

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
 Data File : BM028942.D
 Acq On : 27 Feb 2021 05:40
 Operator : CG/JU
 Sample : M1498-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8G6

Quant Time: Feb 28 23:32:30 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	16321	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	63369	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	36059	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	68515	20.00	ng/ul	-0.01
78) Chrysene-d12	21.34	240	60508	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	59547	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	2184	6.03	ng/uL	0.00
5) Phenol-d5	6.96	99	11856	10.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	25495	38.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	34057	32.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	20711	21.83	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	17841	39.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	20576	40.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	34480	36.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	19669	18.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	98351	39.68	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	130617	39.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	3884	9.01	ng/ul	0.00
58) Fluorene-d10	15.43	176	85019	39.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	15399	37.69	ng/ul	0.00
71) Anthracene-d10	17.27	188	124695	40.04	ng/ul	0.00
79) Pyrene-d10	19.56	212	126242	42.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	122773	40.59	ng/ul	0.00

Target Compounds

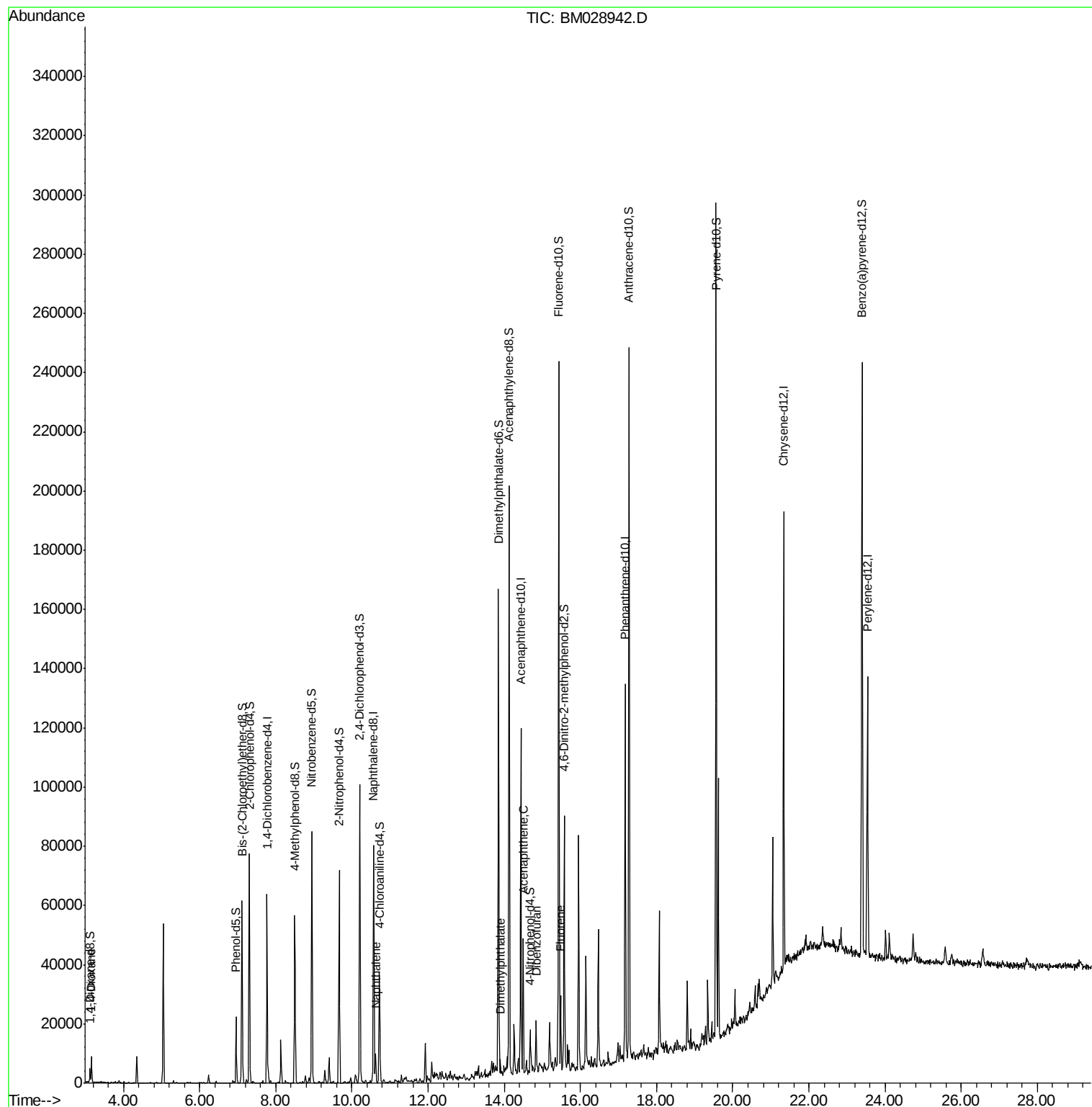
					Ovalue	
2) 1,4-Dioxane	3.16	88	3583	9.808	ng/uL	95
28) Naphthalene	10.62	128	8296	2.566	ng/ul	98
45) Dimethylphthalate	13.90	163	3672	1.420	ng/ul#	96
50) Acenaphthene	14.50	153	17217	7.537	ng/ul	98
54) Dibenzofuran	14.83	168	8357	2.642	ng/ul	100
59) Fluorene	15.49	166	8439	3.254	ng/ul	97

