

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
 Data File : BM028934.D
 Acq On : 27 Feb 2021 00:14
 Operator : CG/JU
 Sample : M1482-10DL 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGN1DL

Quant Time: Feb 27 04:41:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 27 00:11:27 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	16593	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	69730	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	43774	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	92275	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	82140	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	72896	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.12	67	1818	2.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	1979	1.85	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.95	128	1162	2.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	1143	2.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	2120	2.04	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.85	166	10824	3.60	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	10683	2.65	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.43	176	9001	3.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	895	1.63	ng/ul	0.00
71) Anthracene-d10	17.27	188	14995	3.57	ng/ul	0.00
79) Pyrene-d10	19.56	212	15491	3.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	13105	3.54	ng/ul	0.00

Target Compounds

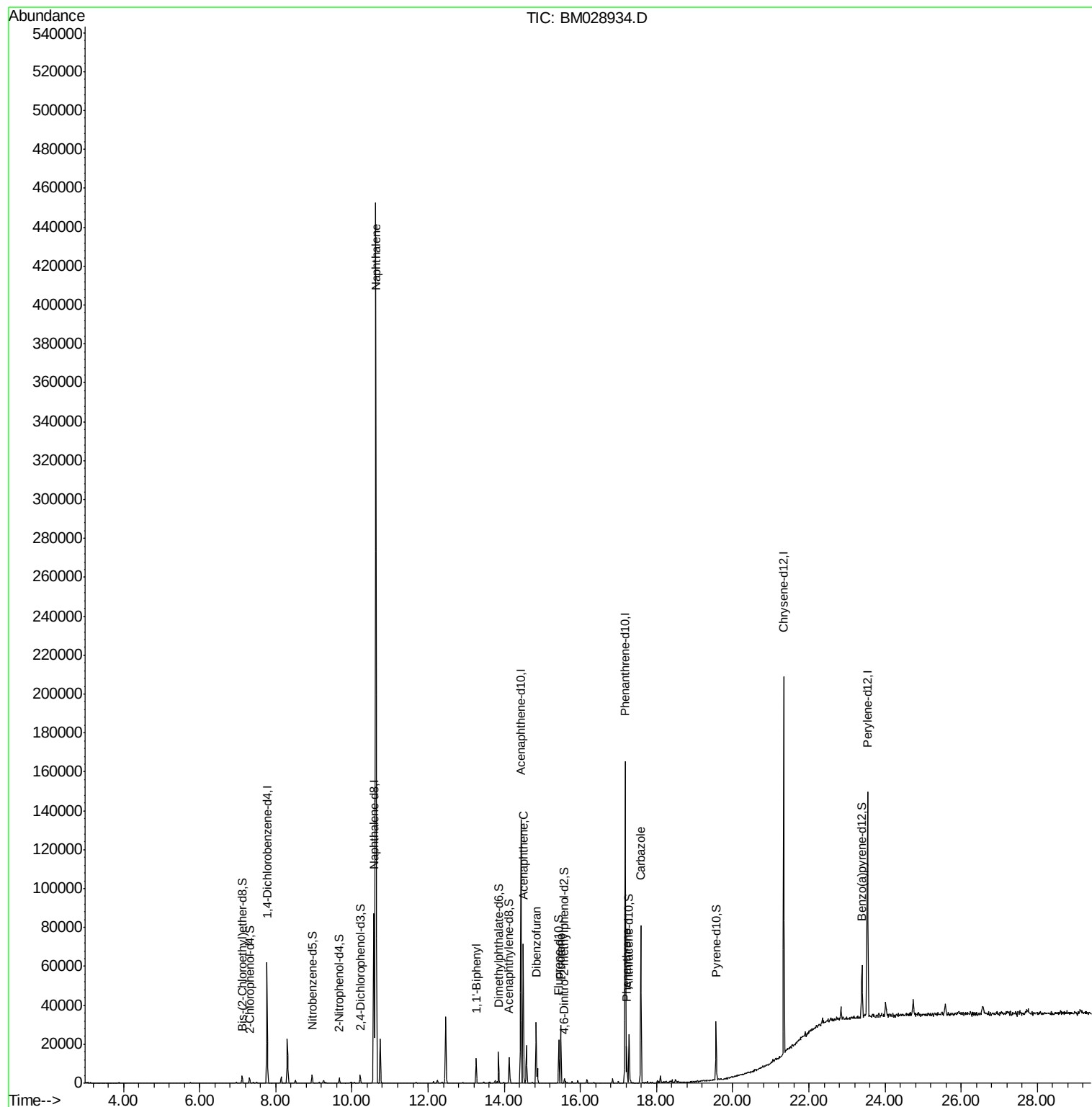
					Ovalue	
28) Naphthalene	10.63	128	339562	95.452	ng/ul	98
41) 1,1'-Biphenyl	13.26	154	7000	2.051	ng/ul	98
50) Acenaphthene	14.50	153	27683	9.983	ng/ul	96
54) Dibenzofuran	14.84	168	20175	5.255	ng/ul	96
59) Fluorene	15.49	166	13385	4.251	ng/ul	98
70) Phenanthrene	17.22	178	12042	2.381	ng/ul	97
75) Carbazole	17.59	167	49823	10.821	ng/ul	99

