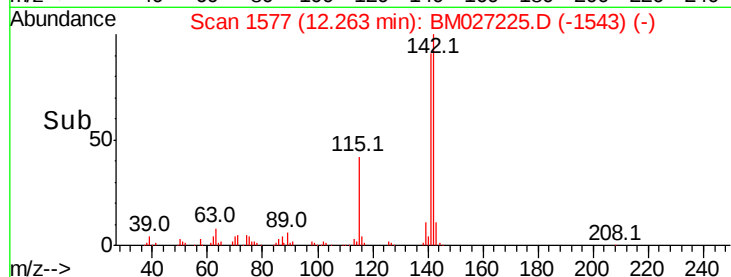
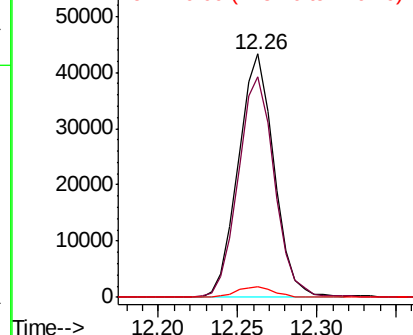


Abundance

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: 1.002 ng/ul

RT: 13.07 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BM027225.D

Acq: 25 Aug 2020 23:11

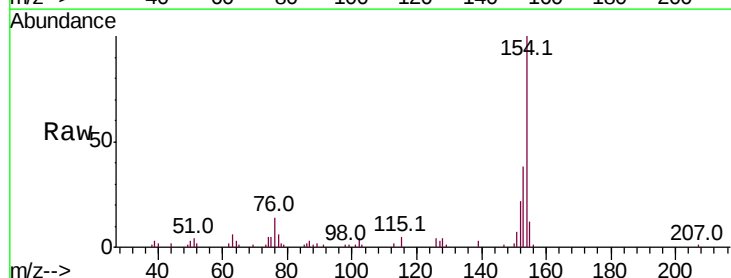
Tgt Ion:154 Resp: 34120

Ion Ratio Lower Upper

154 100

153 38.5 32.2 48.2

76 13.5 10.2 15.4

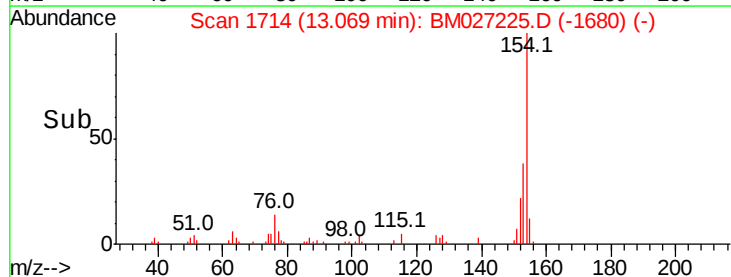
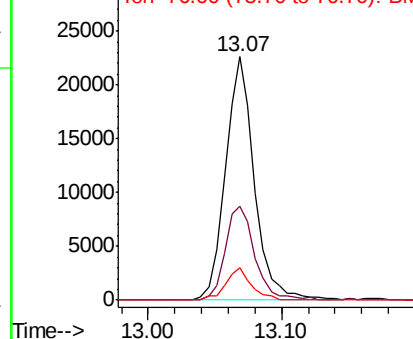


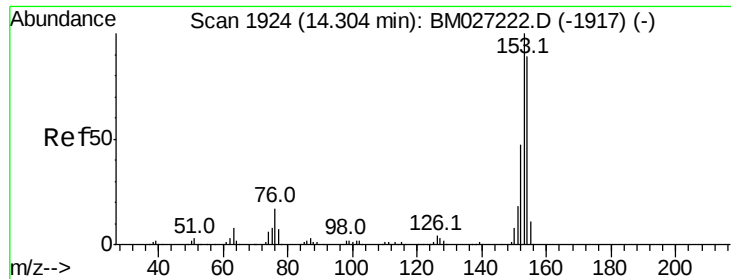
Abundance

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: 4.675 ng/ul

RT: 14.30 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BM027225.D

Acq: 25 Aug 2020 23:11

Instrument :

BNA_M

ClientSampleId :