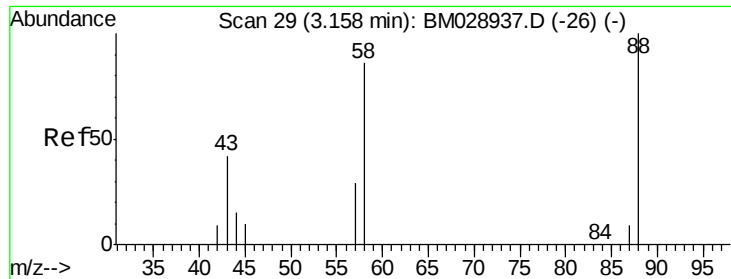
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 9.808 ng/uL

RT: 3.16 min Scan# 29

Delta R.T. 0.00 min

Lab File: BM028942.D

Acq: 27 Feb 2021 05:40

Instrument :

BNA_M

ClientSampleId :

CB8G6

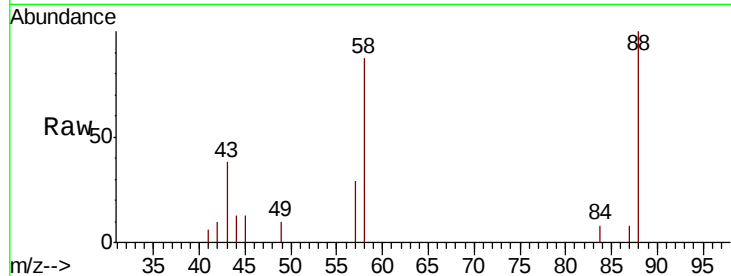
Tot Ion: 88 Resp: 3583

Ion Ratio Lower Upper

88 100

43 37.8 31.5 47.3

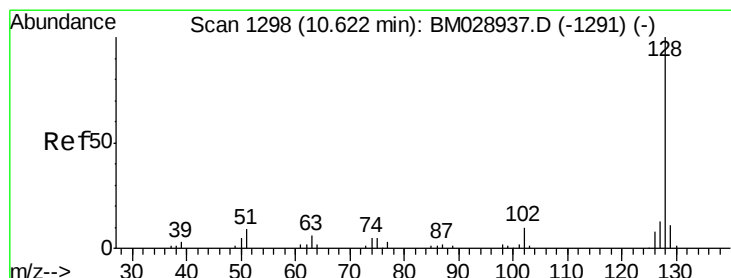
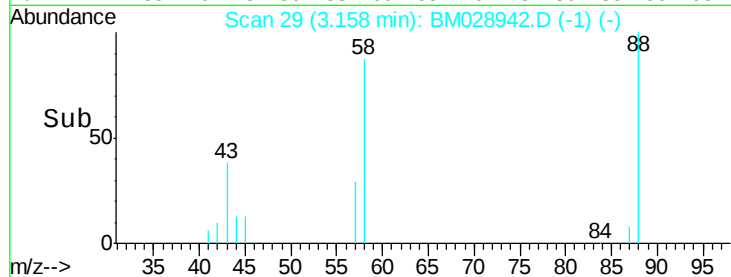
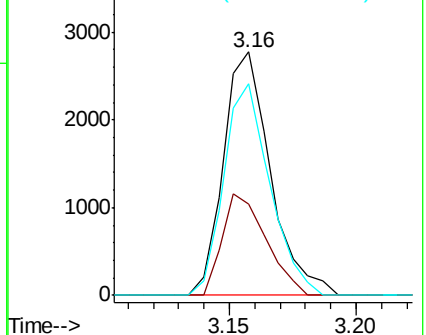
58 86.7 64.9 97.3