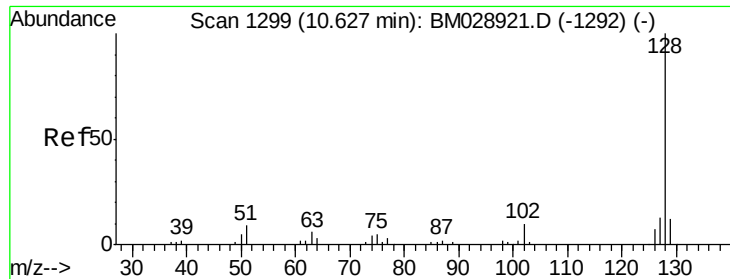
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 95.452 ng/ul

RT: 10.63 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BM028934.D

Acq: 27 Feb 2021 00:14

Instrument :

BNA_M

ClientSampleId :

DBGN1DL

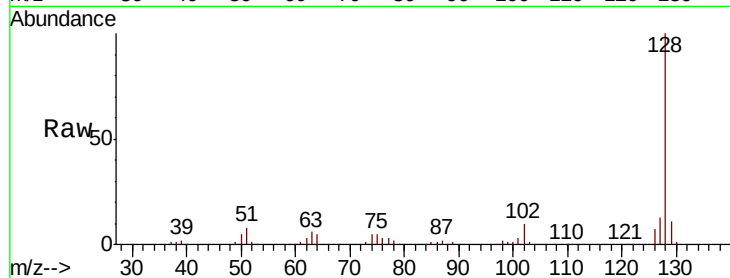
Tot Ion:128 Resp: 339562

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

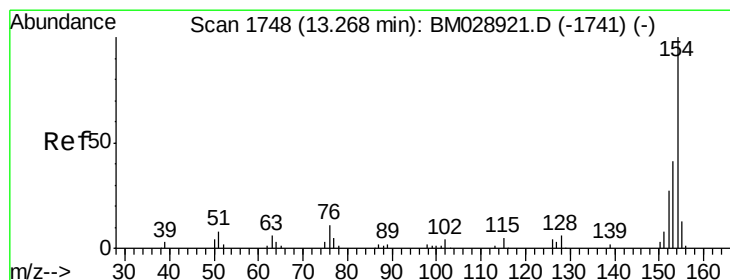
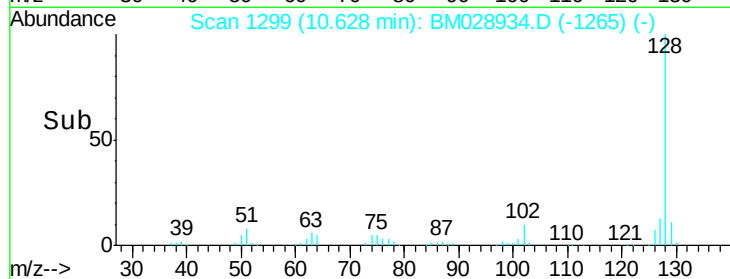
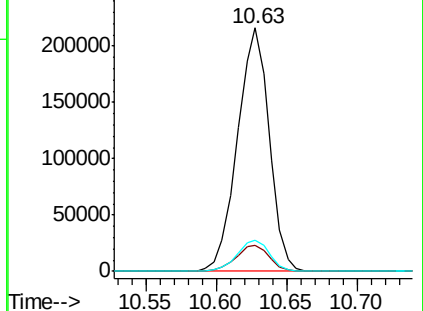
127 12.8 9.4 14.0



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



#41

