

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
 Data File : BM028928.D
 Acq On : 26 Feb 2021 20:36
 Operator : CG/JU
 Sample : M1482-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ5

Quant Time: Feb 26 22:17:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 26 15:22:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	15575	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	66498	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	42187	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	86879	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	76971	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	66382	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	1768	5.11	ng/uL	0.00
5) Phenol-d5	6.96	99	8201	7.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	22662	35.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	27928	27.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	17167	18.96	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	16744	35.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	19649	36.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	31455	31.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	2224	1.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	114220	39.39	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	138514	35.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	3425	6.79	ng/ul	0.00
58) Fluorene-d10	15.43	176	98801	39.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	18868	36.42	ng/ul	0.00
71) Anthracene-d10	17.28	188	160793	40.71	ng/ul	0.00
79) Pyrene-d10	19.57	212	167348	44.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	139793	41.46	ng/ul	0.00

Target Compounds

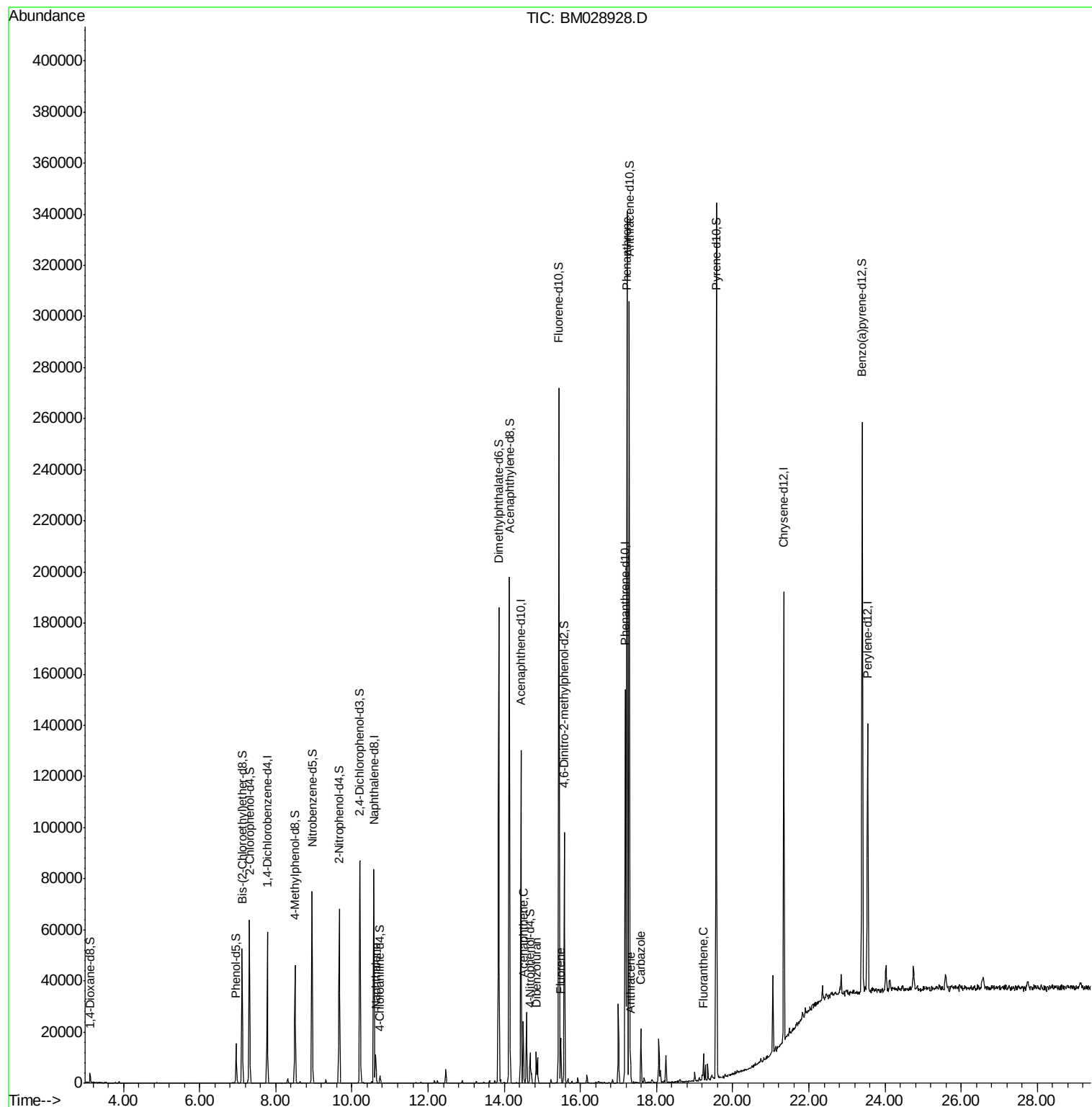
					Ovalue
28) Naphthalene	10.63	128	10007	2.950	ng/ul 98
50) Acenaphthene	14.50	153	10278	3.846	ng/ul 97
54) Dibenzofuran	14.84	168	7754	2.096	ng/ul 98
59) Fluorene	15.49	166	7589	2.501	ng/ul# 95
70) Phenanthrene	17.22	178	202380	42.497	ng/ul 99
72) Anthracene	17.32	178	6835	1.393	ng/ul 98
75) Carbazole	17.59	167	13556	3.127	ng/ul 97
77) Fluoranthene	19.23	202	7382	1.422	ng/ul 98