Abundance Ion 88.00 (87.70 to 88.70): BM028942.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM028942.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM028942.D (-1) (-)



#28

Naphthalene

Concen: 2.566 ng/uL

RT: 10.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM028942.D

Acq: 27 Feb 2021 05:40

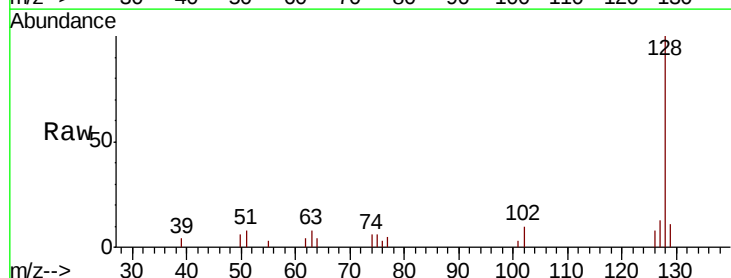
Tgt Ion: 128 Resp: 8296

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

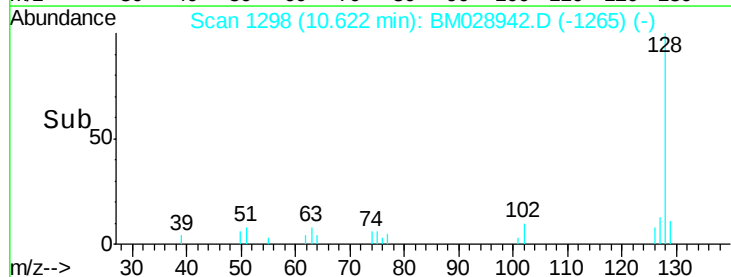
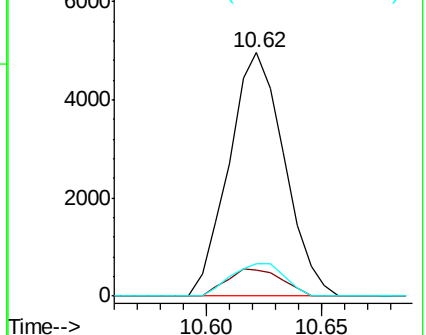
127 13.1 9.4 14.0

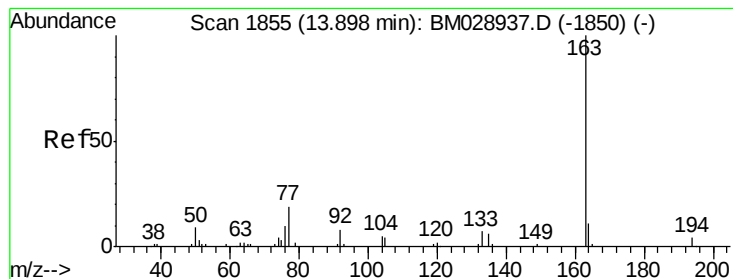


Abundance Ion 128.00 (127.70 to 128.70): BM028942.D (-1265) (-)

Ion 129.00 (128.70 to 129.70): BM028942.D (-1265) (-)

Ion 127.00 (126.70 to 127.70): BM028942.D (-1265) (-)





#45

Dimethylphthalate

Concen: 1.420 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM028942.D

Acq: 27 Feb 2021 05:40

Instrument :

BNA_M

ClientSampleId :

