

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
 Data File : BM026104.D
 Acq On : 23 May 2020 06:42
 Operator : MA/SJ
 Sample : L2737-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B27

Manual Integrations
 APPROVED

mohammad
 5/26/2020 10:12:07 AM

Quant Time: May 25 02:52:39 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	7.49	152	206776	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	648367m	20.00	ng/ul	0.08
36) Acenaphthene-d10	14.14	164	506414	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1009855	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1008652	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1050934	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	32231	4.70	ng/uL	0.00
5) Phenol-d5	6.70	99	187527	10.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.85	67	444430	34.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	440671	30.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	313611	22.18	ng/ul	0.02
19) Nitrobenzene-d5	8.65	128	276803m	52.37	ng/ul	0.02
22) 2-Nitrophenol-d4	9.38	143	292064	55.85	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	9.96	165	471852	44.95	ng/ul	0.08
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.57	166	1457852	35.90	ng/ul	0.02
47) Acenaphthylene-d8	13.83	160	1778542	36.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	76437	10.63	ng/ul	0.02
58) Fluorene-d10	15.14	176	1294678	36.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	201865	34.28	ng/ul	0.02
71) Anthracene-d10	17.00	188	1873071	37.64	ng/ul	0.02
79) Pyrene-d10	19.29	212	2060118	39.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	1962811	35.09	ng/ul	0.01

Target Compounds

				Ovalue	
6) Phenol	6.72	94	23734m	1.129	ng/ul
11) 2-Methylphenol	7.96	108	1177729	81.290	ng/ul 99
14) Acetophenone	8.33	105	157794	6.653	ng/ul# 61
16) 4-Methylphenol	8.28	108	927406	58.860	ng/ul 87
24) 2,4-Dimethylphenol	9.52	107	2965640	204.251	ng/ul 97
28) Naphthalene	10.32	128	101840313m	2568.974	ng/ul
34) 2-Methylnaphthalene	11.96	142	18233797	683.843	ng/ul 97
41) 1,1'-Biophenyl	12.97	154	4033318	89.758	ng/ul 99
45) Dimethylphthalate	13.62	163	146254	3.430	ng/ul 98
48) Acenaphthylene	13.86	152	231203	4.377	ng/ul# 83
50) Acenaphthene	14.22	153	13753690	369.210	ng/ul 96
54) Dibenzofuran	14.56	168	11758224	224.602	ng/ul 99
59) Fluorene	15.20	166	7562400	178.575	ng/ul 99
70) Phenanthrene	16.94	178	11509046	180.927	ng/ul 97
72) Anthracene	17.03	178	1063302m	16.661	ng/ul
75) Carbazole	17.33	167	20712655m	392.302	ng/ul
77) Fluoranthene	18.96	202	2744083	41.125	ng/ul 99
80) Pyrene	19.32	202	1763754	24.908	ng/ul 97
83) Benzo(a)anthracene	21.07	228	294590	4.237	ng/ul 97
85) Chrysene	21.13	228	235470m	3.407	ng/ul
88) Benzo(b)fluoranthene	22.59	252	157091	2.210	ng/ul# 91
91) Benzo(a)pyrene	23.12	252	76599	1.224	ng/ul 94

