

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
 Data File : BM026096.D
 Acq On : 23 May 2020 01:51
 Operator : MA/SJ
 Sample : L2737-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B12

Manual Integrations
 APPROVED

mohammad
 5/26/2020 10:11:22 AM

Quant Time: May 25 12:02:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 22 13:18:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	185503	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	716959m	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.14	164	482782	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.90	188	989252	20.00	ng/ul	0.01
78) Chrysene-d12	21.10	240	1015597	20.00	ng/ul	0.01
86) Perylene-d12	23.21	264	1054132	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	36074	5.87	ng/uL	0.00
5) Phenol-d5	6.78	99	182128m	10.82	ng/ul	0.09
7) Bis-(2-Chloroethyl)ether-d	6.90	67	419973	36.08	ng/ul	0.06
9) 2-Chlorophenol-d4	7.06	132	423570	32.16	ng/ul	0.02
13) 4-Methylphenol-d8	8.31	113	318425m	25.11	ng/ul	0.11
19) Nitrobenzene-d5	8.70	128	271946	46.53	ng/ul	0.06
22) 2-Nitrophenol-d4	9.40	143	289579	50.08	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	9.97	165	472482	40.70	ng/ul	0.09
29) 4-Chloroaniline-d4	10.47	131	85489m	7.26	ng/ul	0.07
44) Dimethylphthalate-d6	13.58	166	1534324	39.63	ng/ul	0.02
47) Acenaphthylene-d8	13.83	160	1857904	40.51	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	68406m	9.98	ng/ul	0.04
58) Fluorene-d10	15.14	176	1360536	40.40	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.29	200	232853	40.37	ng/ul	0.02
71) Anthracene-d10	17.00	188	2051026	42.07	ng/ul	0.02
79) Pyrene-d10	19.29	212	2215825	42.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	2102940	37.48	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	6.76	94	54117721m	2868.796	ng/ul
11) 2-Methylphenol	8.02	108	34657938	2666.509	ng/ul 100
14) Acetophenone	8.47	105	884015	41.549	ng/ul 98
16) 4-Methylphenol	8.37	108	52980207m	3748.109	ng/ul
24) 2,4-Dimethylphenol	9.58	107	41627359m	2592.694	ng/ul
28) Naphthalene	10.33	128	82697177m	1886.502	ng/ul
34) 2-Methylnaphthalene	11.96	142	12239393	415.112	ng/ul 100
41) 1,1'-Biophenyl	12.97	154	887004	20.706	ng/ul 99
45) Dimethylphthalate	13.62	163	236437	5.817	ng/ul 98
48) Acenaphthylene	13.86	152	161324	3.204	ng/ul# 88
50) Acenaphthene	14.22	153	10750100	302.707	ng/ul 98
54) Dibenzofuran	14.56	168	8432984	168.969	ng/ul 99
59) Fluorene	15.20	166	5566216	137.872	ng/ul 99
69) Pentachlorophenol	16.57	266	15548	2.180	ng/ul 98
70) Phenanthrene	16.94	178	8722523	139.977	ng/ul 98
72) Anthracene	17.03	178	1027085	16.429	ng/ul 99
75) Carbazole	17.33	167	18216017	352.201	ng/ul# 91
77) Fluoranthene	18.96	202	1119208	17.123	ng/ul 98
80) Pyrene	19.32	202	649477	9.109	ng/ul 99

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

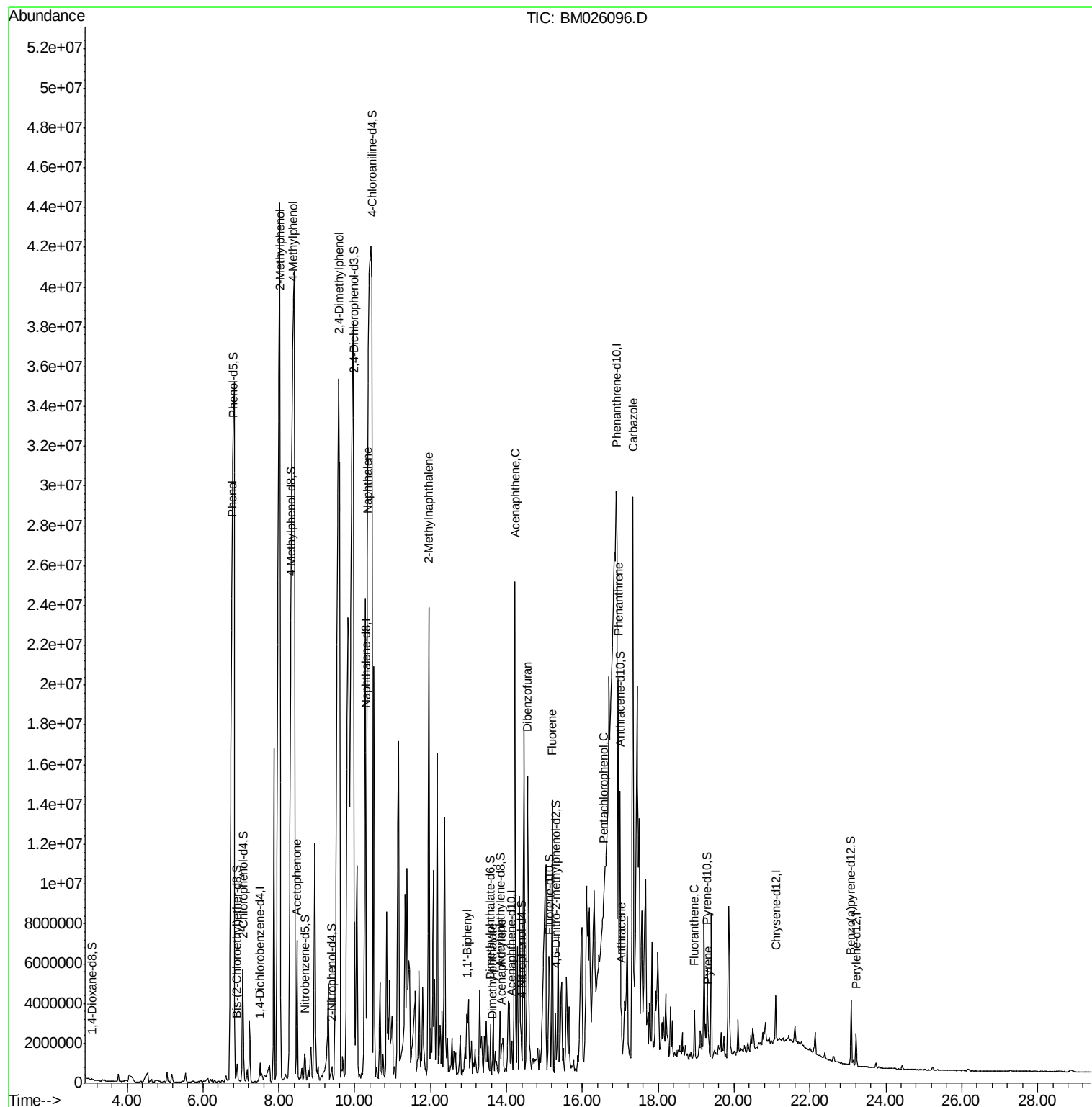
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026096.D
Acq On : 23 May 2020 01:51
Operator : MA/SJ
Sample : L2737-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

