

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
 Data File : BM021477.D
 Acq On : 16 Jul 2019 21:03
 Operator : HP/JU
 Sample : K3764-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 17 01:23:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 05:46:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	180281	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	710033	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	412490	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	923667	20.00	ng/ul	0.00
77) Chrysene-d12	21.31	240	884872	20.00	ng/ul	0.00
85) Perylene-d12	23.56	264	1035785	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	25052	6.84	ng/uL	0.00
5) Phenol-d5	6.90	99	109854	7.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	252641	30.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	310161	25.71	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	204576	18.32	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	184316	31.52	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	205999	31.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	389625	29.54	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.67	131	30058	2.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1229750	34.04	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1425979	31.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	22844	3.99	ng/ul	0.01
57) Fluorene-d10	15.36	176	1072125	33.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	138121	22.24	ng/ul	0.00
70) Anthracene-d10	17.22	188	1629196	33.96	ng/ul	0.00
78) Pyrene-d10	19.52	212	1793441	36.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.42	264	2023305	33.97	ng/ul	-0.01

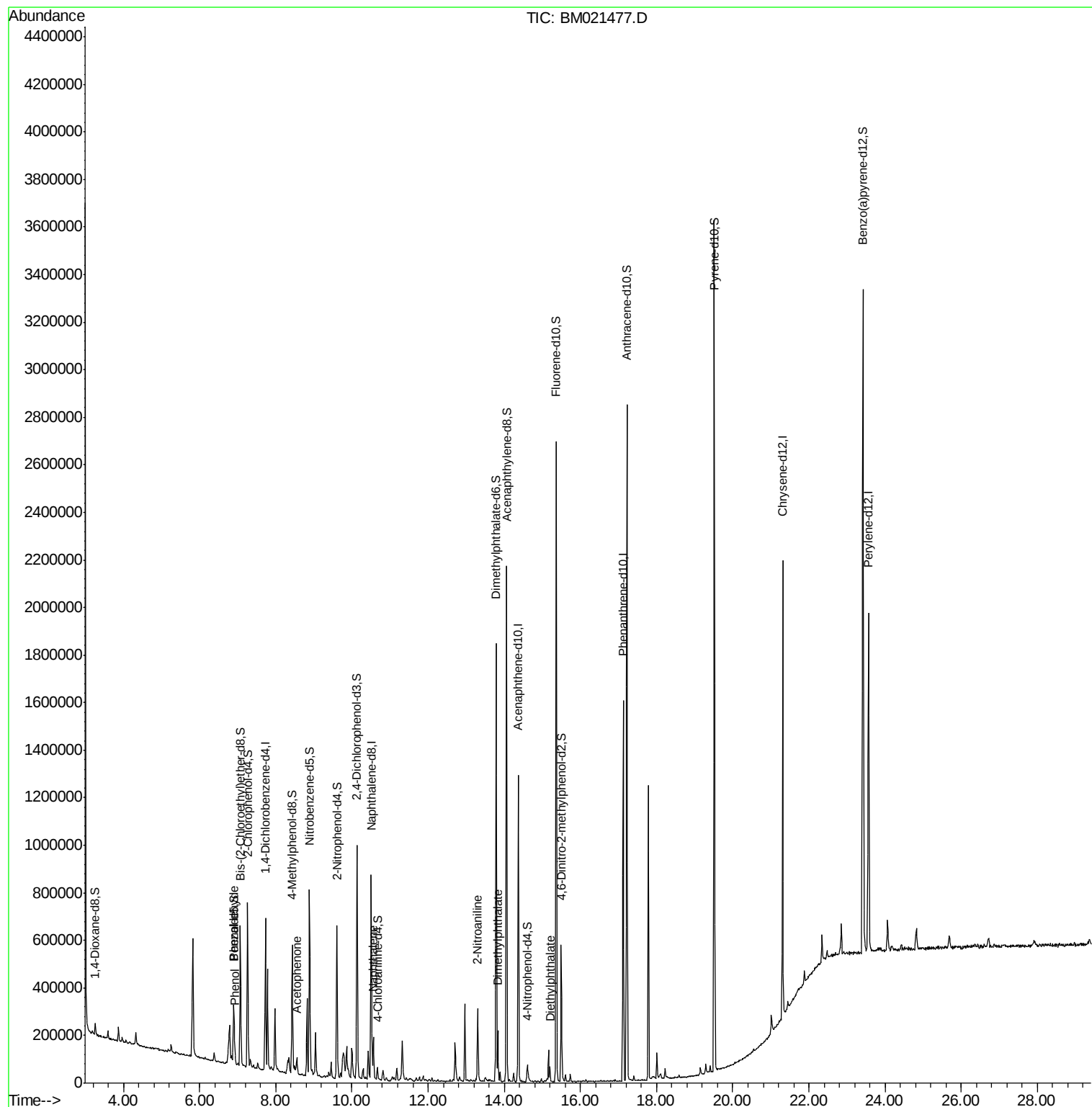
Target Compounds				Ovalue		
4) Benzaldehyde	6.89	77	52756	6.971	ng/ul	98
6) Phenol	6.93	94	16601	1.237	ng/ul	95
14) Acetophenone	8.55	105	32034	1.905	ng/ul	99
28) Naphthalene	10.56	128	64955	1.758	ng/ul	97
42) 2-Nitroaniline	13.30	65	10997	1.819	ng/ul#	17
44) Dimethylphthalate	13.83	163	123407	3.668	ng/ul	98
56) Diethylphthalate	15.20	149	32790	1.015	ng/ul	96