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

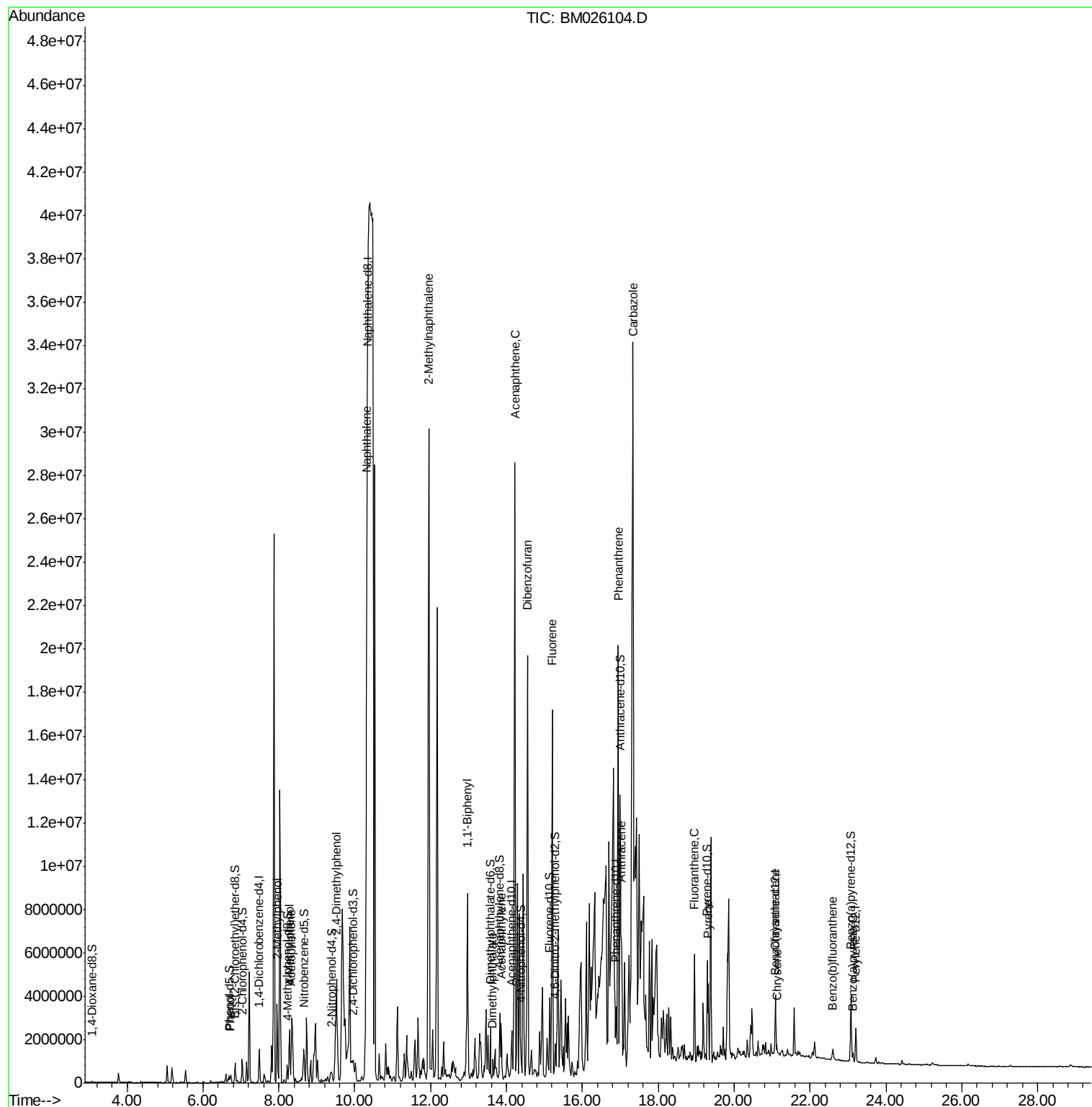
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026104.D
Acq On : 23 May 2020 06:42
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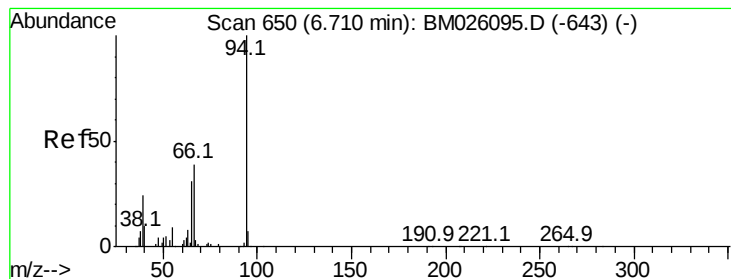
Instrument :
BNA_M
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#6

Phenol

Concen: 1.129 ng/ul m

RT: 6.72 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM026104.D

Acq: 23 May 2020 06:42

Instrument :