CB8G6

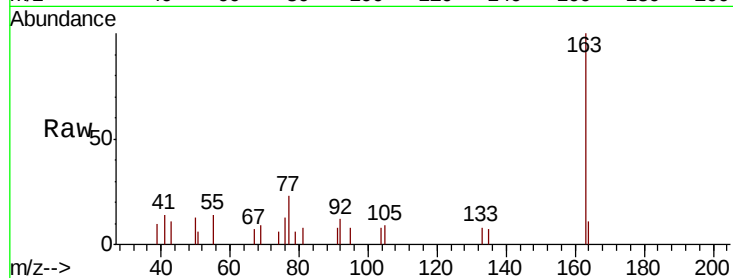
Tot Ion:163 Resp: 3672

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

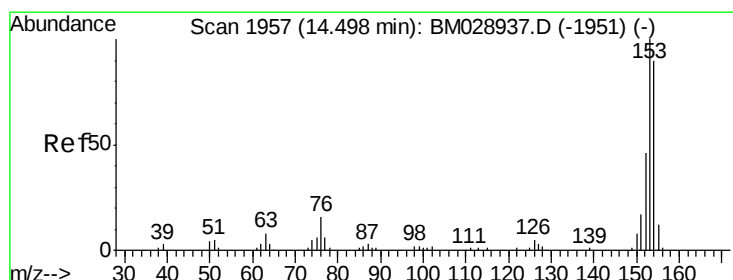
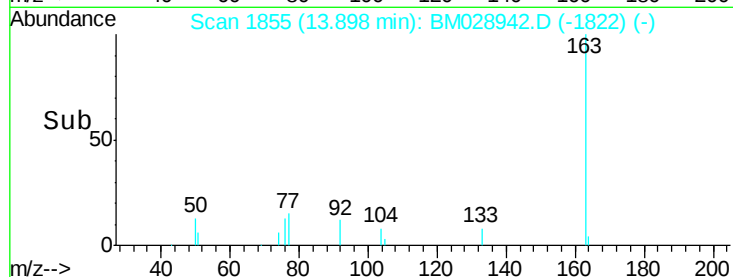
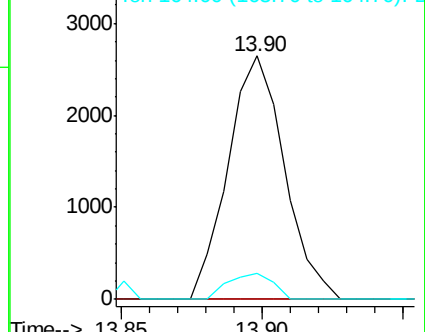
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 7.537 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM028942.D

Acq: 27 Feb 2021 05:40

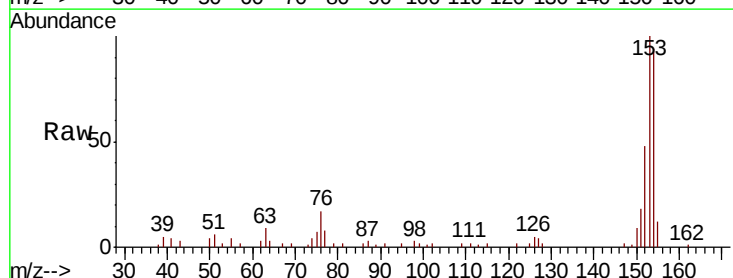
Tgt Ion:153 Resp: 17217

Ion Ratio Lower Upper

153 100

152 47.7 37.6 56.4

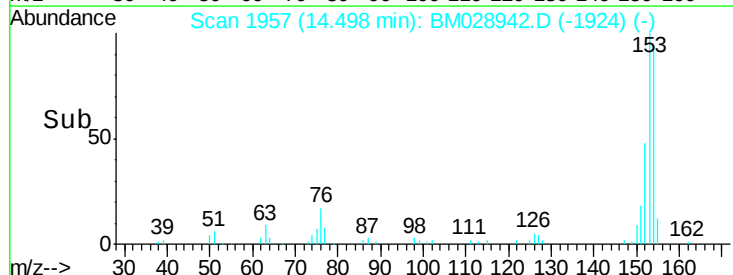
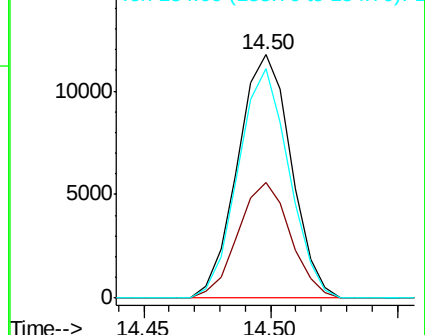
154 94.4 73.6 110.4