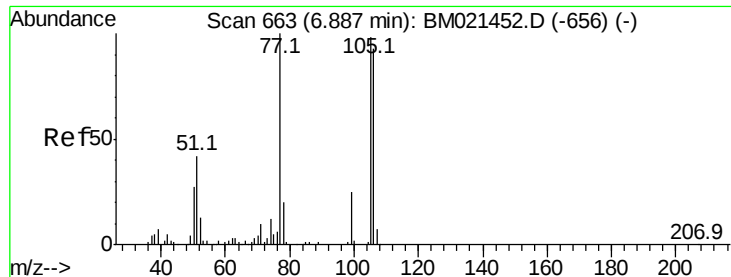
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 6.971 ng/ul

RT: 6.89 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM021477.D

Acq: 16 Jul 2019 21:03

Instrument :

BNA_M

ClientSampleId :

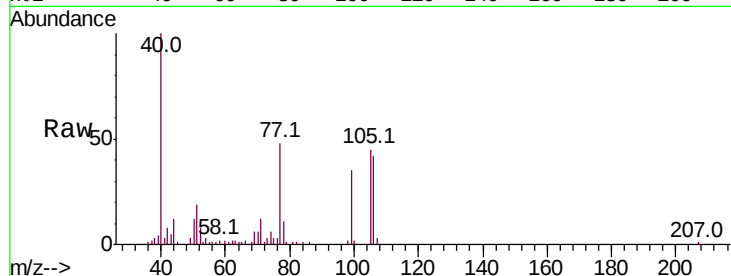
Tot Ion: 77 Resp: 52756

Ion Ratio Lower Upper

77 100

105 93.8 76.8 115.2

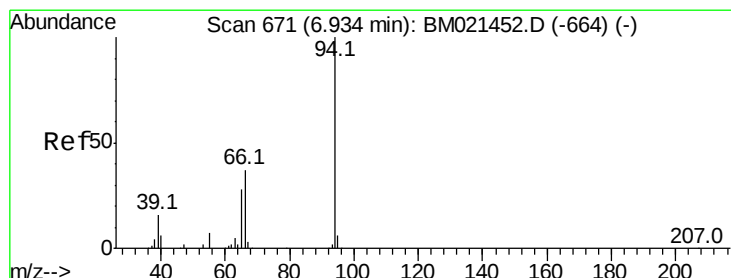
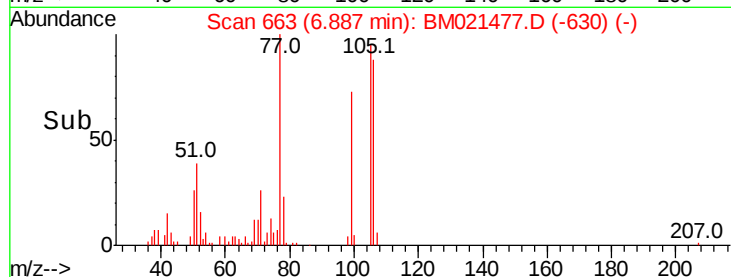
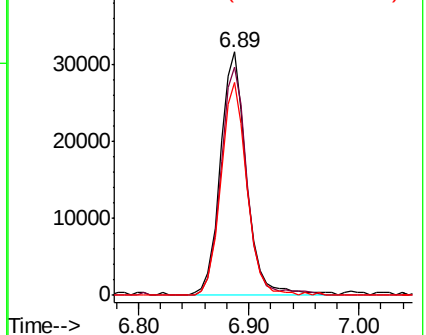
106 87.4 71.4 107.2