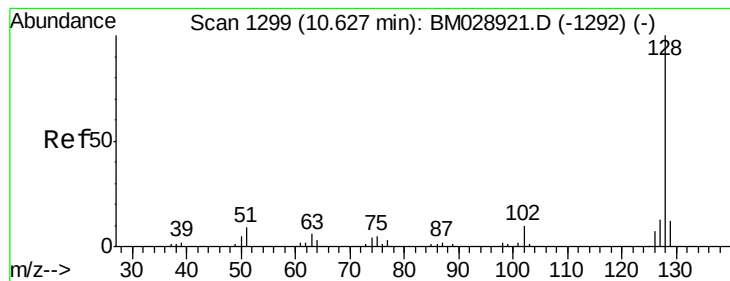
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 2.950 ng/ul

RT: 10.63 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BM028928.D

Acq: 26 Feb 2021 20:36

Instrument :

BNA_M

ClientSampleId :

DBGJ5

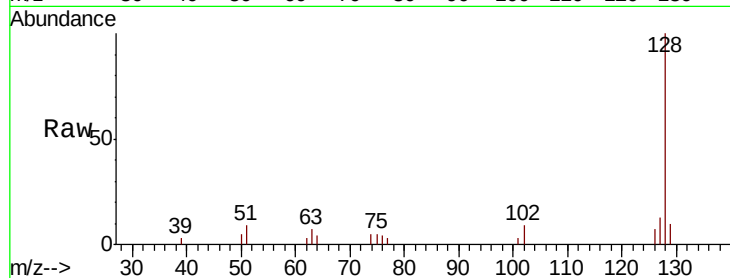
Tot Ion:128 Resp: 10007

Ion Ratio Lower Upper

128 100

129 10.0 8.5 12.7

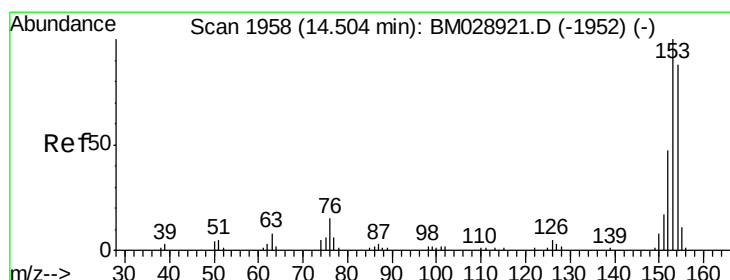
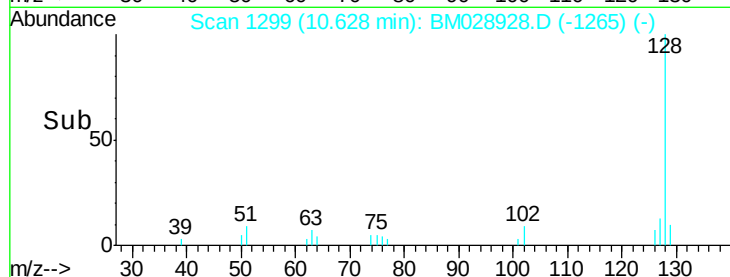
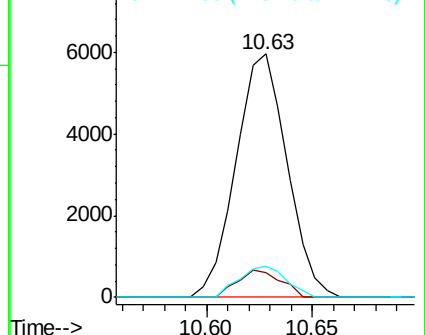
127 12.9 9.4 14.0