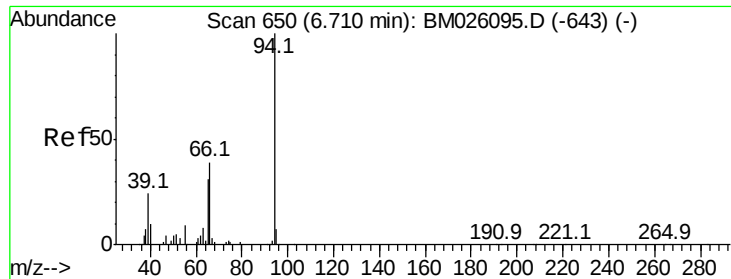
Instrument :
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Quant Time: May 25 12:02:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2868.796 ng/ul m

RT: 6.76 min Scan# 658

Delta R.T. 0.05 min

Lab File: BM026096.D

Acq: 23 May 2020 01:51

Instrument :

BNA_M

ClientSampleId :

F9B12

Tot Ion: 94 Resp: 54117721

Ion Ratio Lower Upper

94 100

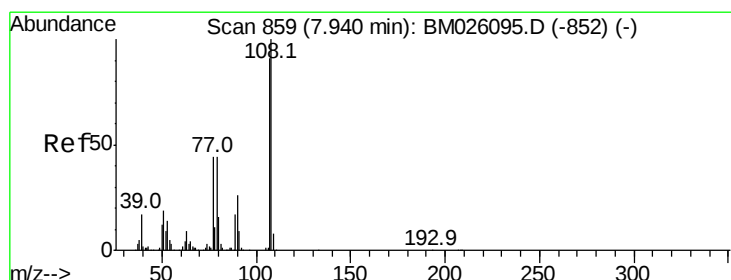
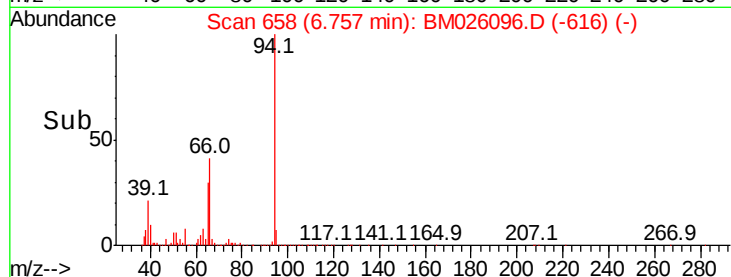
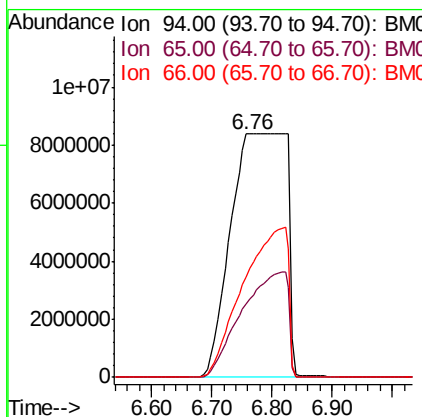
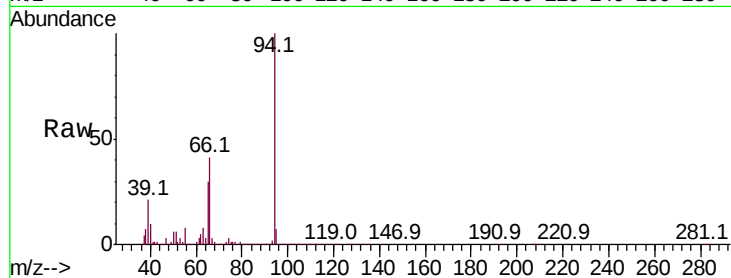
65 30.2 25.8 38.8

66 41.4 33.3 49.9

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#11

2-Methylphenol

Concen: 2666.509 ng/ul

RT: 8.02 min Scan# 873

Delta R.T. 0.08 min

Lab File: BM026096.D

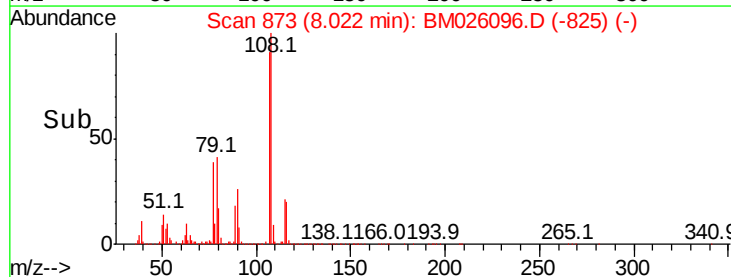
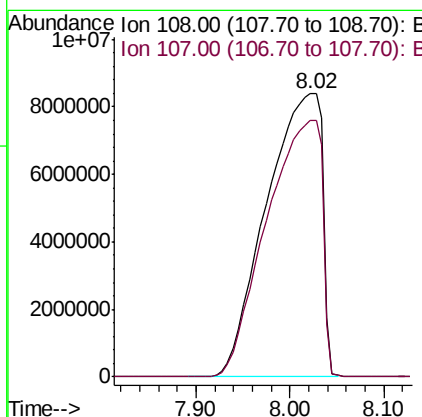
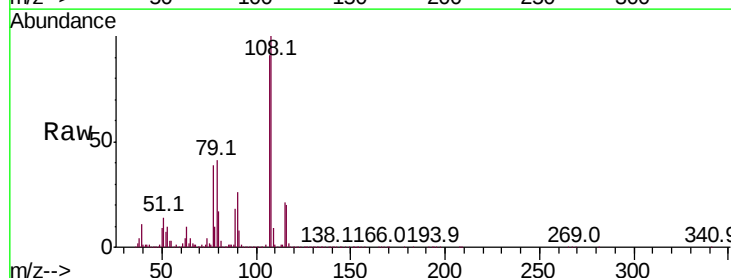
Acq: 23 May 2020 01:51

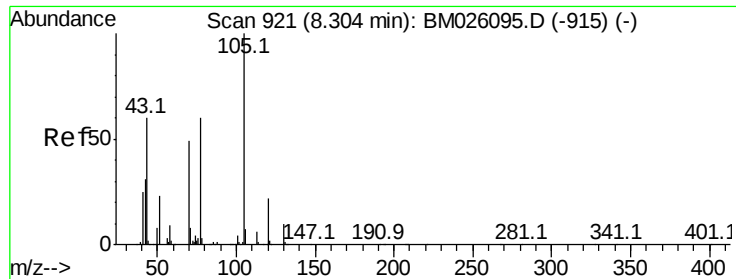
Tgt Ion: 108 Resp: 34657938

Ion Ratio Lower Upper

108 100

107 90.8 72.3 108.5





#14

Acetophenone

Concen: 41.549 ng/ul

RT: 8.47 min Scan# 949

Delta R.T. 0.16 min

Lab File: BM026096.D

Acq: 23 May 2020 01:51

Instrument :