Abundance Ion 77.00 (76.70 to 77.70): BM021452.D (-656) (-)

Ion 105.00 (104.70 to 105.70): BM021452.D (-656) (-)

Ion 106.00 (105.70 to 106.70): BM021452.D (-656) (-)



#6

Phenol

Concen: 1.237 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM021477.D

Acq: 16 Jul 2019 21:03

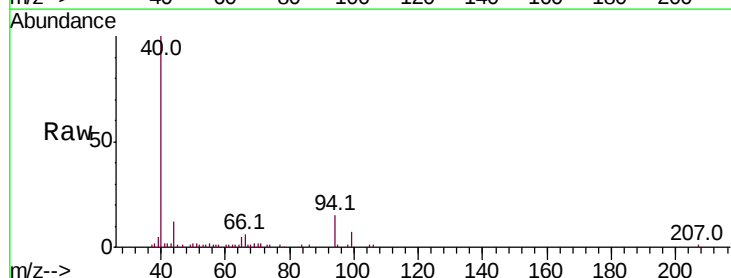
Tgt Ion: 94 Resp: 16601

Ion Ratio Lower Upper

94 100

65 31.9 23.0 34.6

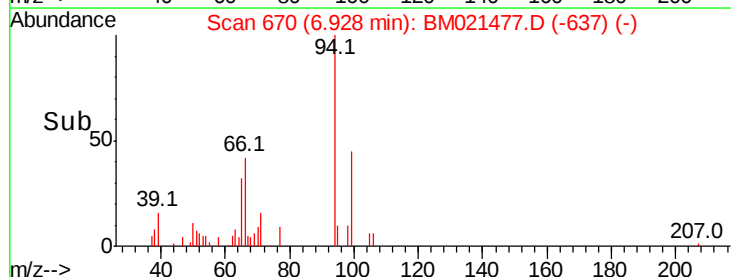
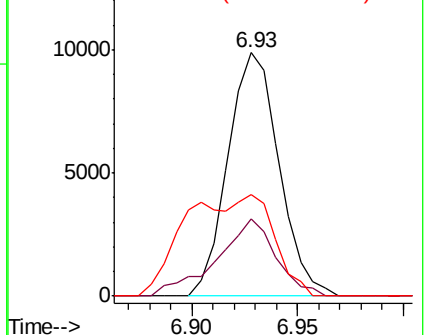
66 41.7 31.6 47.4

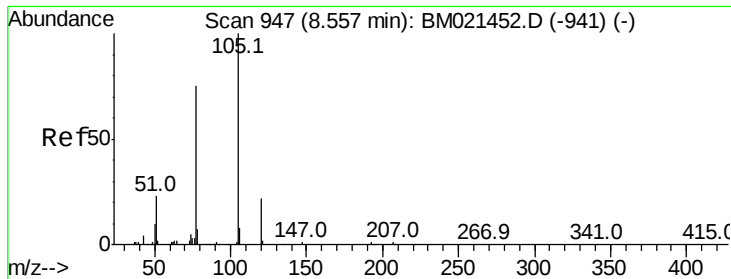


Abundance Ion 94.00 (93.70 to 94.70): BM021452.D (-664) (-)

Ion 65.00 (64.70 to 65.70): BM021452.D (-664) (-)

Ion 66.00 (65.70 to 66.70): BM021452.D (-664) (-)