1,1'-Biphenyl

Concen: 2.051 ng/ul

RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BM028934.D

Acq: 27 Feb 2021 00:14

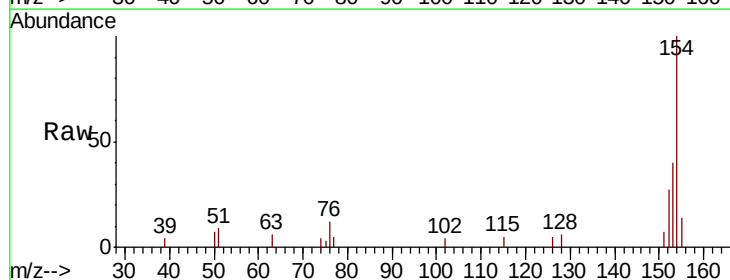
Tgt Ion:154 Resp: 7000

Ion Ratio Lower Upper

154 100

153 40.1 31.1 46.7

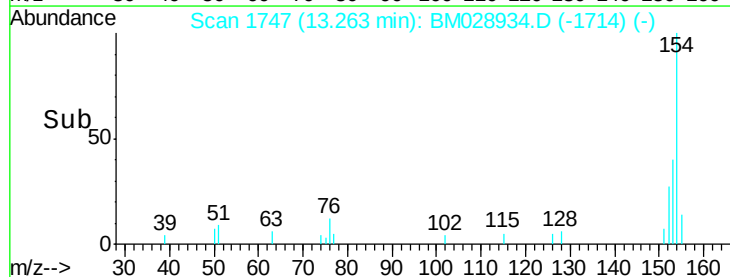
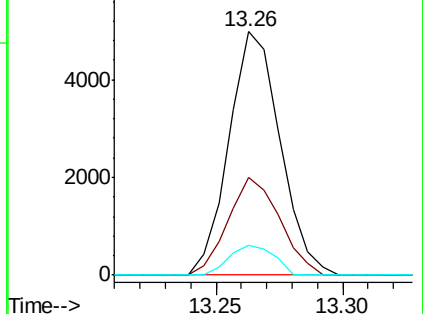
76 12.3 9.1 13.7

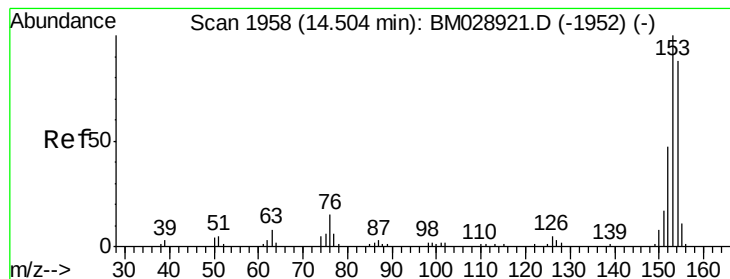


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





#50

Acenaphthene

Concen: 9.983 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM028934.D

Acq: 27 Feb 2021 00:14

Instrument :