BNA_M

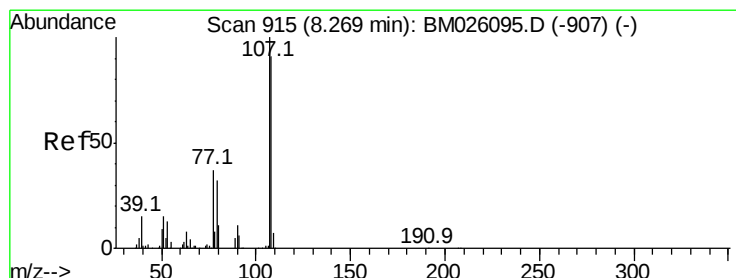
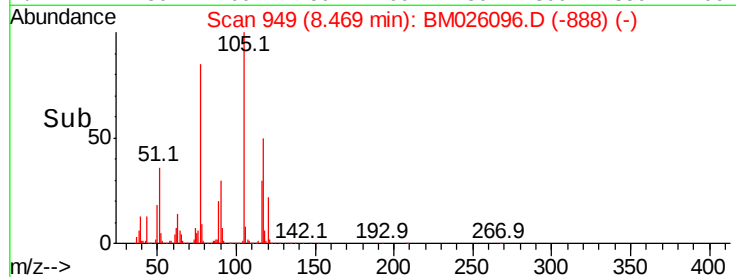
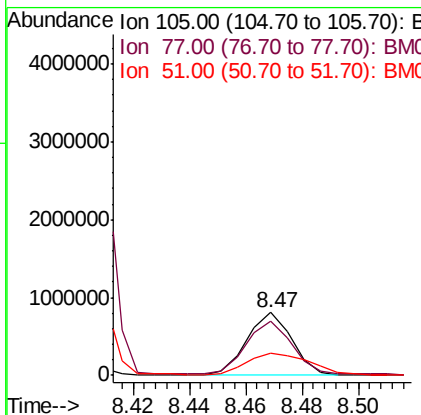
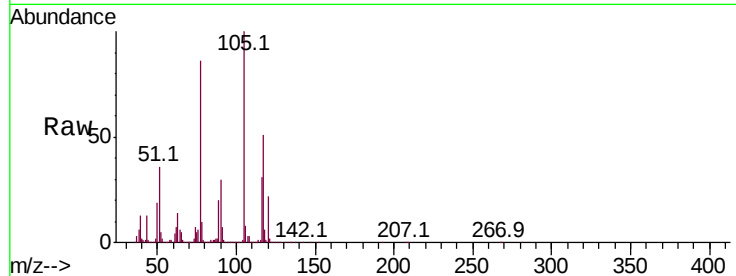
ClientSampleId :

F9B12

Tot Ion	Ratio	Lower	Upper
105	100		
77	85.7	67.2	100.8
51	36.2	27.4	41.0

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#16

4-Methylphenol

Concen: 3748.109 ng/ul m

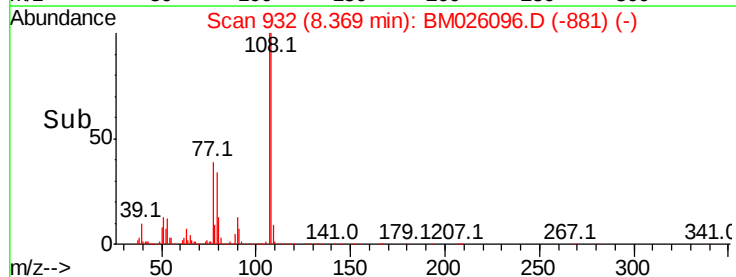
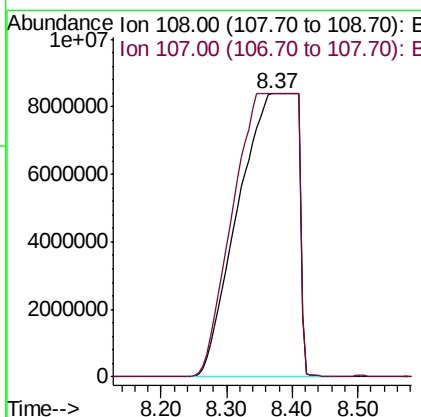
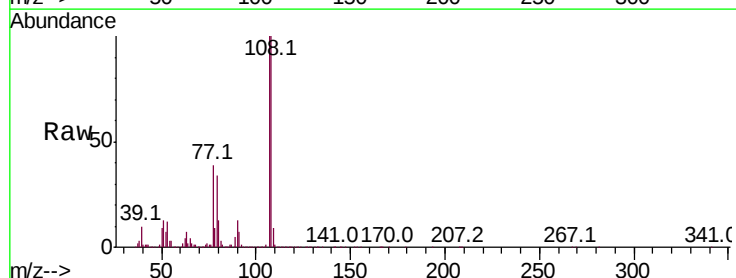
RT: 8.37 min Scan# 932

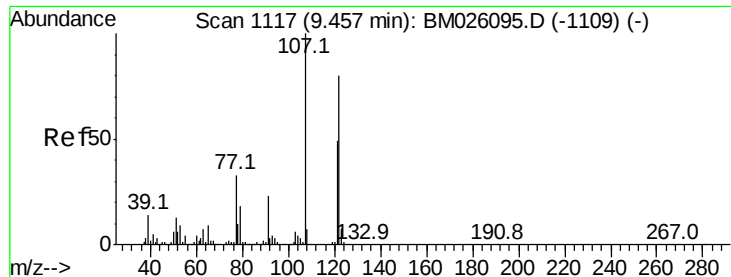
Delta R.T. 0.10 min

Lab File: BM026096.D

Acq: 23 May 2020 01:51

Tgt Ion	Ratio	Lower	Upper
108	100		
107	100.0	88.6	132.8





#24

2,4-Dimethylphenol

Concen: 2592.694 ng/ul m

RT: 9.58 min Scan# 1138

Delta R.T. 0.12 min

Lab File: BM026096.D

Acq: 23 May 2020 01:51

Instrument :

BNA_M

ClientSampleId :

F9B12

Tot Ion:107 Resp:41627359

Ion Ratio Lower Upper

107 100

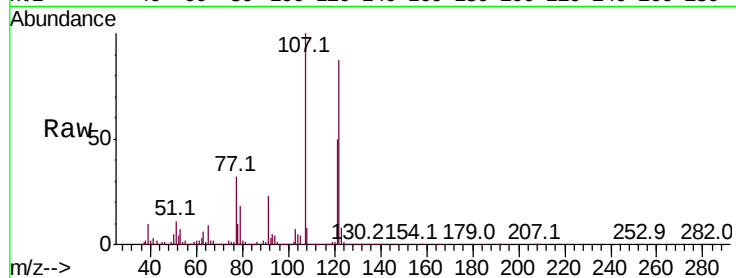
121 50.3 37.5 56.3

122 86.5 63.8 95.6

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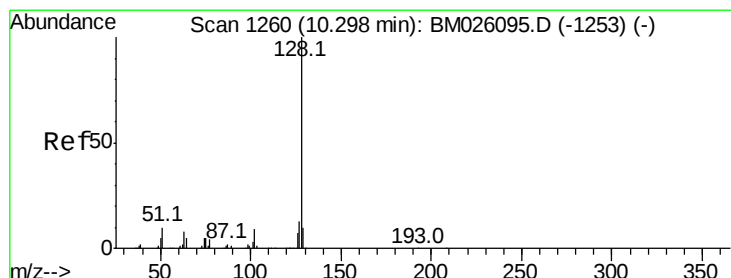
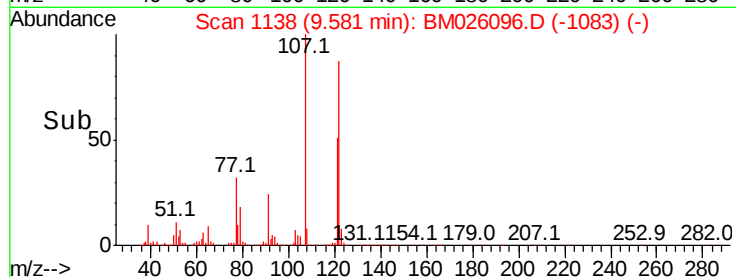
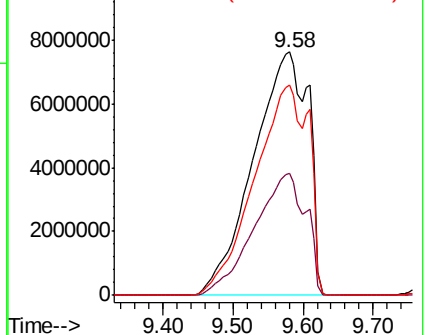
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Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 1886.502 ng/ul m