DBFX4DL

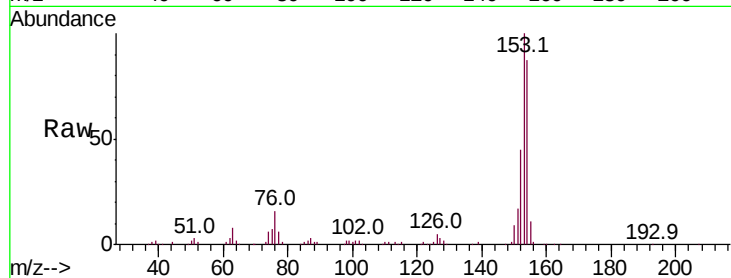
Tot Ion:153 Resp: 133262

Ion Ratio Lower Upper

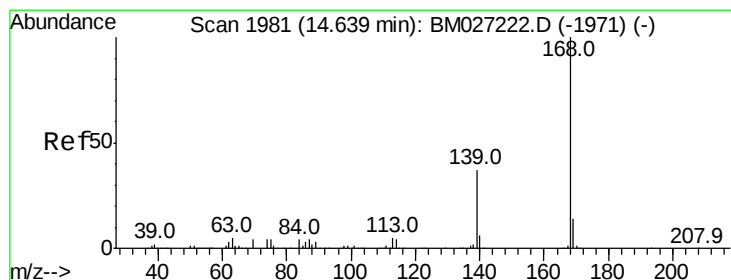
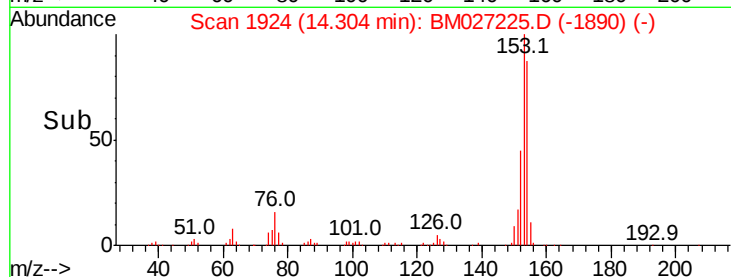
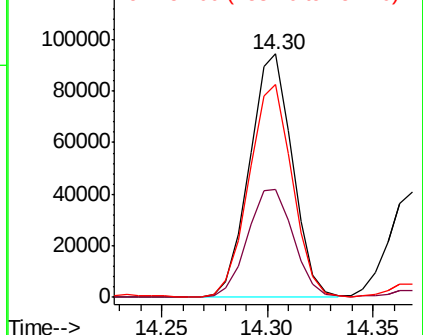
153 100

152 44.5 37.4 56.2

154 87.3 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: 2.750 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM027225.D

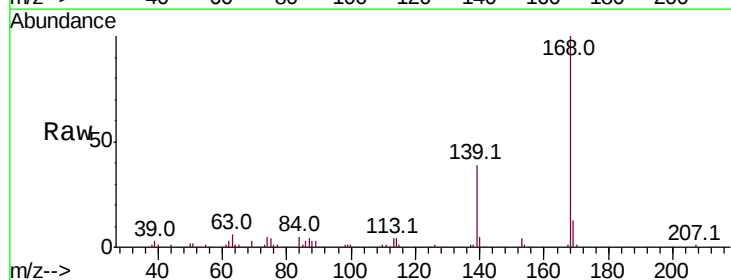
Acq: 25 Aug 2020 23:11

Tgt Ion:168 Resp: 112523

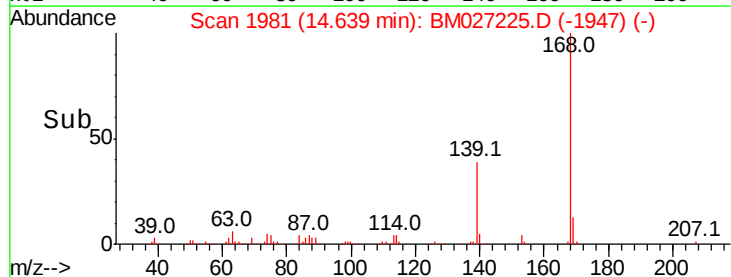
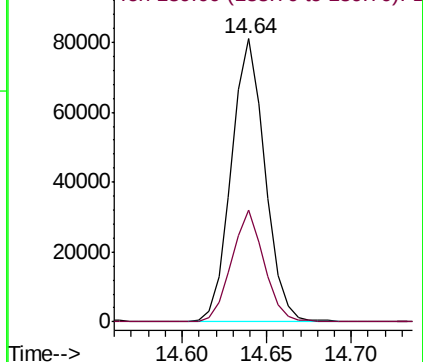
Ion Ratio Lower Upper