BNA_M

ClientSampleId :

DBGN1DL

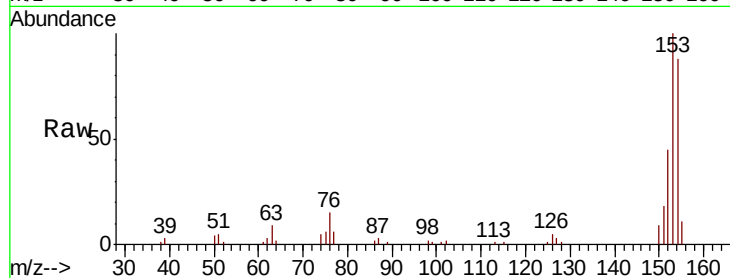
Tot Ion:153 Resp: 27683

Ion Ratio Lower Upper

153 100

152 45.5 37.6 56.4

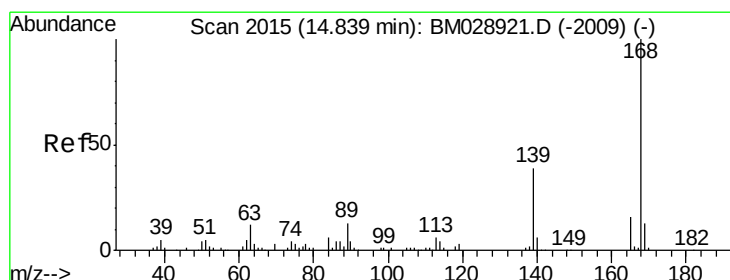
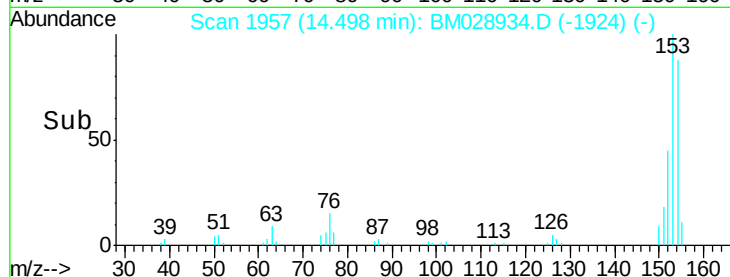
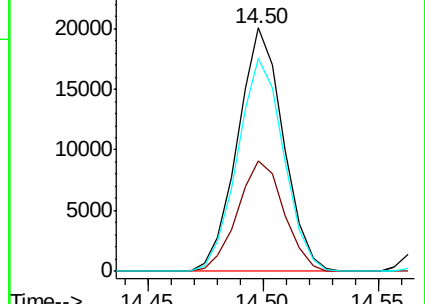
154 87.6 73.6 110.4