RT: 10.33 min Scan# 1265

Delta R.T. 0.02 min

Lab File: BM026096.D

Acq: 23 May 2020 01:51

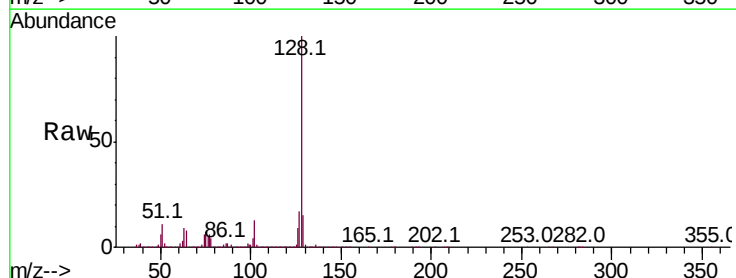
Tgt Ion:128 Resp:82697177

Ion Ratio Lower Upper

128 100

129 14.7 9.0 13.4#

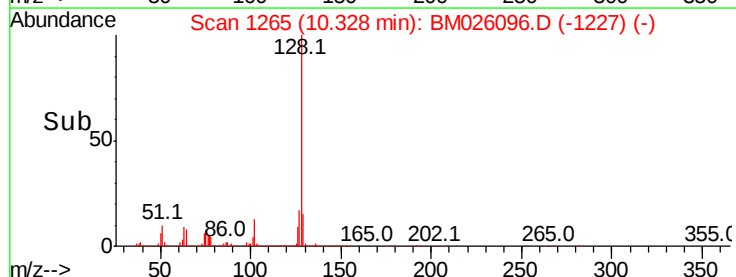
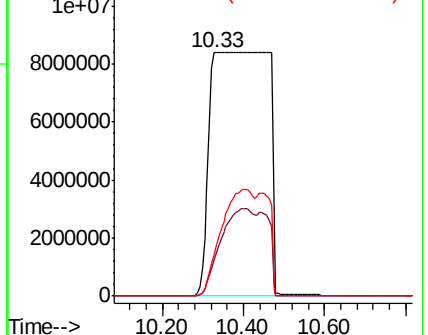
127 17.0 10.6 15.8#

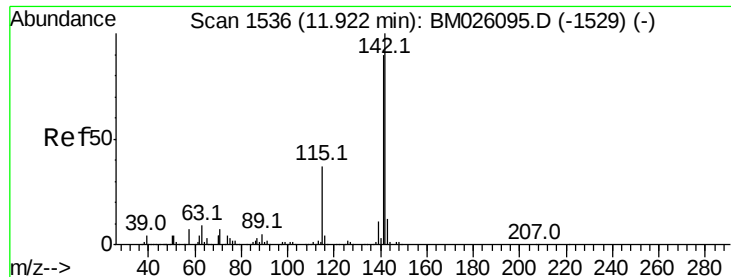


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 415.112 ng/ul

RT: 11.96 min Scan# 1542

Delta R.T. 0.04 min

Lab File: BM026096.D

Acq: 23 May 2020 01:51

Instrument :

BNA_M

ClientSampleId :

F9B12

Tot Ion:142 Resp:12239393

Ion Ratio Lower Upper

142 100

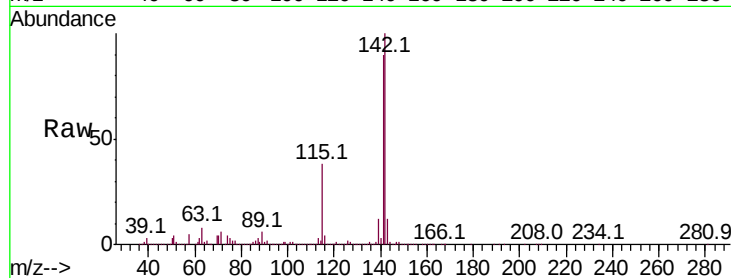
141 89.5 71.8 107.6

Manual Integrations

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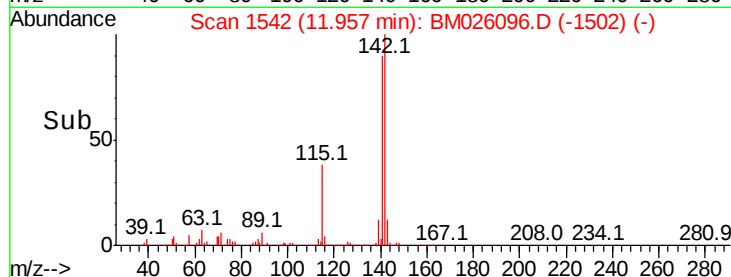
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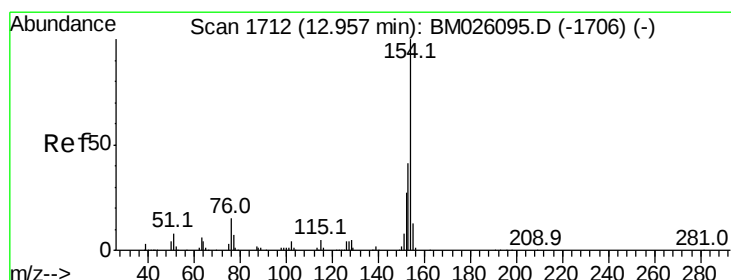


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#41

1,1'-Biphenyl

Concen: 20.706 ng/ul

RT: 12.97 min Scan# 1714

Delta R.T. 0.01 min

Lab File: BM026096.D

Acq: 23 May 2020 01:51

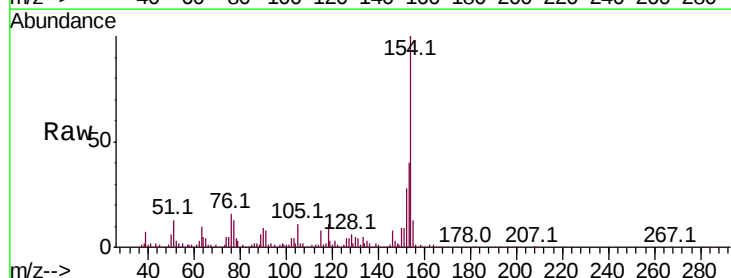
Tgt Ion:154 Resp: 887004

Ion Ratio Lower Upper

154 100

153 40.0 32.3 48.5

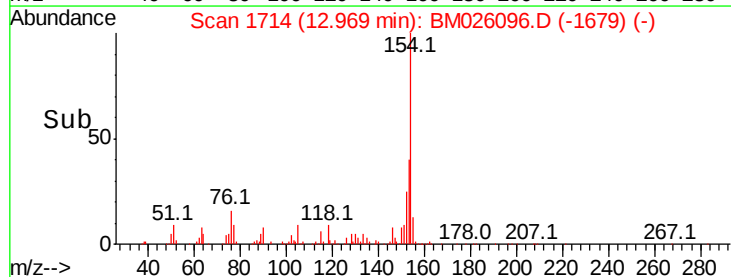
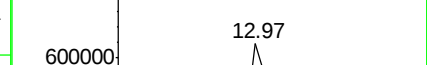
76 16.1 13.0 19.6