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



#50

Acenaphthene

Concen: 3.846 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BM028928.D

Acq: 26 Feb 2021 20:36

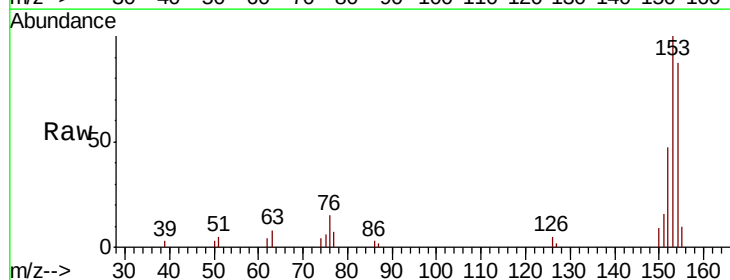
Tgt Ion:153 Resp: 10278

Ion Ratio Lower Upper

153 100

152 47.0 37.6 56.4

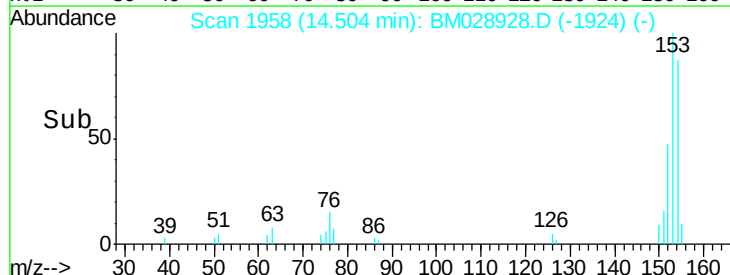
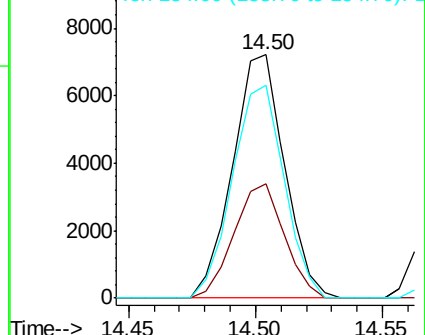
154 87.2 73.6 110.4

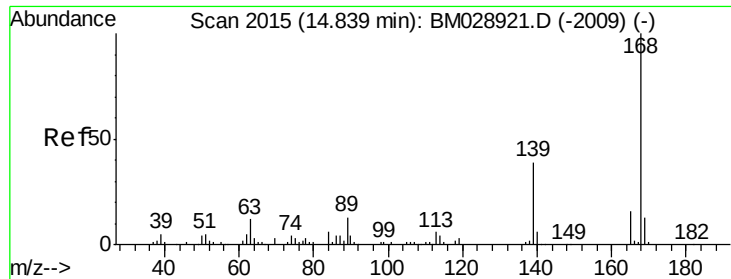


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 2.096 ng/ul

RT: 14.84 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BM028928.D

Acq: 26 Feb 2021 20:36

Instrument :

BNA_M

ClientSampleId :