#14

Acetophenone

Concen: 1.905 ng/ul

RT: 8.55 min Scan# 946

Delta R.T. -0.01 min

Lab File: BM021477.D

Acq: 16 Jul 2019 21:03

Instrument :

BNA_M

ClientSampled :

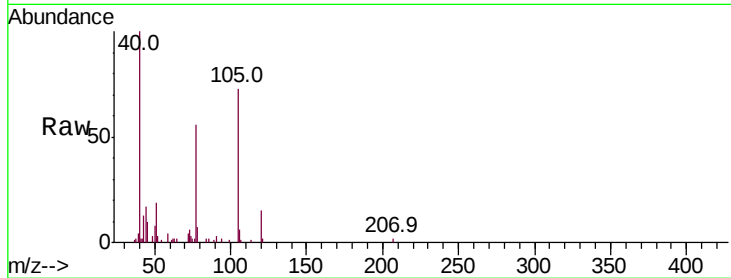
Tot Ion:105 Resp: 32034

Ion Ratio Lower Upper

105 100

77 77.3 62.1 93.1

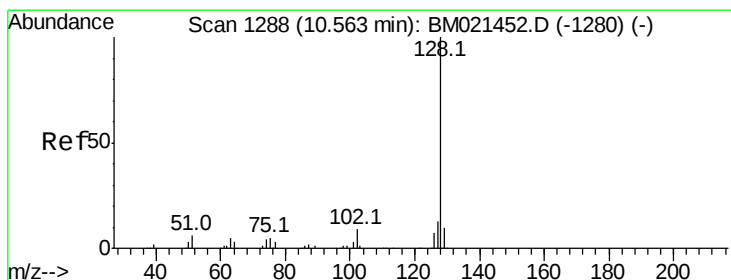
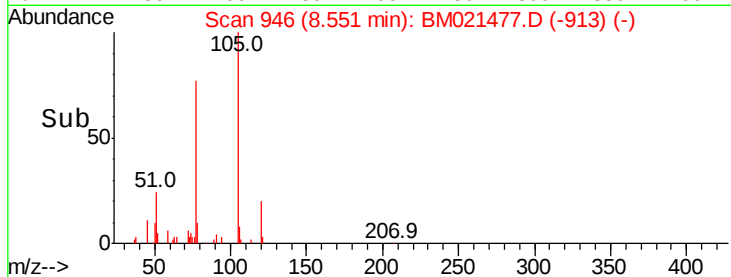
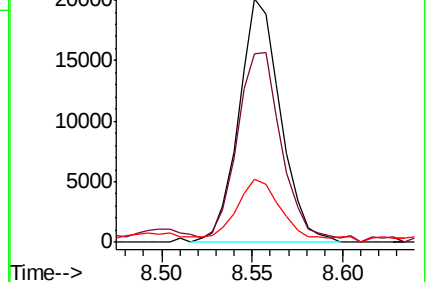
51 26.0 20.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#28