BNA_M

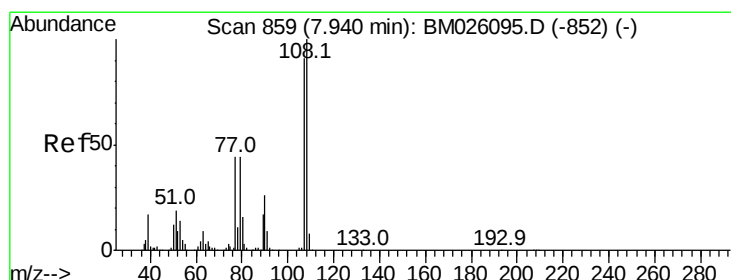
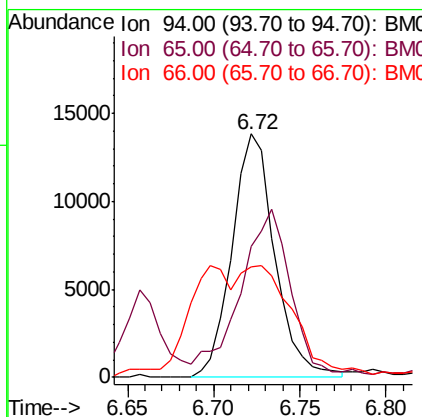
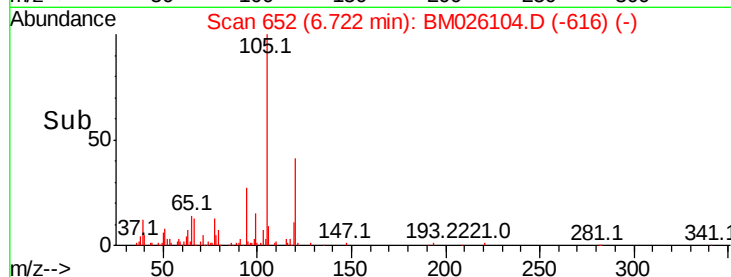
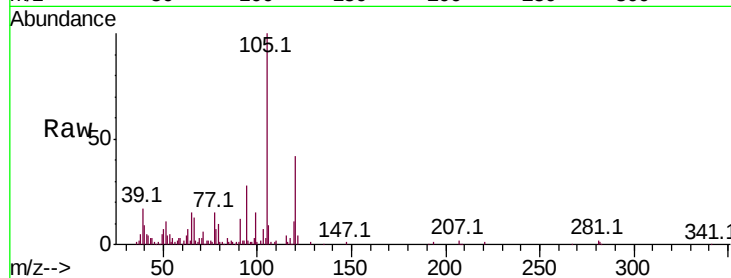
ClientSampleId :

F9B27

Tot Ion	Ratio	Lower	Upper
94	100		
65	53.9	25.8	38.8#
66	45.6	33.3	49.9

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#11

2-Methylphenol

Concen: 81.290 ng/ul

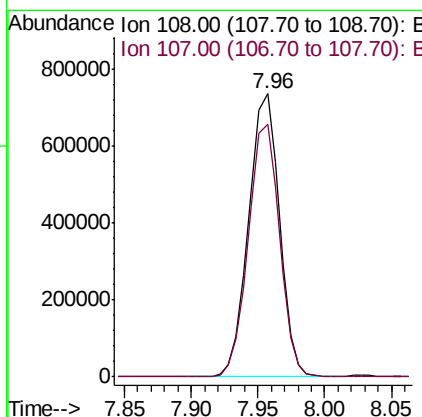
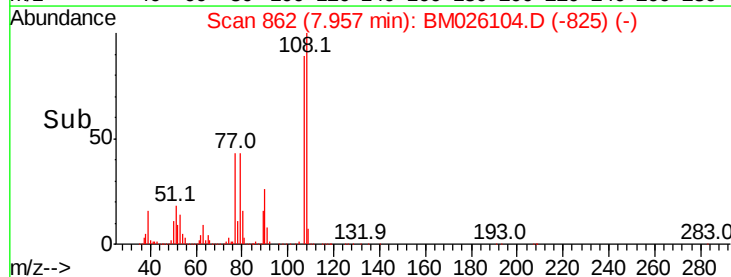
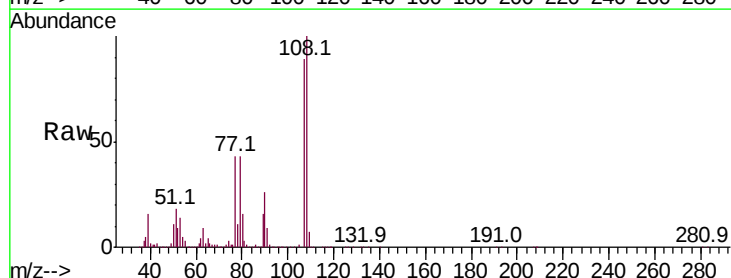
RT: 7.96 min Scan# 862

