

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027224.D
 Acq On : 25 Aug 2020 22:35
 Operator : JU/CG
 Sample : L3668-13DL2 25X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFX3DL2

Quant Time: Aug 26 09:54:02 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	126602	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	502746	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	361781	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	837379	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	935016	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	903680	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.79	99	1841	0.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	7172	1.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	6107	0.77	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.75	128	3500	0.87	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.01	165	7117	0.75	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.66	166	36294	1.26	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	35330	1.04	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.23	176	31209	1.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	3481	0.64	ng/ul	0.00
71) Anthracene-d10	17.08	188	50090	1.26	ng/ul	0.00
79) Pyrene-d10	19.38	212	56559	1.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	61748	1.23	ng/ul	0.00

Target Compounds

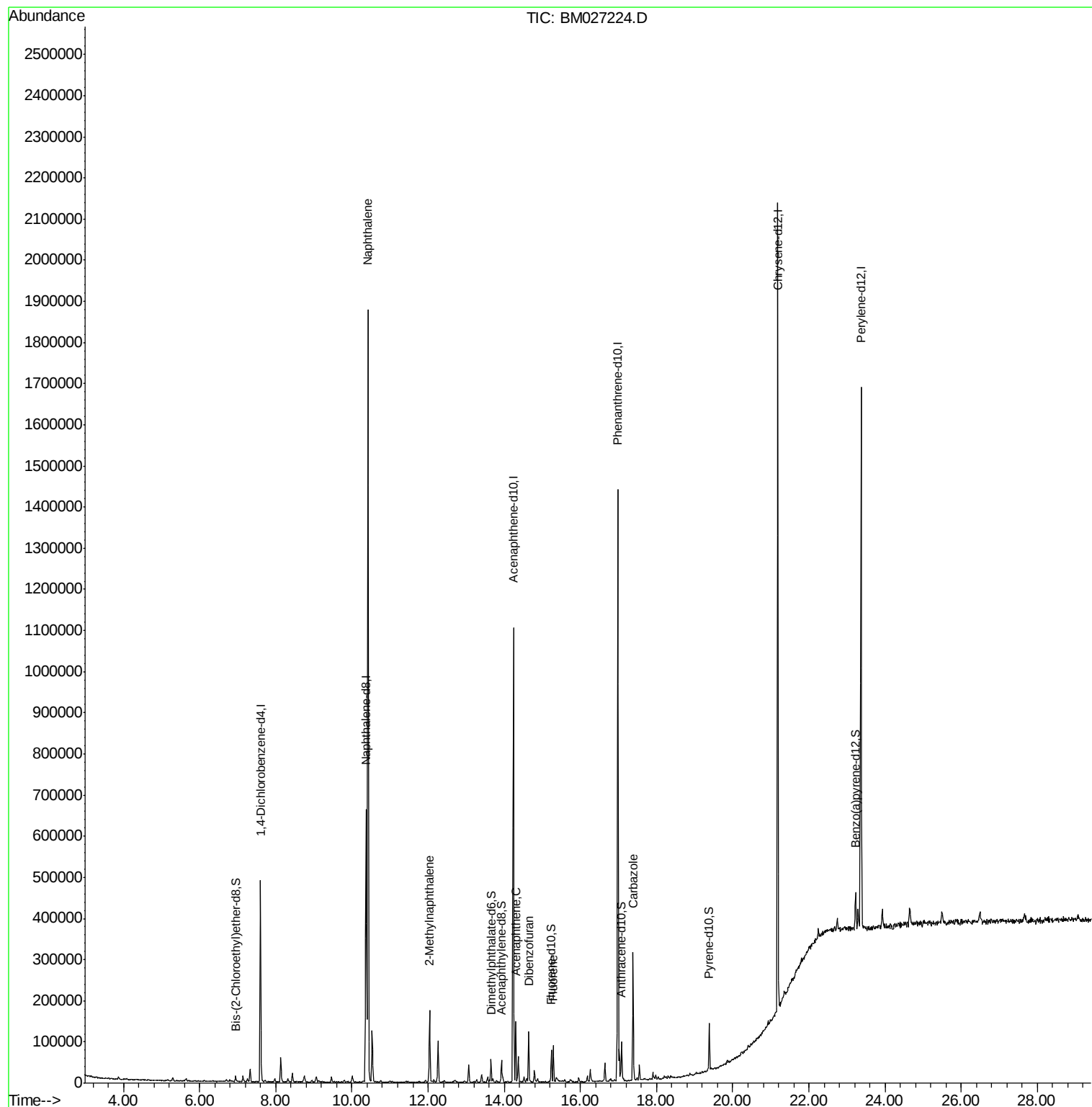
					Ovalue	
28) Naphthalene	10.42	128	1411682	52.724	ng/ul	100
34) 2-Methylnaphthalene	12.04	142	78531	3.861	ng/ul	95
50) Acenaphthene	14.30	153	57207	2.407	ng/ul	98
54) Dibenzofuran	14.64	168	73693	2.160	ng/ul	97
59) Fluorene	15.29	166	37558	1.298	ng/ul	97
75) Carbazole	17.39	167	181782	4.529	ng/ul	98