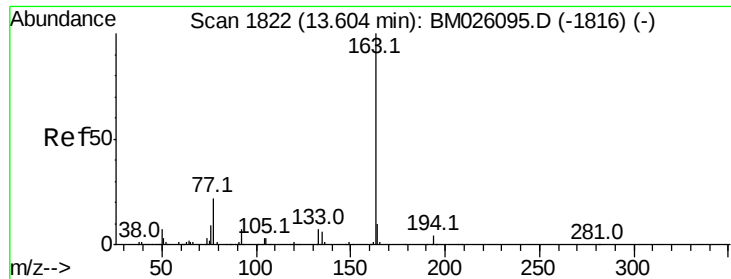
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



Time-->



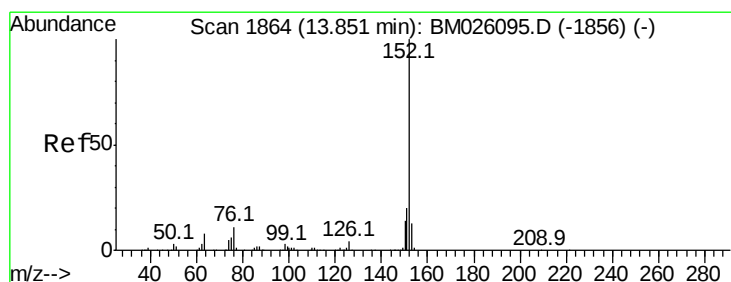
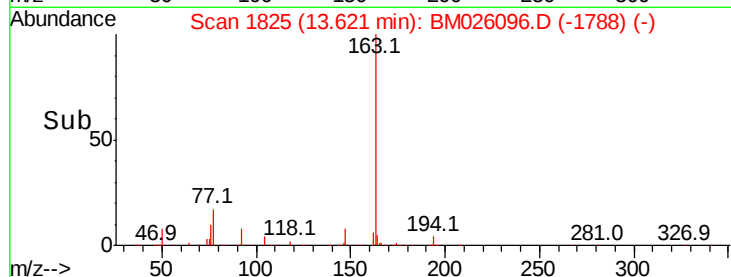
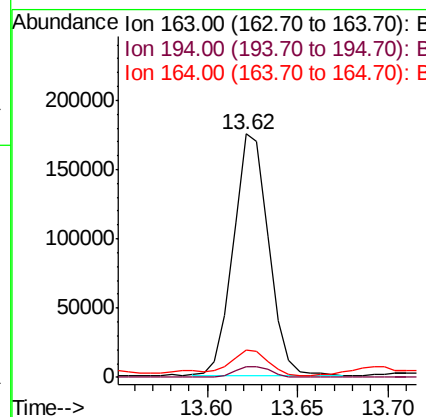
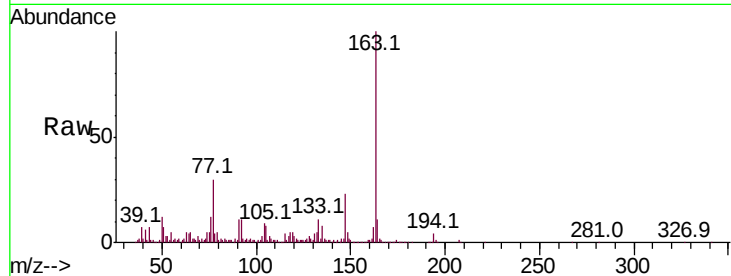
#45
Dimethylphthalate
Concen: 5.817 ng/ul
RT: 13.62 min Scan# 1825
Delta R.T. 0.02 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :
F9B12

Tot Ion	Ratio	Resp	Lower	Upper
163	100	236437		
194	4.3	3.2	4.8	
164	11.1	8.0	12.0	

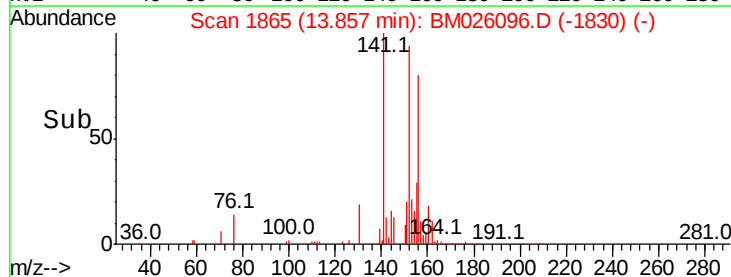
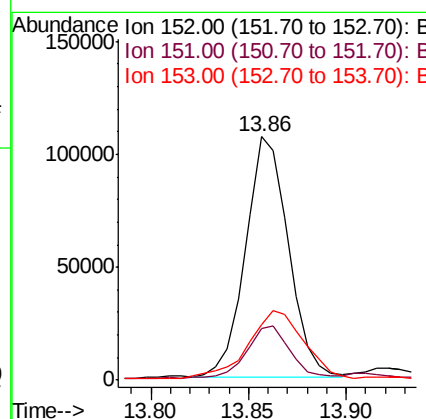
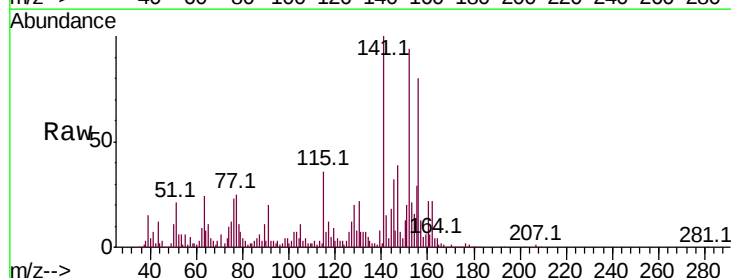
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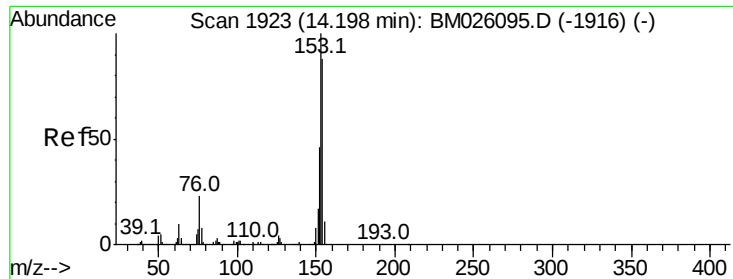
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#48
Acenaphthylene
Concen: 3.204 ng/ul
RT: 13.86 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	161324		
151	21.2	15.7	23.5	
153	22.7	10.2	15.2#	





#50

Acenaphthene

Concen: 302.707 ng/ul

RT: 14.22 min Scan# 1927

Delta R.T. 0.02 min

Lab File: BM026096.D

Acq: 23 May 2020 01:51

Instrument :

BNA_M

ClientSampled :