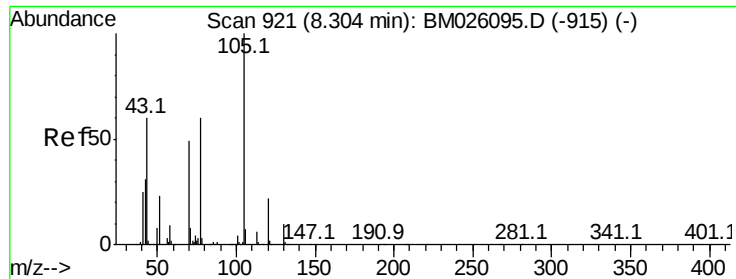
Delta R.T. 0.02 min

Lab File: BM026104.D

Acq: 23 May 2020 06:42

Tgt Ion	Ratio	Lower	Upper
108	100		
107	89.4	72.3	108.5





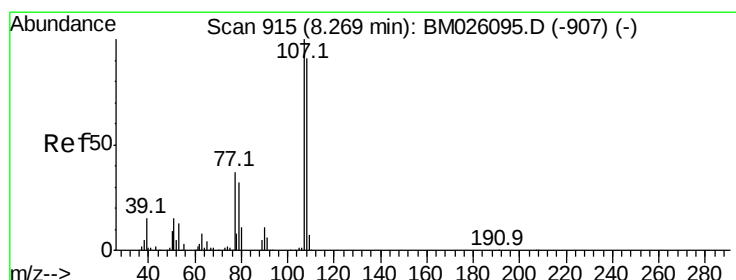
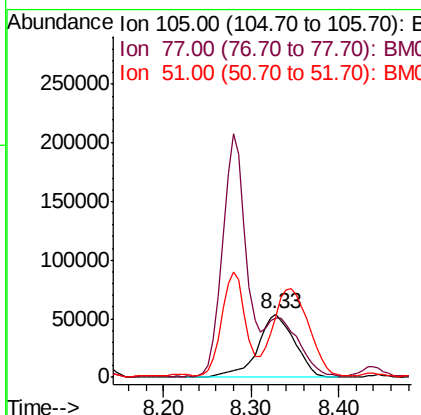
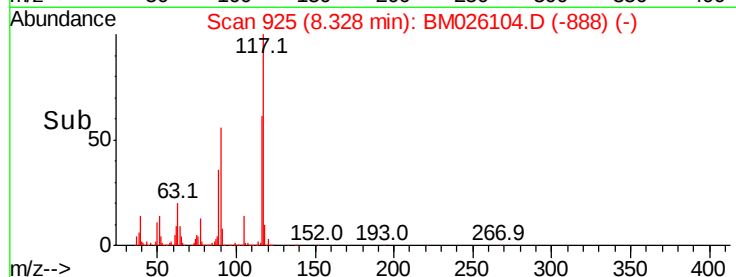
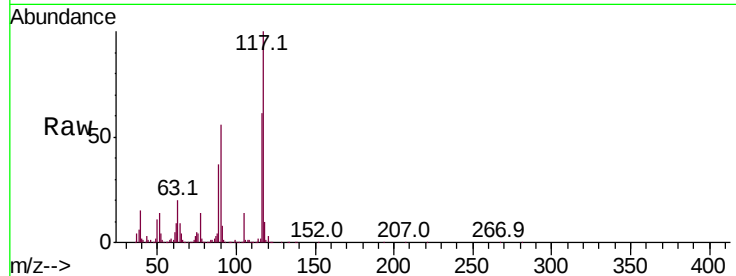
#14
Acetophenone
Concen: 6.653 ng/ul
RT: 8.33 min Scan# 925
Delta R.T. 0.02 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :
F9B27

Tot Ion	Ratio	Resp	Lower	Upper
105	100	157794		
77	94.4	67.2	100.8	
51	96.3	27.4	41.0	