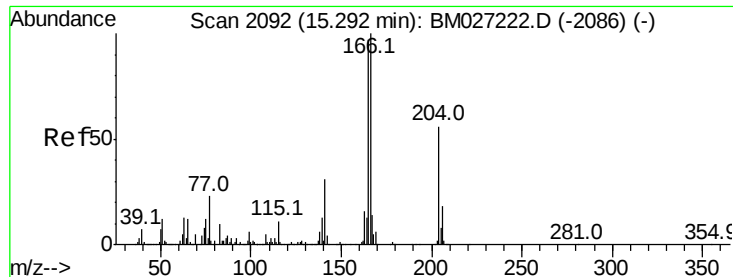
168 100

139 39.4 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: 2.109 ng/ul

RT: 15.29 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BM027225.D

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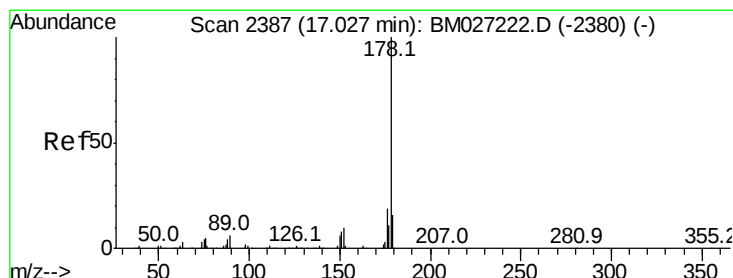
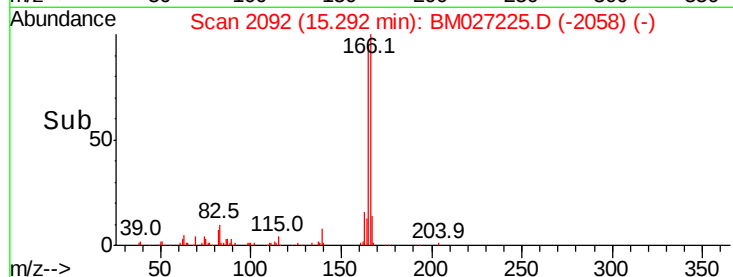
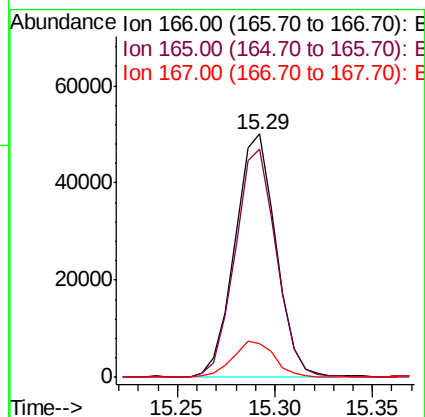
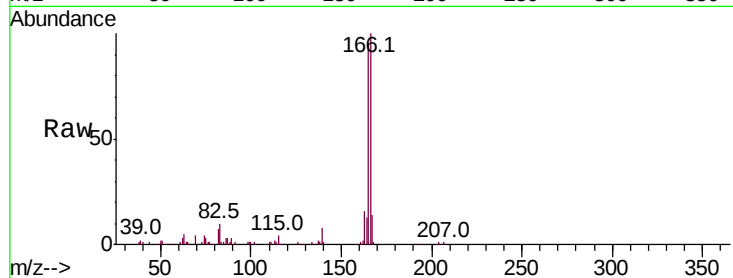
Tot Ion:166 Resp: 73186

Ion Ratio Lower Upper

166 100

165 93.9 76.9 115.3

167 13.9 10.7 16.1



#70

Phenanthrene

Concen: 1.121 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM027225.D

Acq: 25 Aug 2020 23:11

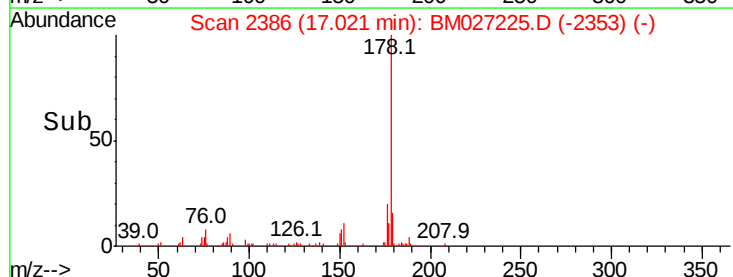
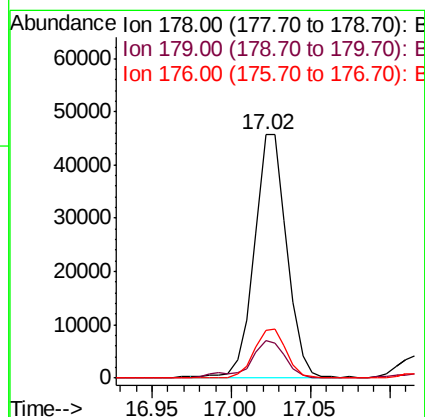
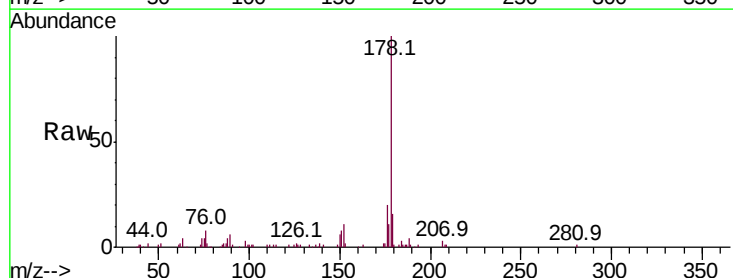
Tgt Ion:178 Resp: 64249