F9B12

Tot Ion:153 Resp:10750100

Ion Ratio Lower Upper

153 100

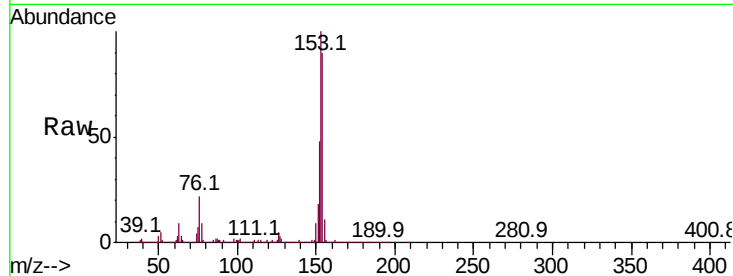
152 48.0 37.2 55.8

154 89.5 69.8 104.8

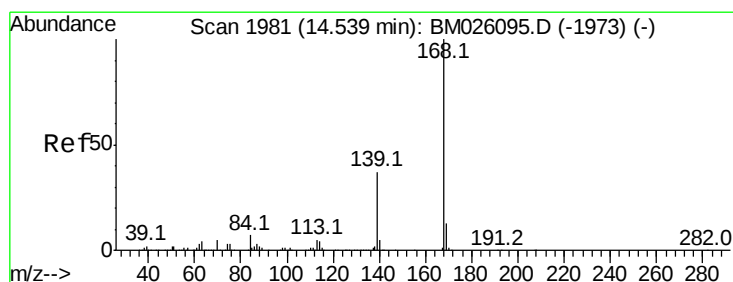
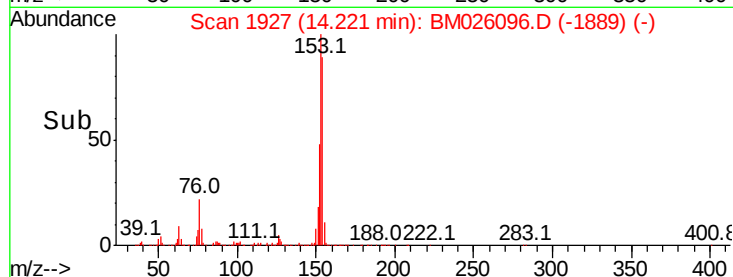
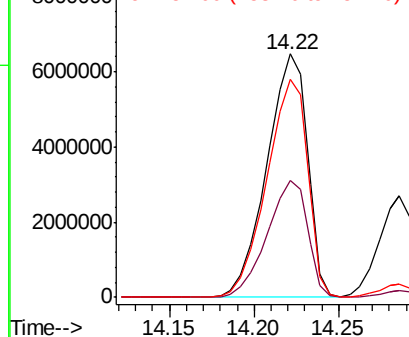
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 168.969 ng/ul

RT: 14.56 min Scan# 1984

Delta R.T. 0.02 min

Lab File: BM026096.D

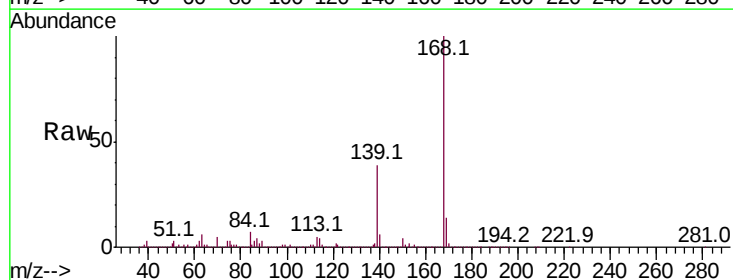
Acq: 23 May 2020 01:51

Tgt Ion:168 Resp: 8432984

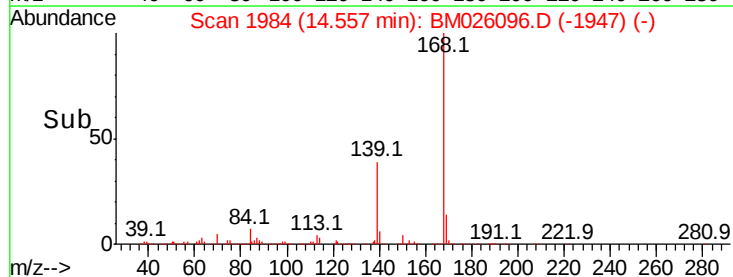
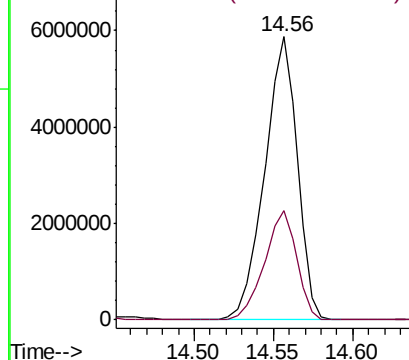
Ion Ratio Lower Upper

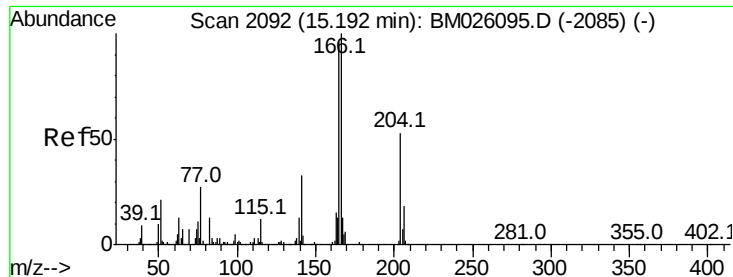
168 100

139 38.7 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





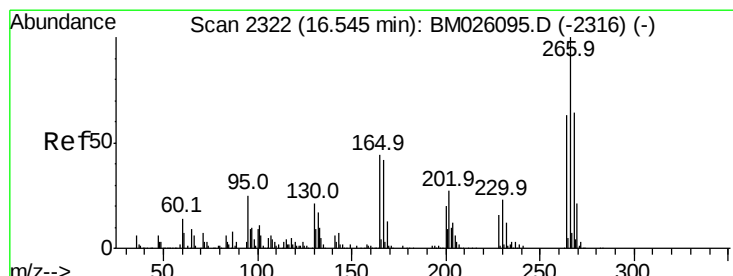
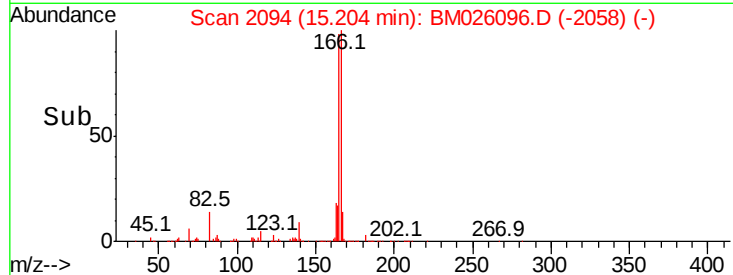
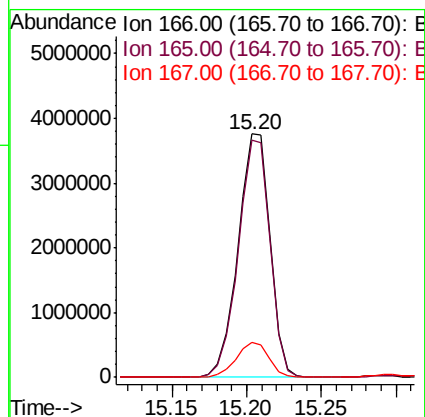
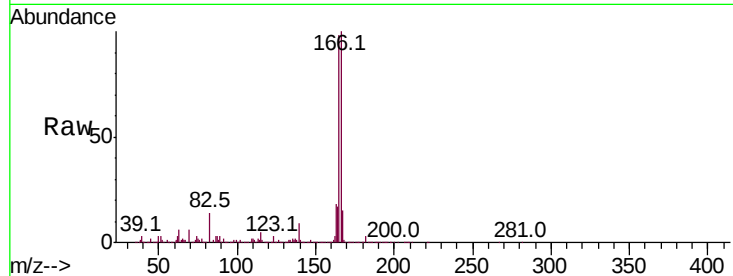
#59
Fluorene
 Concen: 137.872 ng/ul
 RT: 15.20 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: BM026096.D
 Acq: 23 May 2020 01:51