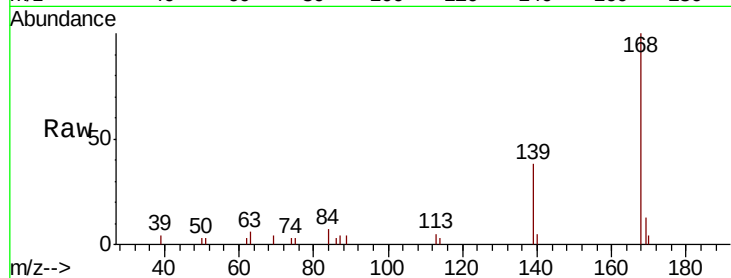
DBGJ5

Tot Ion:168 Resp: 7754

Ion Ratio Lower Upper

168 100

139 37.6 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.84

6000

4000

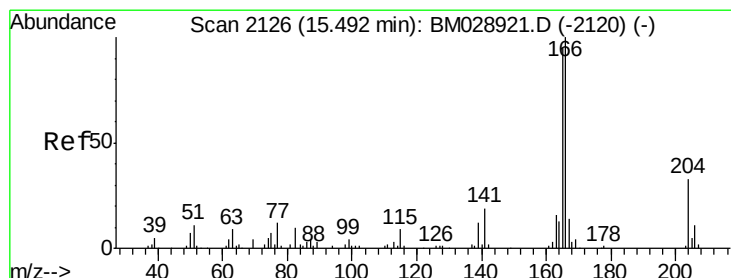
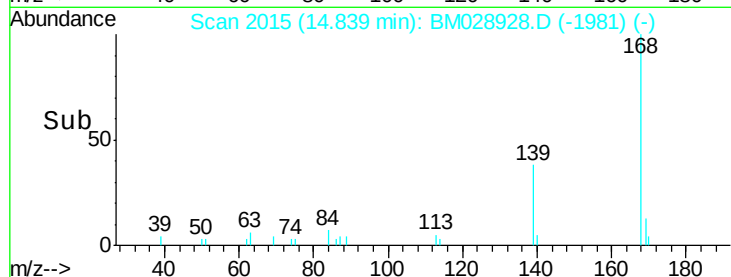
2000

0

Time-->

14.80

14.85



#59

Fluorene

Concen: 2.501 ng/ul

RT: 15.49 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BM028928.D

Acq: 26 Feb 2021 20:36

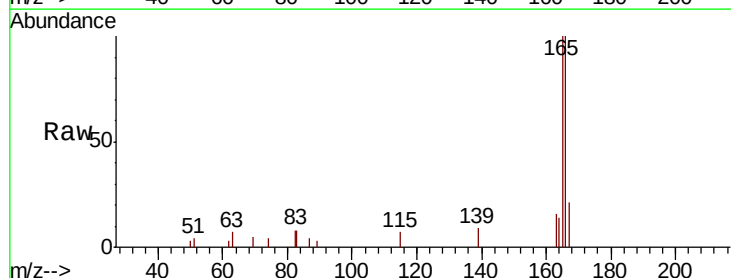
Tgt Ion:166 Resp: 7589

Ion Ratio Lower Upper

166 100

165 100.1 77.4 116.0

167 20.9 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

15.49

6000

4000

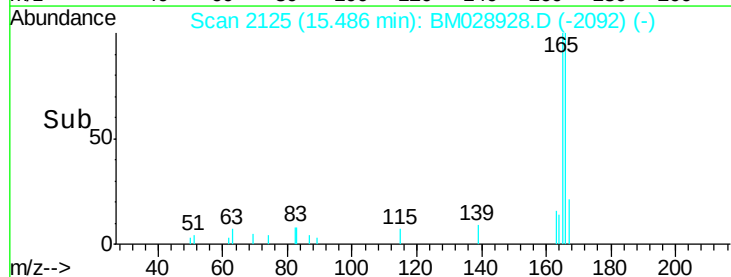
2000

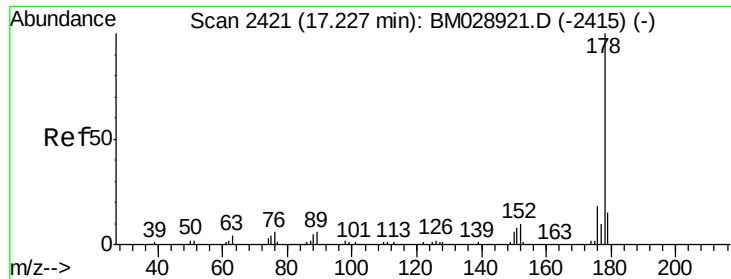
0

Time-->

15.45

15.50





#70

Phenanthrene

Concen: 42.497 ng/ul

RT: 17.22 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BM028928.D

Acq: 26 Feb 2021 20:36

Instrument :

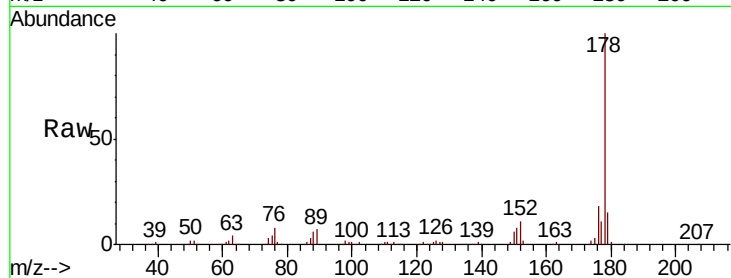
BNA_M

ClientSampleId :