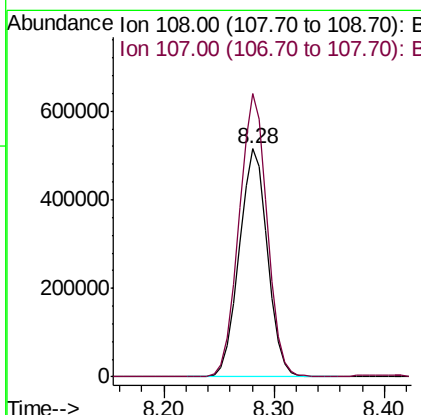
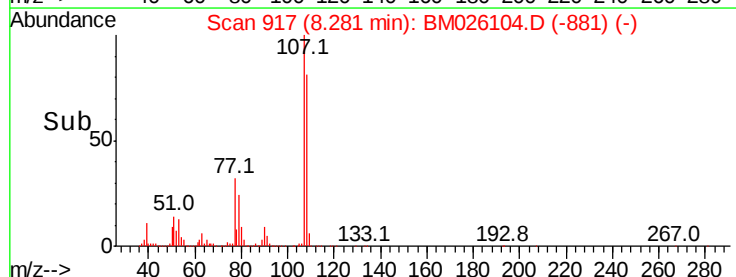
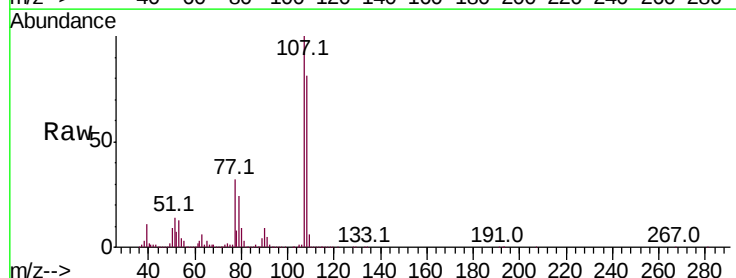
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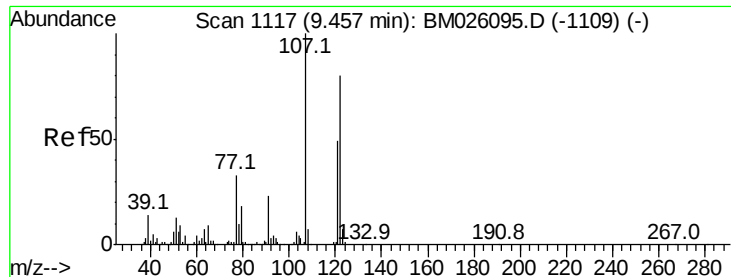
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#16
4-Methylphenol
Concen: 58.860 ng/ul
RT: 8.28 min Scan# 917
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	927406		
107	124.0	88.6	132.8	





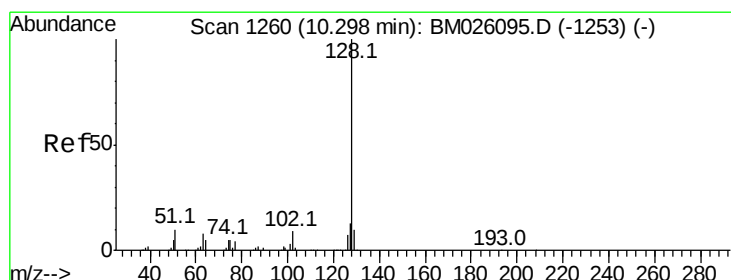
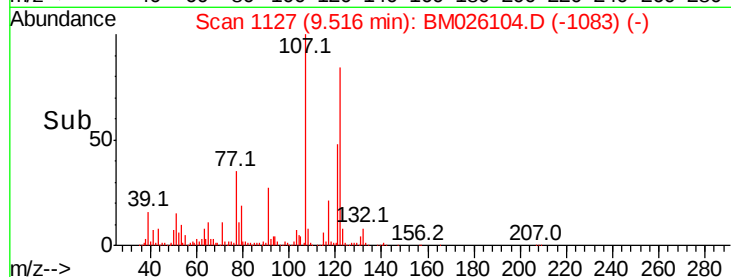
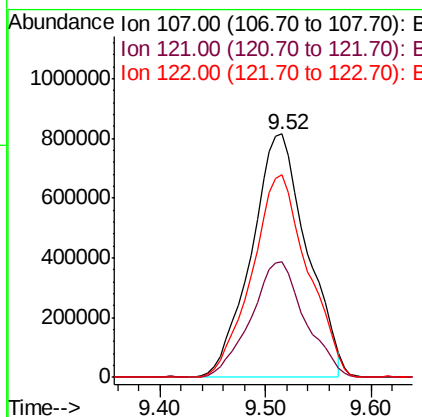
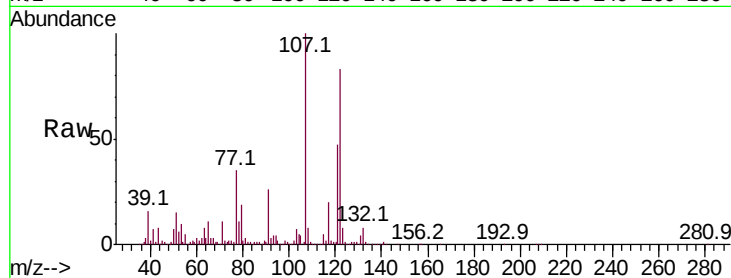
#24
2,4-Dimethylphenol
Concen: 204.251 ng/ul
RT: 9.52 min Scan# 1127
Delta R.T. 0.06 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampled :
F9B27