Naphthalene

Concen: 1.758 ng/ul

RT: 10.56 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BM021477.D

Acq: 16 Jul 2019 21:03

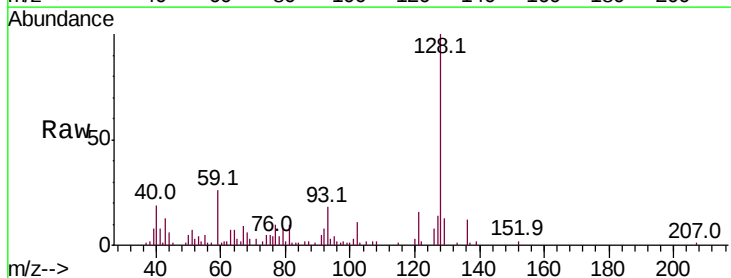
Tgt Ion:128 Resp: 64955

Ion Ratio Lower Upper

128 100

129 12.9 8.7 13.1

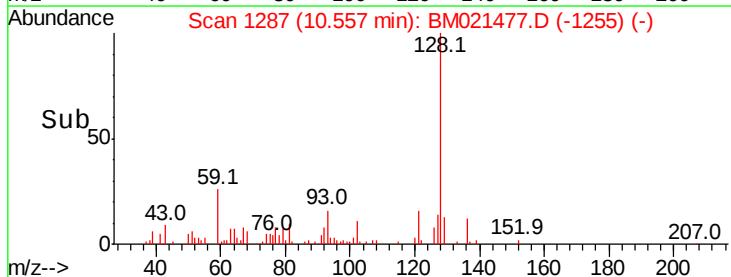
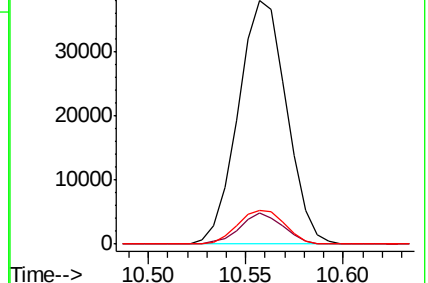
127 14.0 10.6 16.0

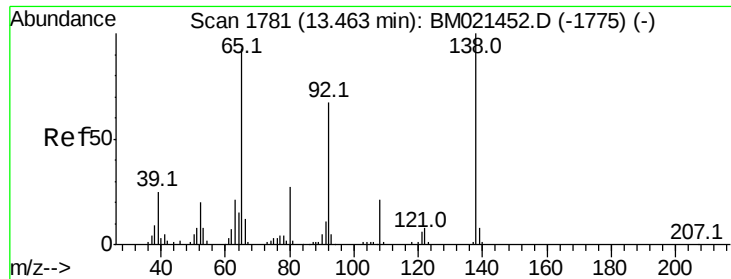


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#42

2-Nitroaniline

Concen: 1.819 ng/ul

RT: 13.30 min Scan# 1754

Delta R.T. -0.16 min

Lab File: BM021477.D

Acq: 16 Jul 2019 21:03

Instrument :

BNA_M

ClientSampleId :

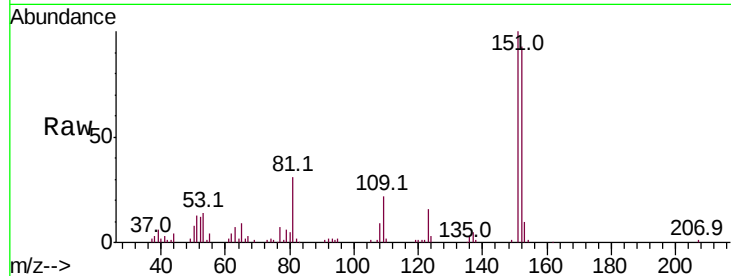
Tot Ion: 65 Resp: 10997

Ion Ratio Lower Upper

65 100

92 21.9 57.4 86.2#

138 7.1 89.0 133.6#

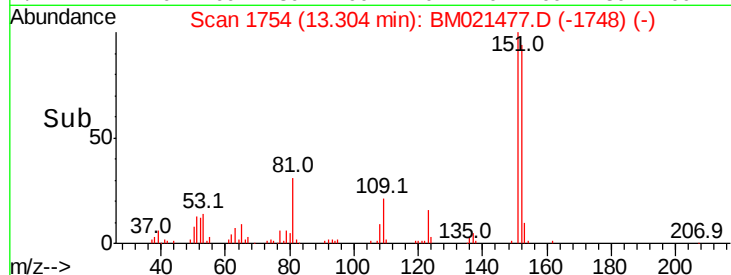


Abundance Ion 65.00 (64.70 to 65.70): BM021452.D (-1775) (-)

Ion 92.00 (91.70 to 92.70): BM021452.D (-1775) (-)

Ion 138.00 (137.70 to 138.70): BM021452.D (-1775) (-)

Time-->

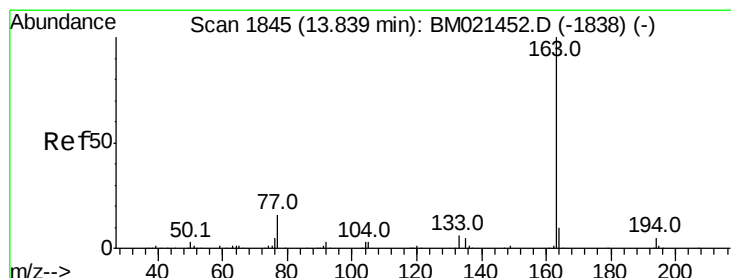


Abundance Ion 65.00 (64.70 to 65.70): BM021477.D (-1748) (-)