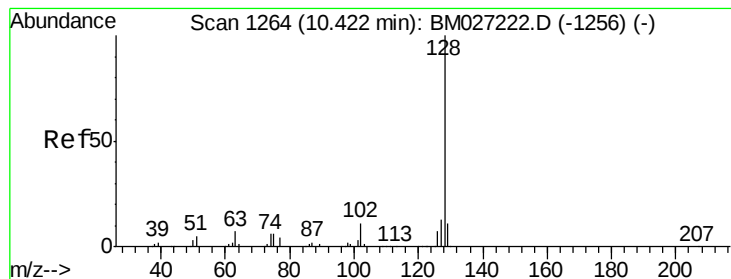
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 52.724 ng/ul

RT: 10.42 min Scan# 1264

Delta R.T. 0.00 min

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BNA_M

ClientSampleId :

DBFX3DL2

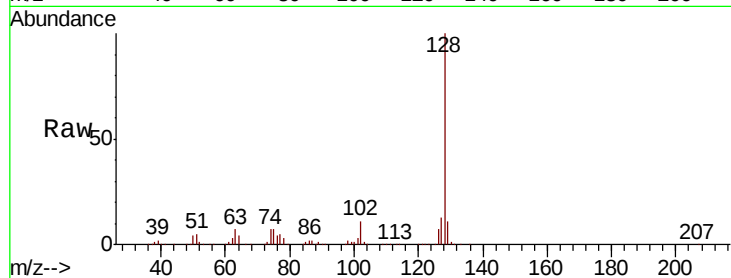
Tot Ion:128 Resp: 1411682

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

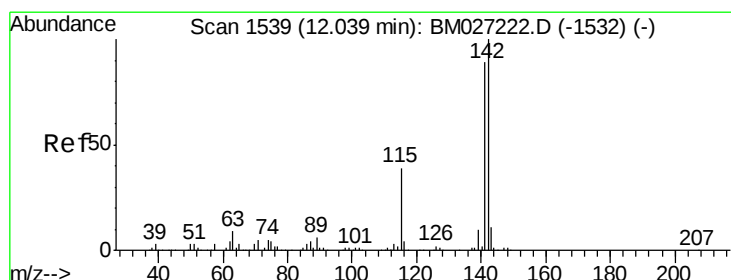
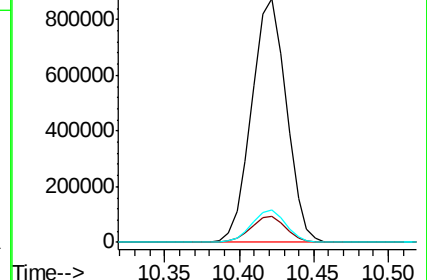
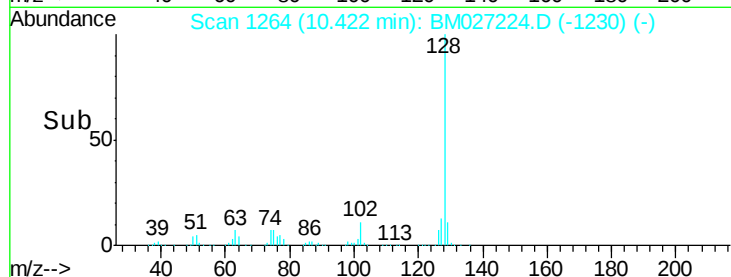
127 13.1 10.4 15.6