Tot Ion	Ratio	Lower	Upper
107	100		
121	47.3	37.5	56.3
122	83.0	63.8	95.6

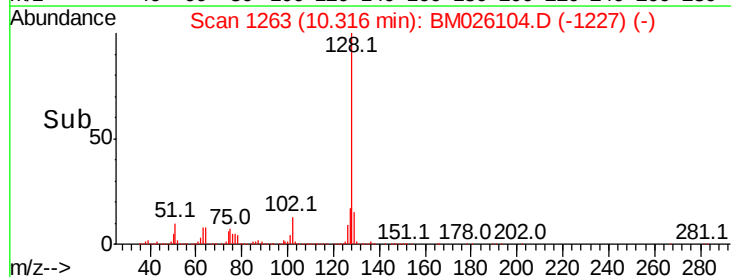
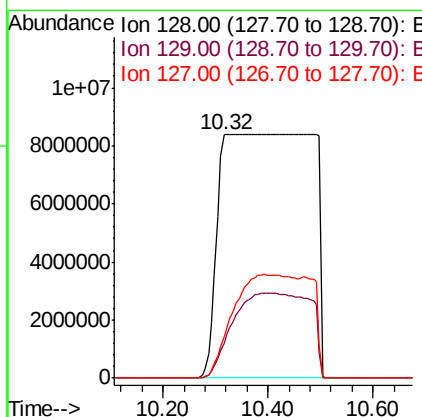
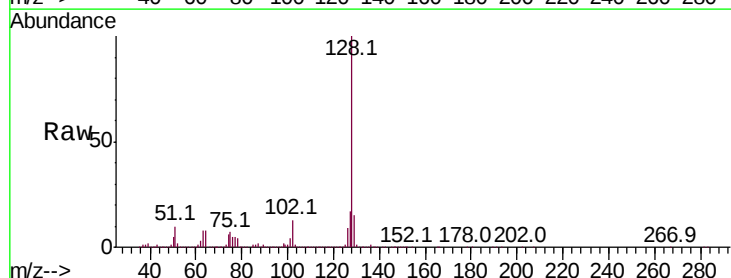
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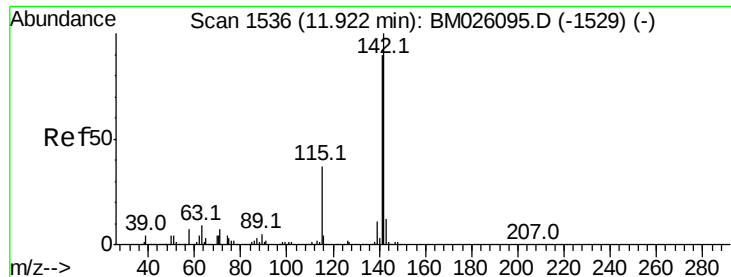
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#28
Naphthalene
Concen: 2568.974 ng/ul m
RT: 10.32 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.0	13.4#
127	16.9	10.6	15.8#