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: 5.255 ng/ul

RT: 14.84 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BM028934.D

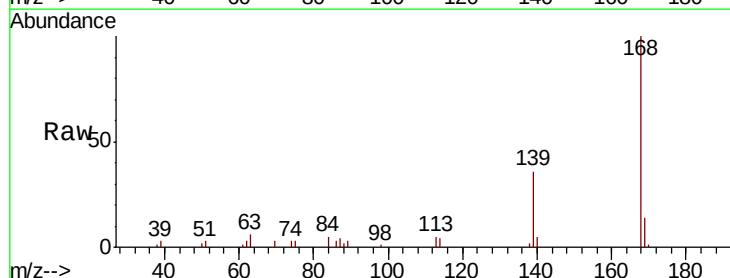
Acq: 27 Feb 2021 00:14

Tgt Ion:168 Resp: 20175

Ion Ratio Lower Upper

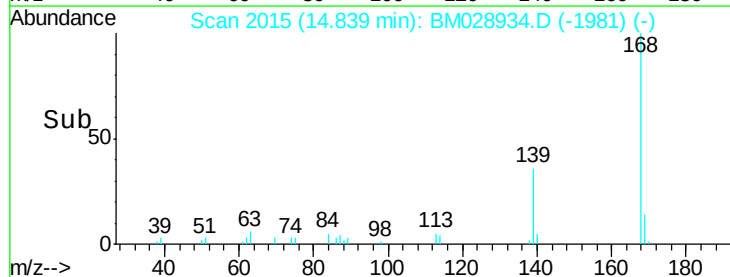
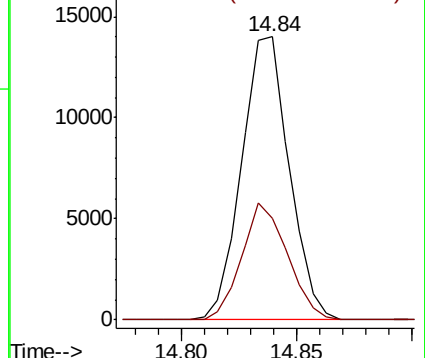
168 100

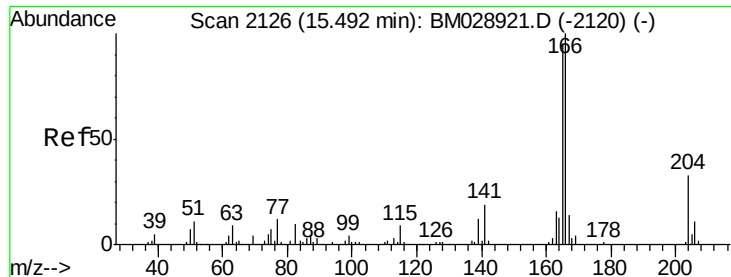
139 36.0 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 4.251 ng/ul

RT: 15.49 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BM028934.D

Acq: 27 Feb 2021 00:14

Instrument :

BNA_M

ClientSampleId :

DBGN1DL

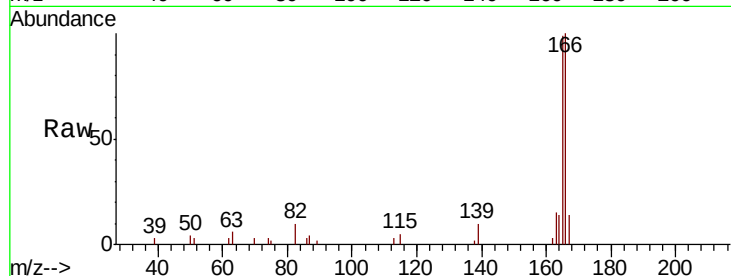
Tot Ion:166 Resp: 13385

Ion Ratio Lower Upper

166 100

165 99.0 77.4 116.0

167 14.4 10.6 15.8



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

12000

10000

8000

6000

4000

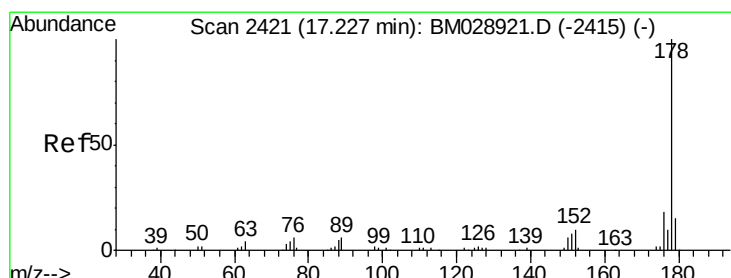
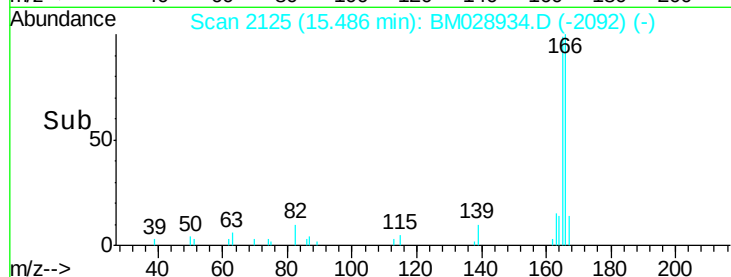
2000