DBGJ5

Tot Ion:178 Resp: 202380

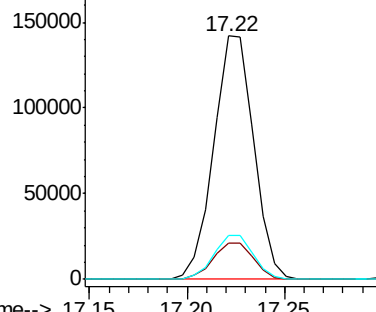
Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.2	15.0	22.6



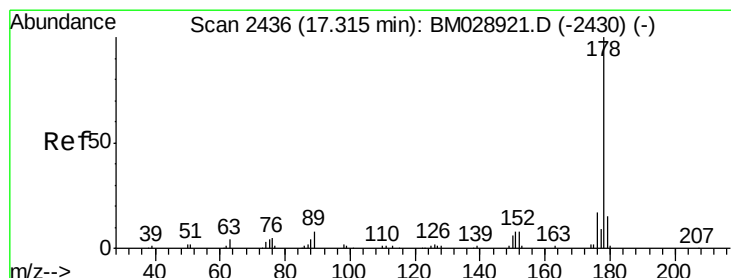
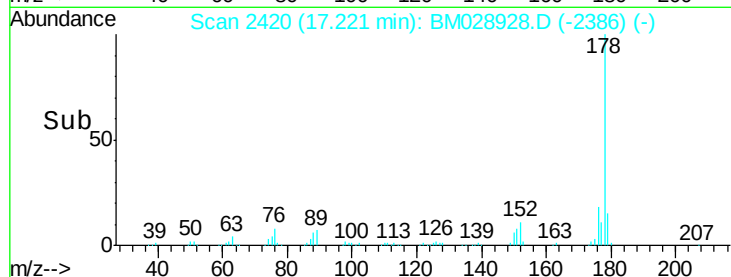
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.15 17.20 17.25



#72

Anthracene

Concen: 1.393 ng/ul

RT: 17.32 min Scan# 2436

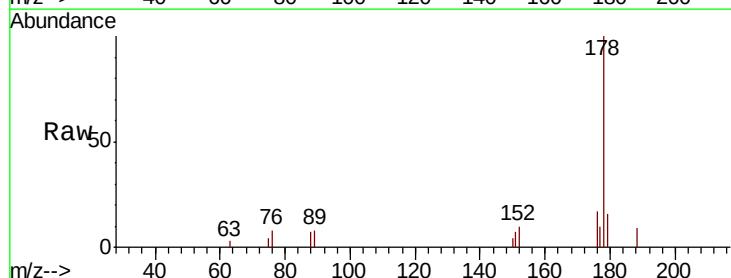
Delta R.T. -0.00 min

Lab File: BM028928.D

Acq: 26 Feb 2021 20:36

Tgt Ion:178 Resp: 6835

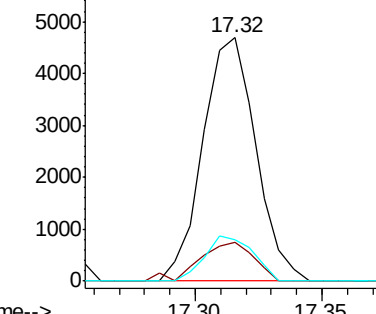
Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.7	17.5
176	17.1	14.1	21.1



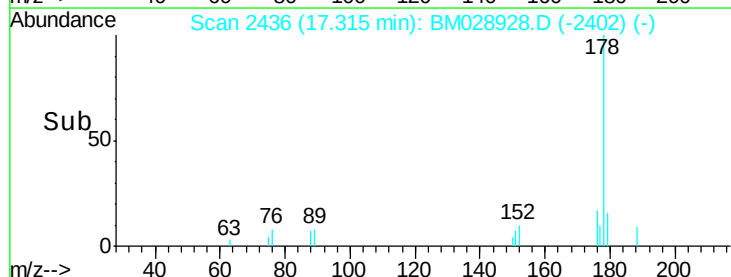
Abundance Ion 178.00 (177.70 to 178.70): E