Ion 92.00 (91.70 to 92.70): BM021477.D (-1748) (-)

Ion 138.00 (137.70 to 138.70): BM021477.D (-1748) (-)

Time-->



#44

Dimethylphthalate

Concen: 3.668 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BM021477.D

Acq: 16 Jul 2019 21:03

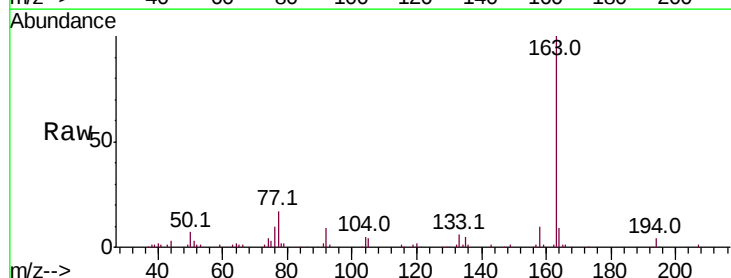
Tgt Ion:163 Resp: 123407

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

164 9.4 8.3 12.5

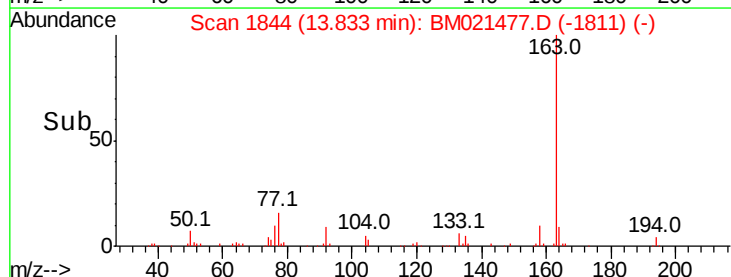


Abundance Ion 163.00 (162.70 to 163.70): BM021452.D (-1838) (-)

Ion 194.00 (193.70 to 194.70): BM021452.D (-1838) (-)

Ion 164.00 (163.70 to 164.70): BM021452.D (-1838) (-)

Time-->

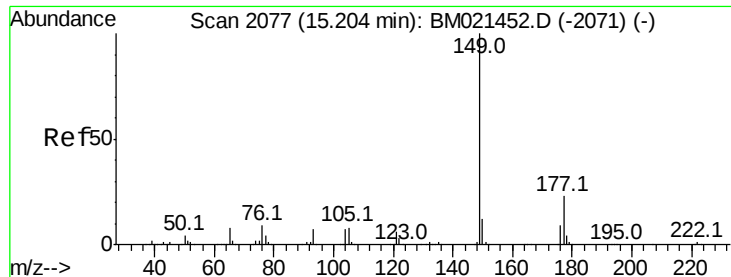


Abundance Ion 163.00 (162.70 to 163.70): BM021477.D (-1811) (-)

Ion 194.00 (193.70 to 194.70): BM021477.D (-1811) (-)

Ion 164.00 (163.70 to 164.70): BM021477.D (-1811) (-)

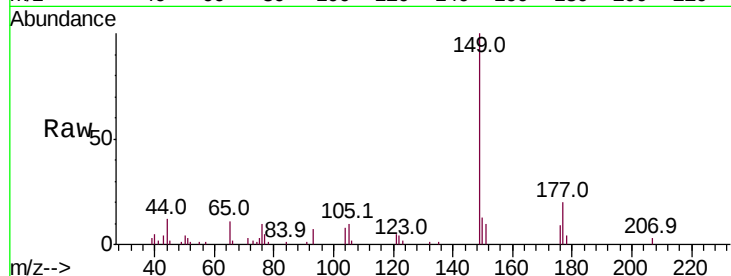
Time-->



#56
 Diethylphthalate
 Concen: 1.015 ng/ul
 RT: 15.20 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BM021477.D
 Acq: 16 Jul 2019 21:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 32790
 Ion Ratio Lower Upper
 149 100
 177 20.3 18.8 28.2
 150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