0

15.45

15.50

Time-->



#70

Phenanthrene

Concen: 2.381 ng/ul

RT: 17.22 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BM028934.D

Acq: 27 Feb 2021 00:14

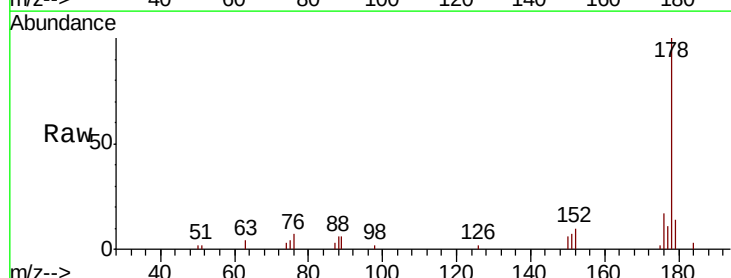
Tgt Ion:178 Resp: 12042

Ion Ratio Lower Upper

178 100

179 14.4 12.2 18.2

176 17.3 15.0 22.6



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

12000

10000

8000

6000

4000

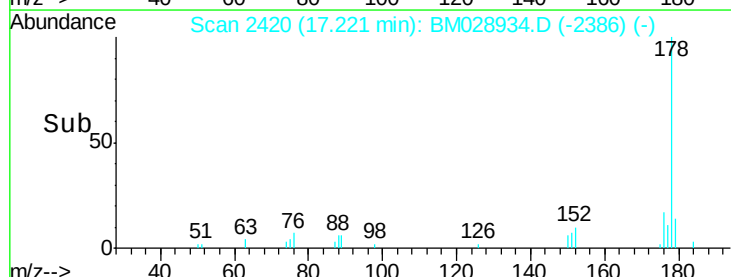
2000

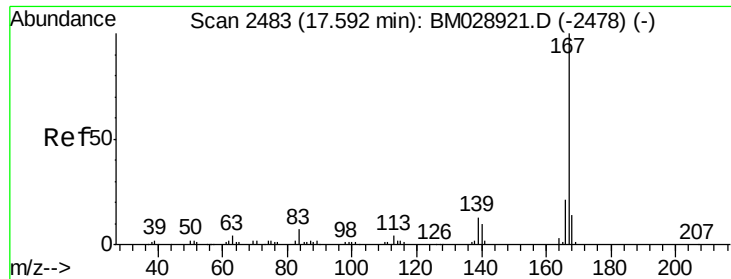
0

17.20

17.25

Time-->





#75

Carbazole

Concen: 10.821 ng/ul

RT: 17.59 min Scan# 2482

Delta R.T. -0.01 min

Lab File: BM028934.D

Acq: 27 Feb 2021 00:14

Instrument :

BNA_M

ClientSampleId :

DBGN1DL

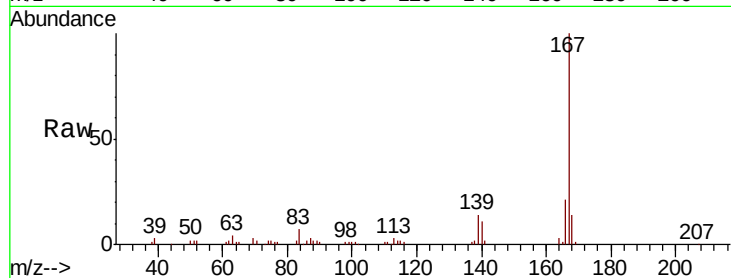
Tot Ion:167 Resp: 49823

Ion Ratio Lower Upper

167 100

166 20.5 16.3 24.5

139 13.8 10.4 15.6



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