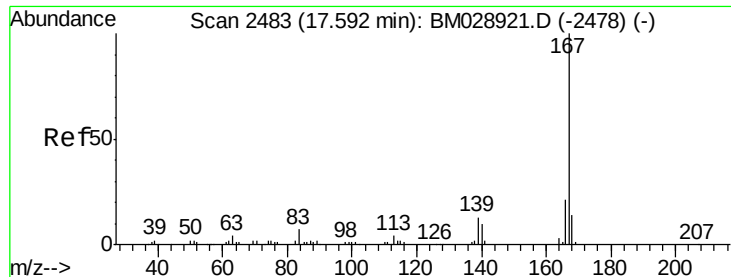
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.30 17.35





#75

Carbazole

Concen: 3.127 ng/ul

RT: 17.59 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BM028928.D

Acq: 26 Feb 2021 20:36

Instrument :

BNA_M

ClientSampleId :

DBGJ5

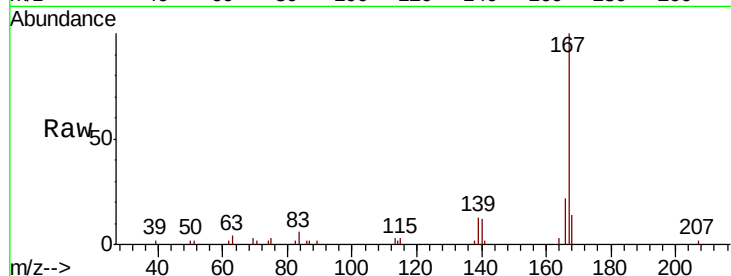
Tot Ion:167 Resp: 13556

Ion Ratio Lower Upper

167 100

166 22.1 16.3 24.5

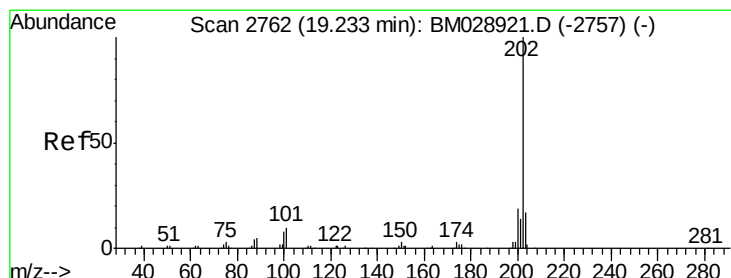
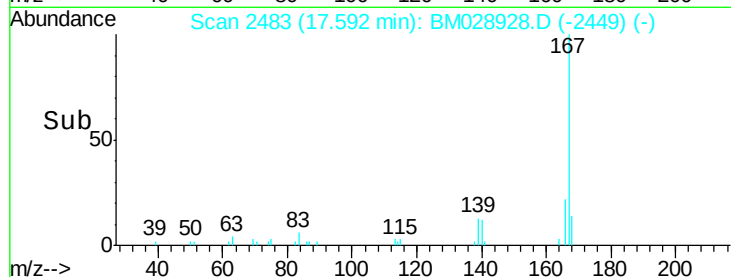
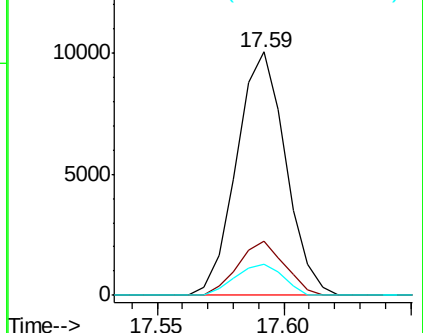
139 12.7 10.4 15.6



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



#77

Fluoranthene

Concen: 1.422 ng/ul

RT: 19.23 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BM028928.D

Acq: 26 Feb 2021 20:36

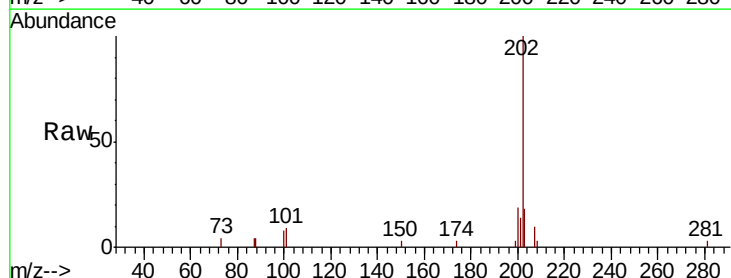
Tgt Ion:202 Resp: 7382

Ion Ratio Lower Upper

202 100

101 9.0 8.1 12.1

100 8.3 6.5 9.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