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



#34

2-Methylnaphthalene

Concen: 3.861 ng/ul

RT: 12.04 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM027224.D

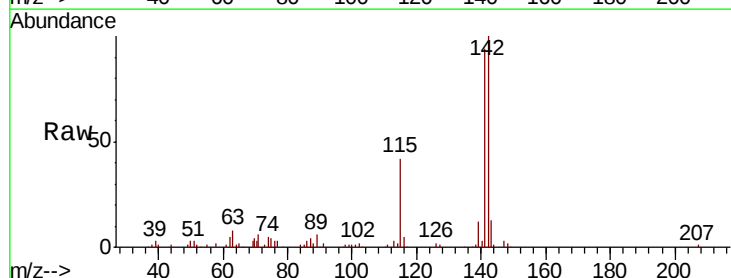
Acq: 25 Aug 2020 22:35

Tgt Ion:142 Resp: 78531

Ion Ratio Lower Upper

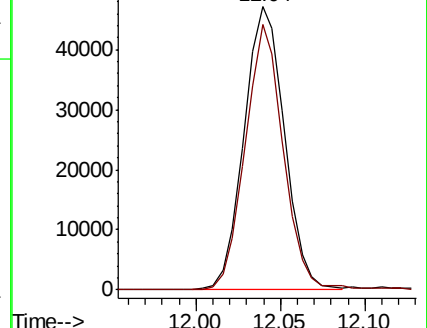
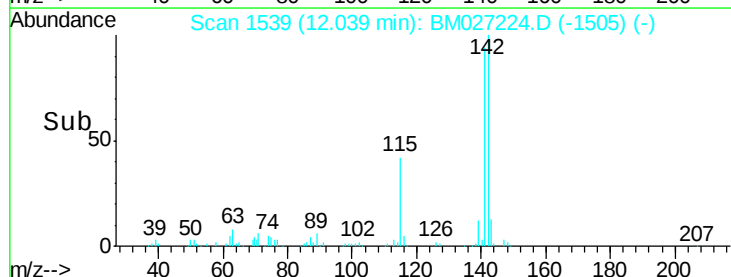
142 100

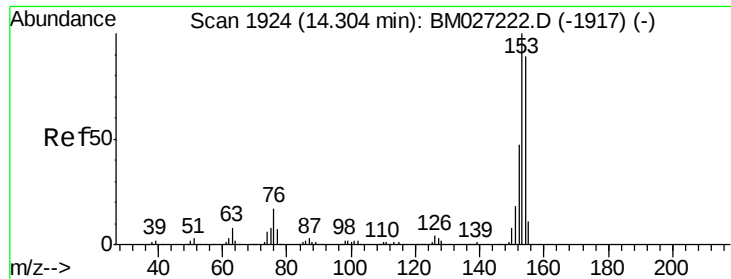
141 93.8 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#50

Acenaphthene

Concen: 2.407 ng/ul

RT: 14.30 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BM027224.D

Acq: 25 Aug 2020 22:35

Instrument :

BNA_M

ClientSampleId :