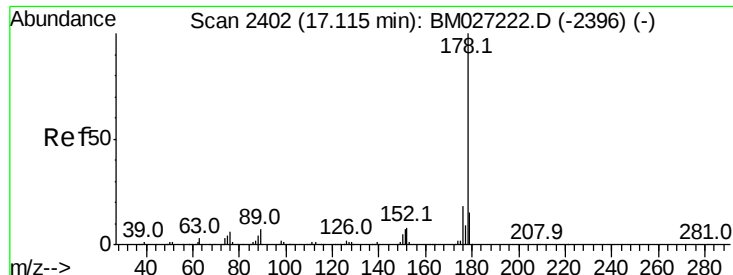
Ion Ratio Lower Upper

178 100

179 15.5 12.0 18.0

176 19.7 14.6 22.0





#72

Anthracene

Concen: 1.101 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.09 min

Lab File: BM027225.D

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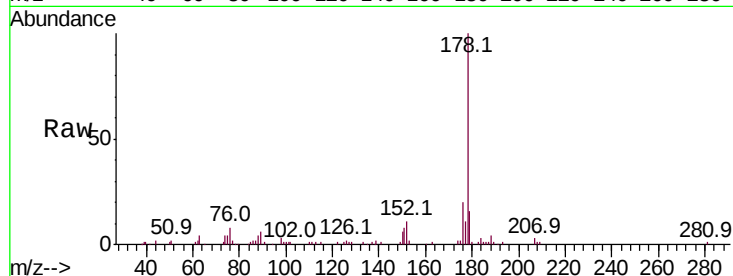
Tot Ion:178 Resp: 64249

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

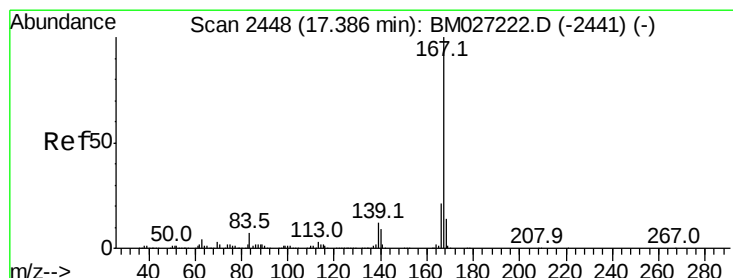
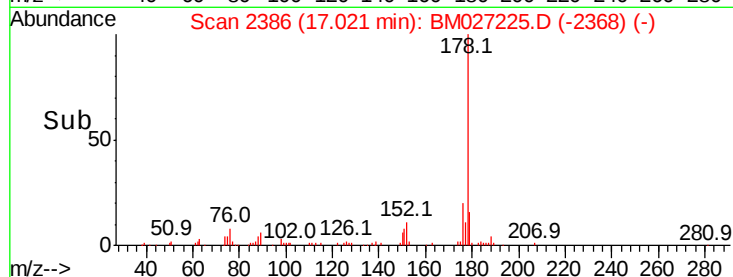
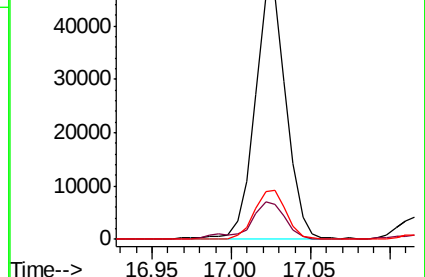
176 19.7 14.8 22.2



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: 5.375 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BM027225.D

Acq: 25 Aug 2020 23:11

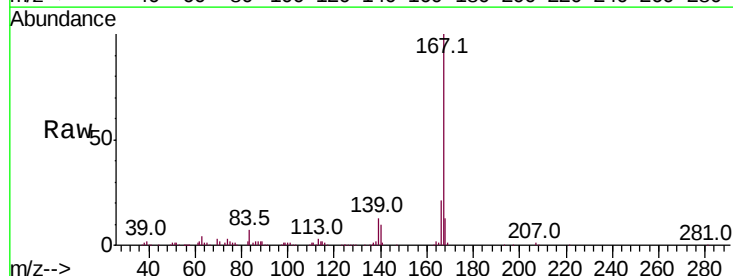
Tgt Ion:167 Resp: 258623

Ion Ratio Lower Upper

167 100

166 20.8 16.2 24.4

139 12.8 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