Instrument :
 BNA_M
 ClientSampleID :
 F9B12

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.3	115.9
167	14.5	10.6	16.0

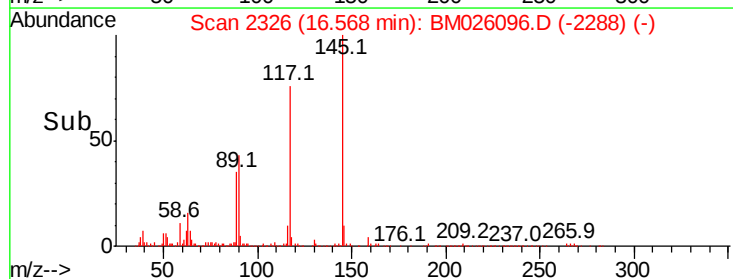
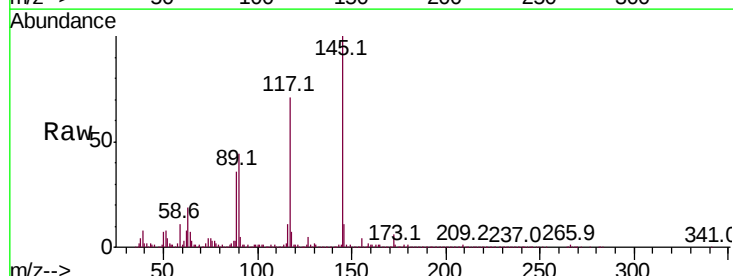
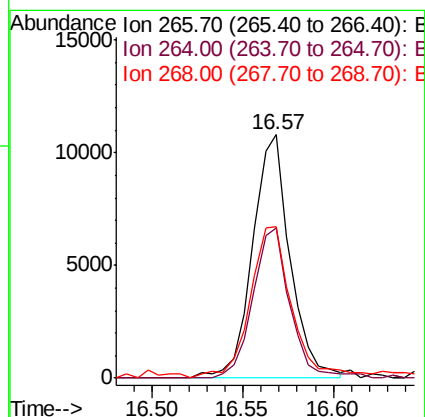
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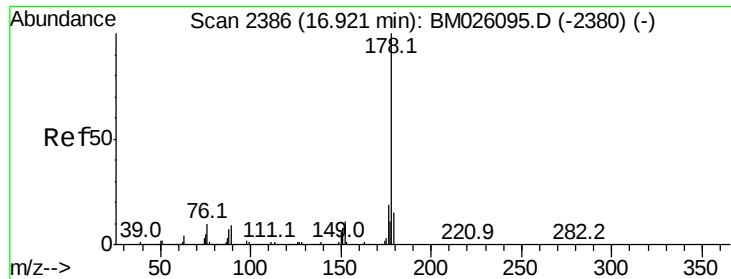
mohammad
 5/26/2020 10:11:22 AM



#69
Pentachlorophenol
 Concen: 2.180 ng/ul
 RT: 16.57 min Scan# 2326
 Delta R.T. 0.02 min
 Lab File: BM026096.D
 Acq: 23 May 2020 01:51

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.5	49.3	73.9
268	62.5	52.4	78.6





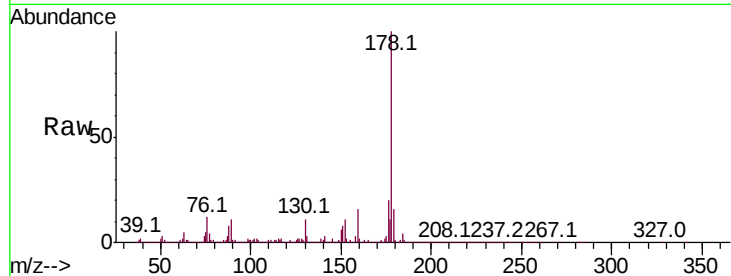
#70
Phenanthrene
Concen: 139.977 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. 0.02 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :
F9B12

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.9	17.9
176	19.5	14.9	22.3

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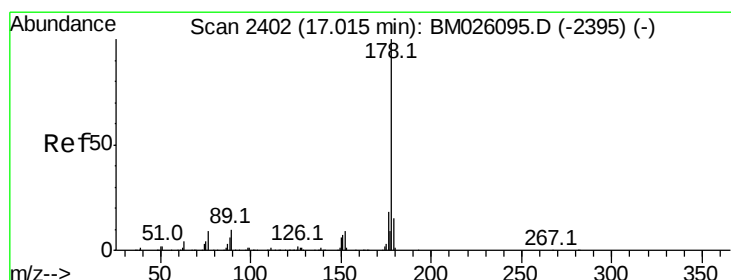
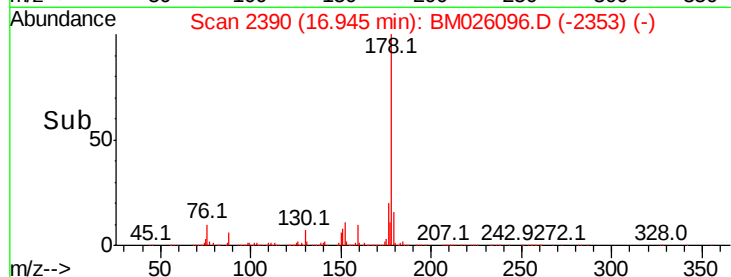
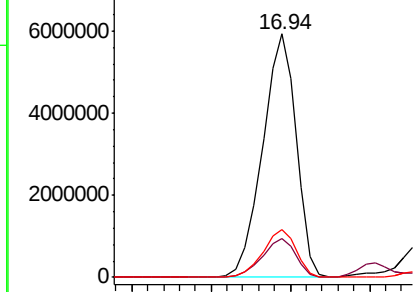


Abundance

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



#72
Anthracene
Concen: 16.429 ng/ul
RT: 17.03 min Scan# 2404
Delta R.T. 0.01 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

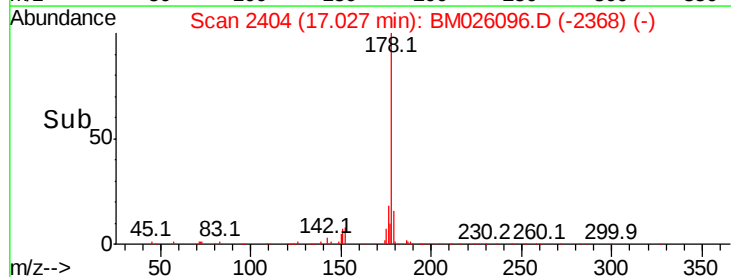
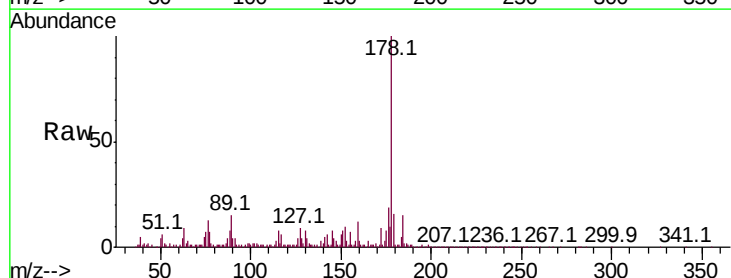
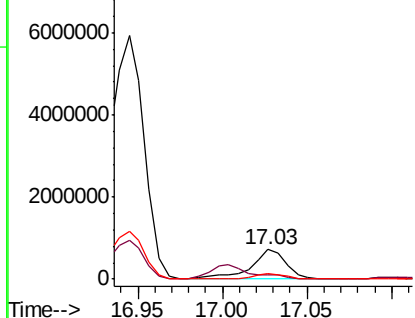
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.2	18.4
176	18.7	14.9	22.3