DBFX3DL2

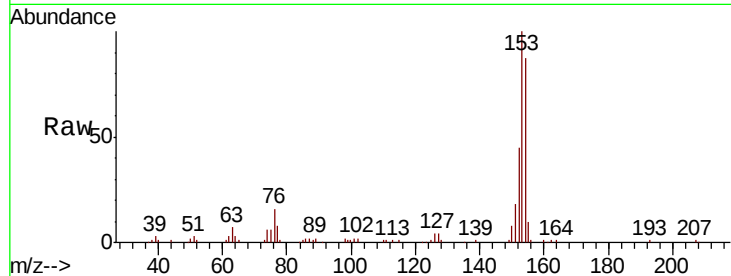
Tot Ion:153 Resp: 57207

Ion Ratio Lower Upper

153 100

152 44.7 37.4 56.2

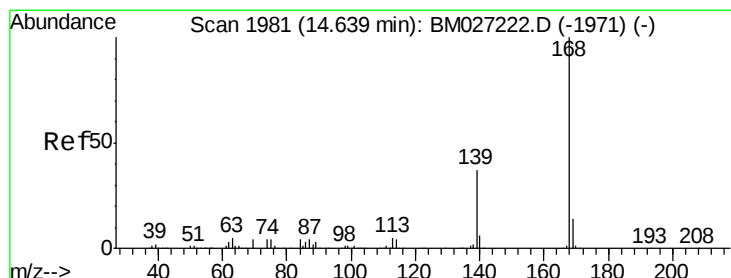
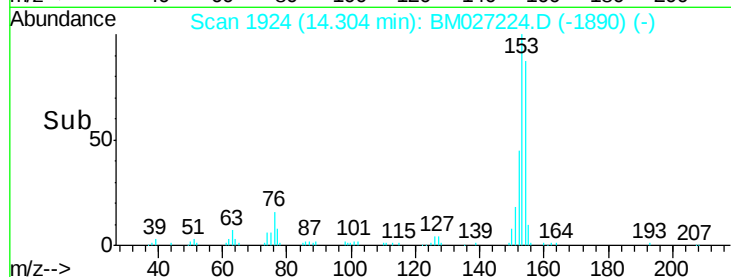
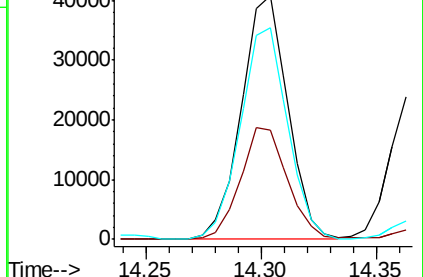
154 86.7 70.2 105.4



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: 2.160 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM027224.D

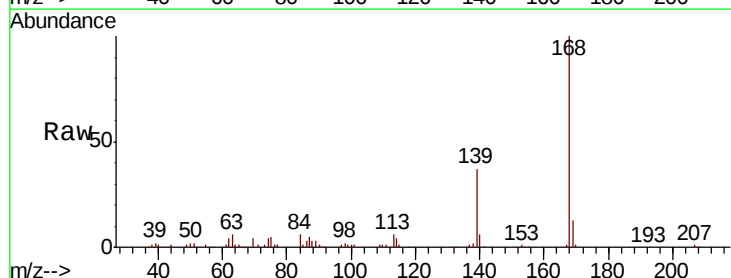
Acq: 25 Aug 2020 22:35

Tgt Ion:168 Resp: 73693

Ion Ratio Lower Upper

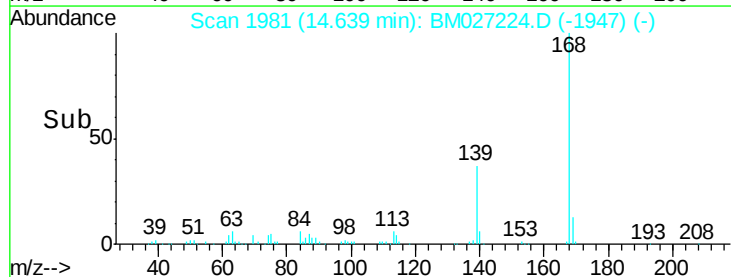
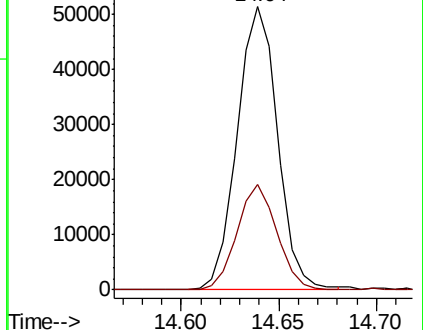
168 100