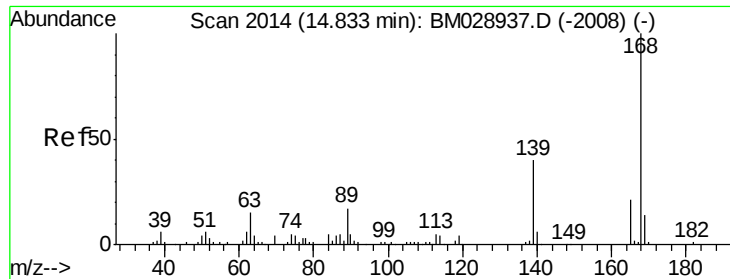


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 2.642 ng/ul

RT: 14.83 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BM028942.D

Acq: 27 Feb 2021 05:40

Instrument :

BNA_M

ClientSampleId :

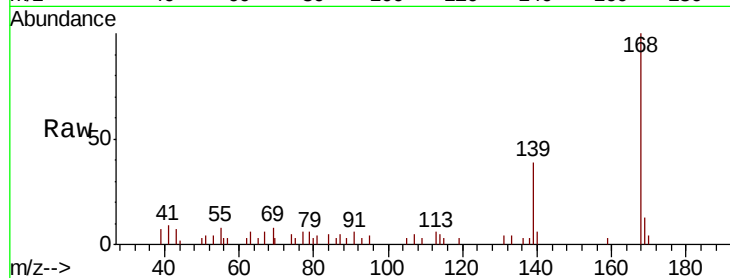
CB8G6

Tot Ion:168 Resp: 8357

Ion Ratio Lower Upper

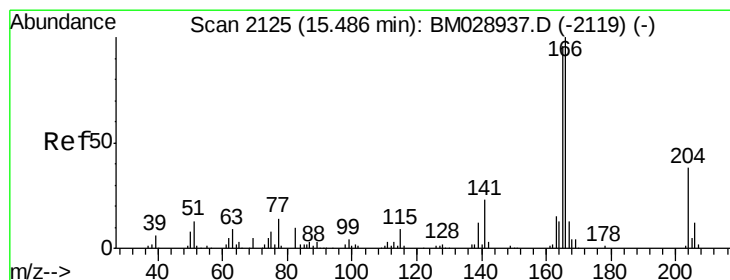
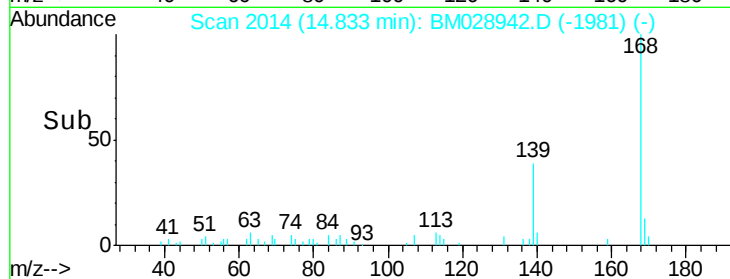
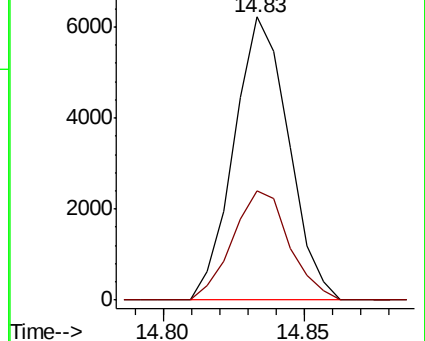
168 100

139 38.8 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: 3.254 ng/ul

RT: 15.49 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BM028942.D

Acq: 27 Feb 2021 05:40

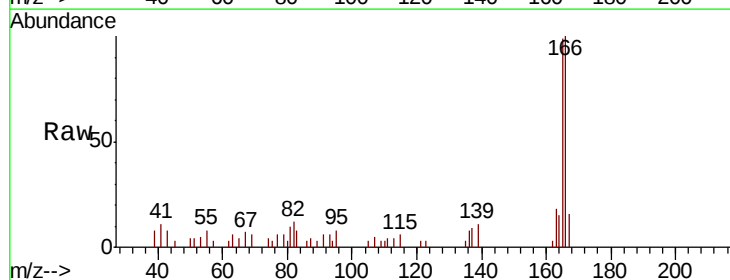
Tgt Ion:166 Resp: 8439

Ion Ratio Lower Upper

166 100

165 98.7 77.4 116.0

167 15.7 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