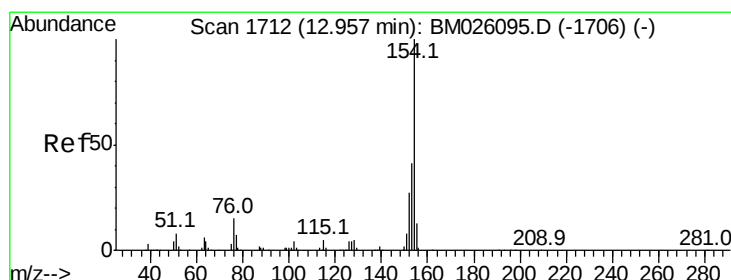
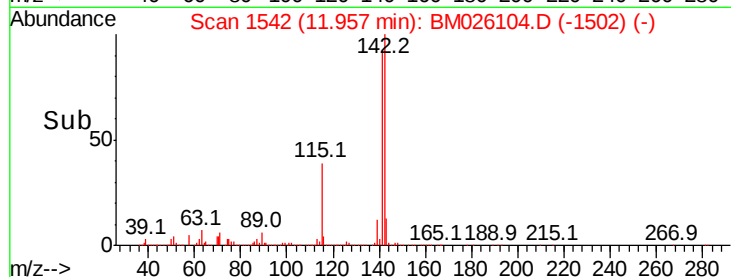
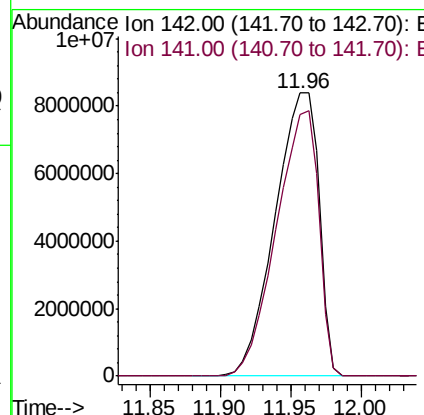
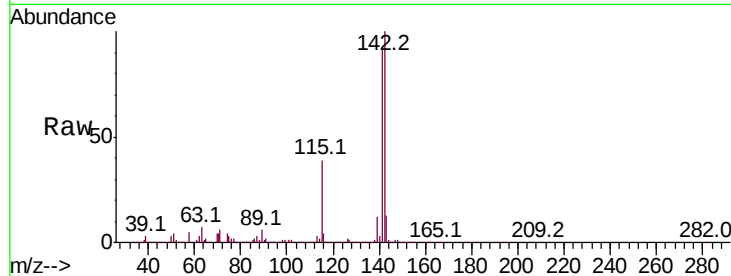
#34
2-Methylnaphthalene
Concen: 683.843 ng/ul
RT: 11.96 min Scan# 1542
Delta R.T. 0.04 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :
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Tot Ion:142 Resp:18233797
Ion Ratio Lower Upper
142 100
141 92.4 71.8 107.6

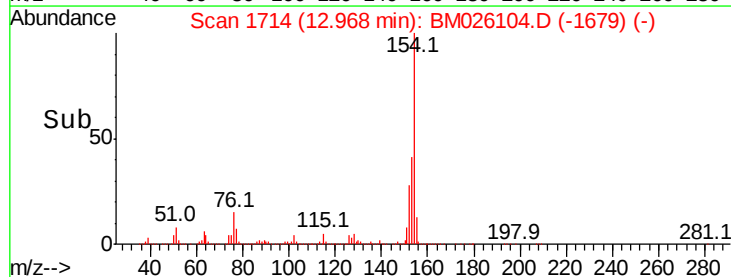
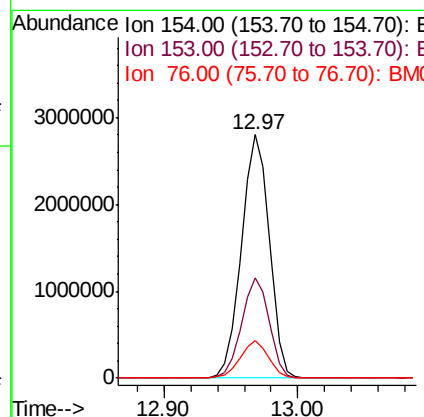
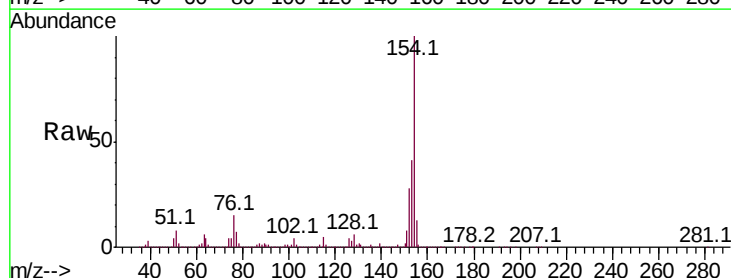
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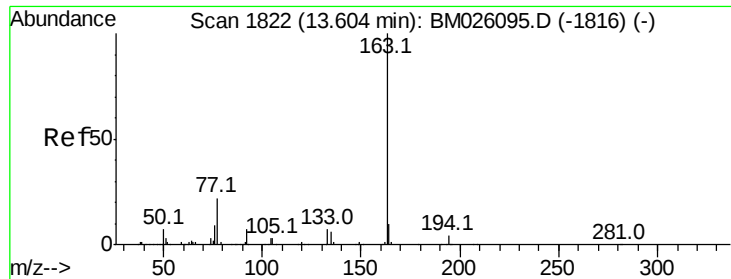
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#41
1,1'-Biphenyl
Concen: 89.758 ng/ul
RT: 12.97 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:154 Resp: 4033318
Ion Ratio Lower Upper
154 100
153 41.0 32.3 48.5
76 15.2 13.0 19.6