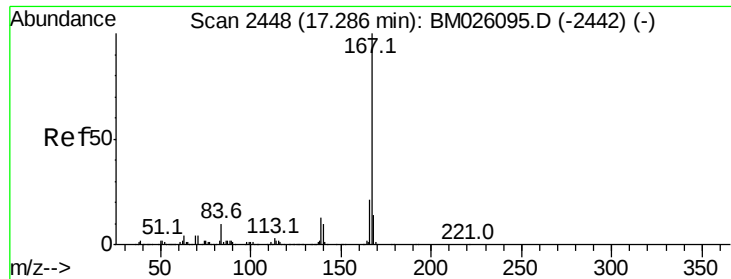
Abundance

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





#75

Carbazole

Concen: 352.201 ng/ul

RT: 17.33 min Scan# 2456

Delta R.T. 0.04 min

Lab File: BM026096.D

Acq: 23 May 2020 01:51

Instrument :

BNA_M

ClientSampleId :

F9B12

Tot Ion:167 Resp:18216017

Ion Ratio Lower Upper

167 100

166 25.5 16.6 25.0#

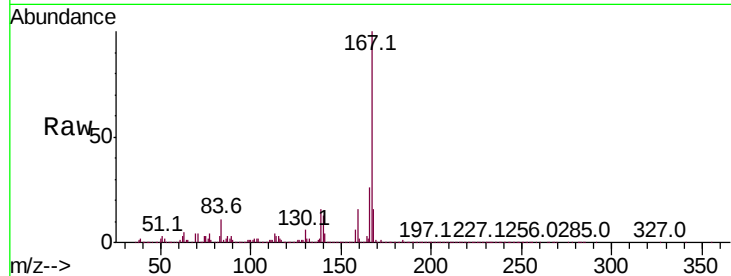
139 16.1 10.8 16.2

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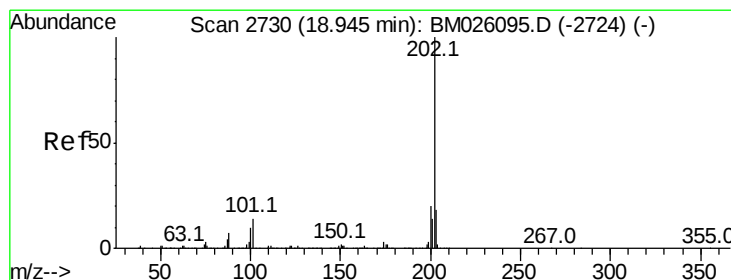
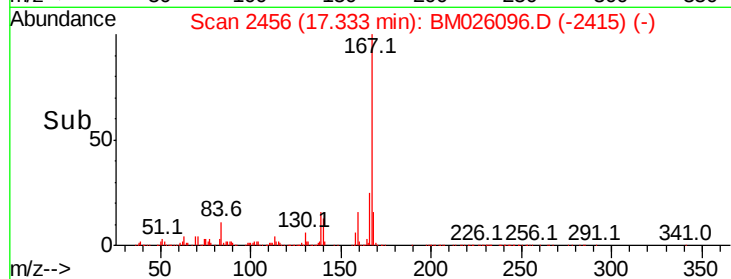
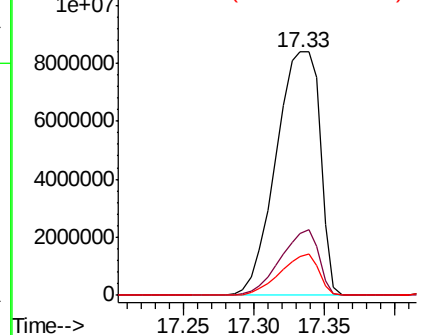
5/26/2020 10:11:22 AM



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: 17.123 ng/ul

RT: 18.96 min Scan# 2732

Delta R.T. 0.01 min

Lab File: BM026096.D

Acq: 23 May 2020 01:51

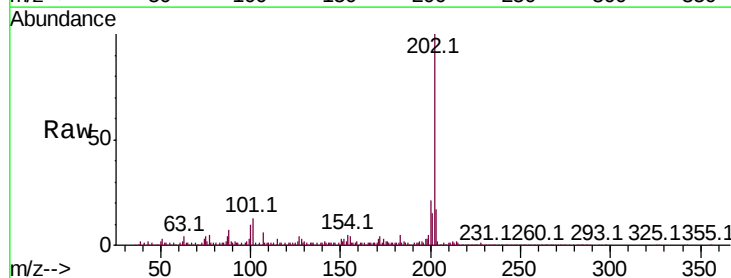
Tgt Ion:202 Resp: 1119208

Ion Ratio Lower Upper

202 100

101 12.9 9.5 14.3

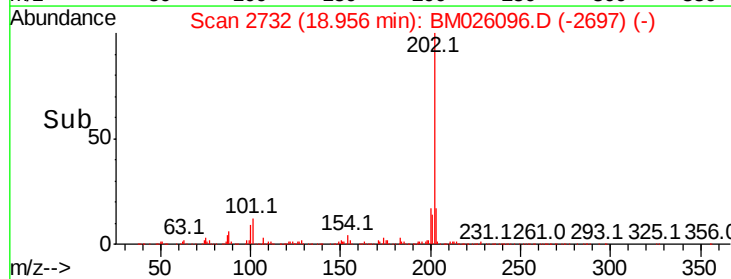
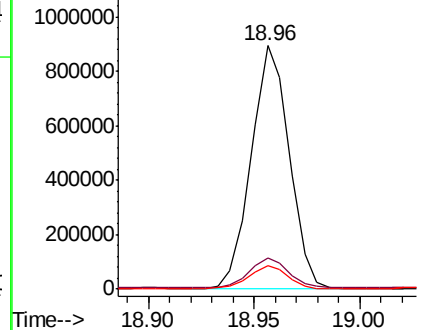
100 9.6 7.6 11.4

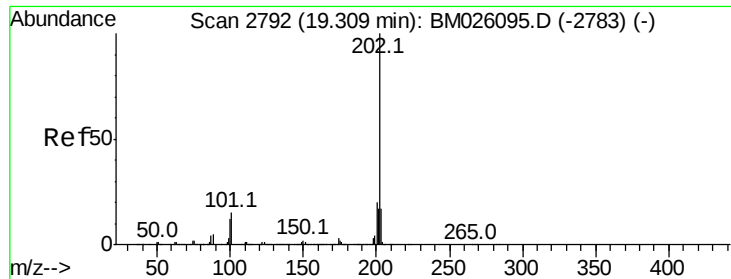


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80
 Pvrene
 Concen: 9.109 ng/ul
 RT: 19.32 min Scan# 2794
 Delta R.T. 0.01 min
 Lab File: BM026096.D
 Acq: 23 May 2020 01:51

Instrument :
 BNA_M
 ClientSampleId :
 F9B12

Tot Ion:	202	Resp:	649477
Ion Ratio	Lower	Upper	
202	100		
101	15.0	12.2	18.4
100	12.1	10.2	15.4

Manual Integrations
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mohammad
 5/26/2020 10:11:22 AM