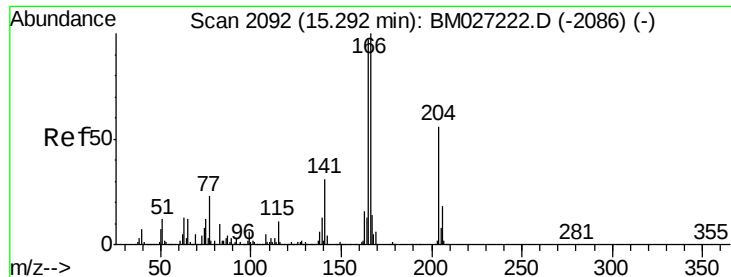
139 37.2 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.298 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BM027224.D

Acq: 25 Aug 2020 22:35

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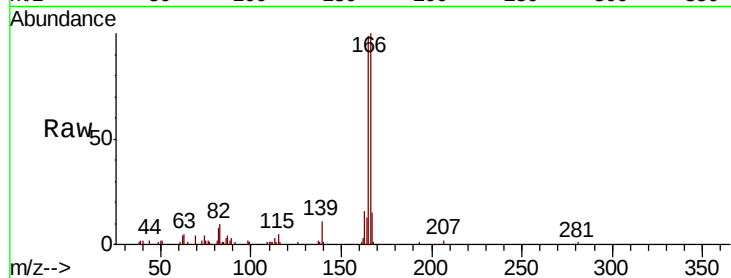
Tot Ion:166 Resp: 37558

Ion Ratio Lower Upper

166 100

165 99.2 76.9 115.3

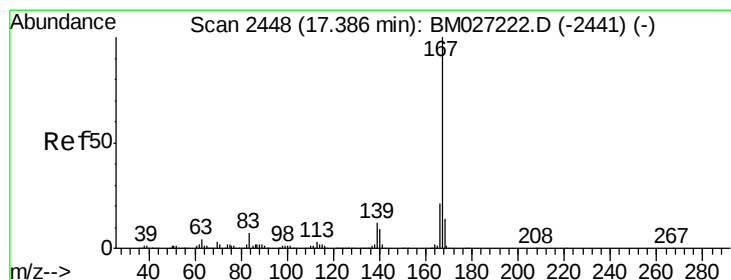
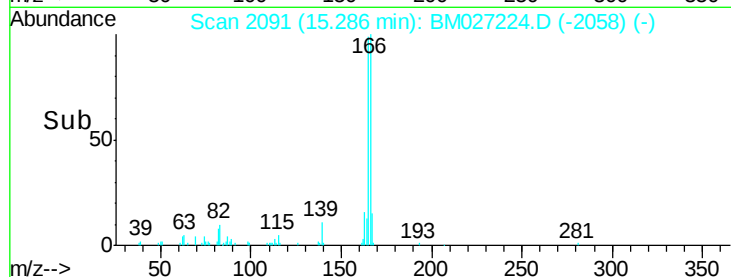
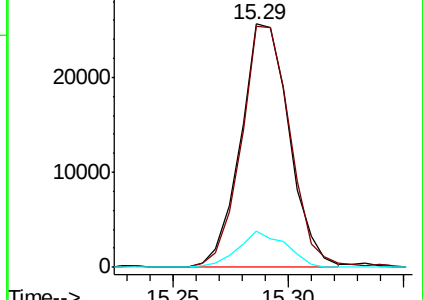
167 14.7 10.7 16.1



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



#75

Carbazole

Concen: 4.529 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BM027224.D

Acq: 25 Aug 2020 22:35

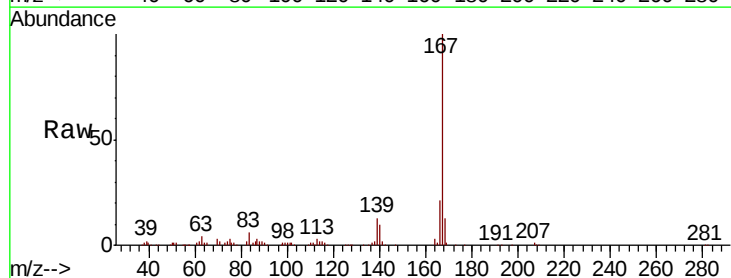
Tgt Ion:167 Resp: 181782

Ion Ratio Lower Upper

167 100

166 20.8 16.2 24.4

139 13.0 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