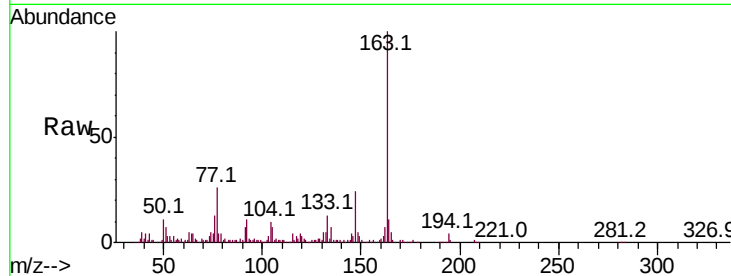
#45
Dimethylphthalate
Concen: 3.430 ng/ul
RT: 13.62 min Scan# 1825
Delta R.T. 0.02 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	146254		
194	4.5	3.2	4.8	
164	10.8	8.0	12.0	

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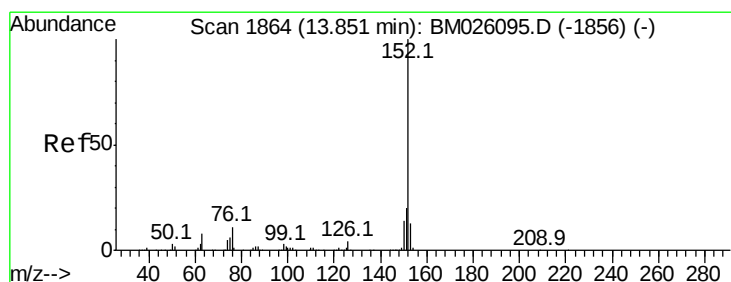
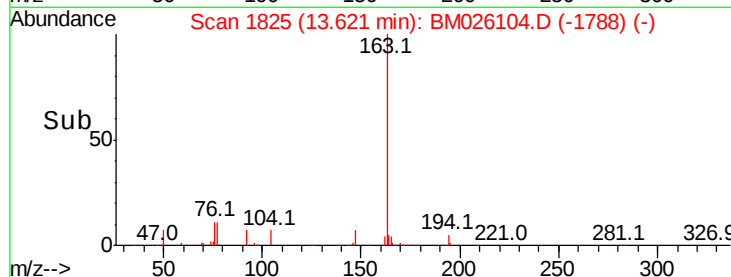
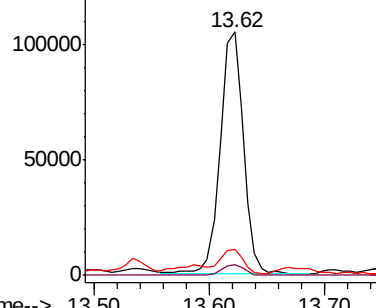


Abundance

Ion 163.00 (162.70 to 163.70): E

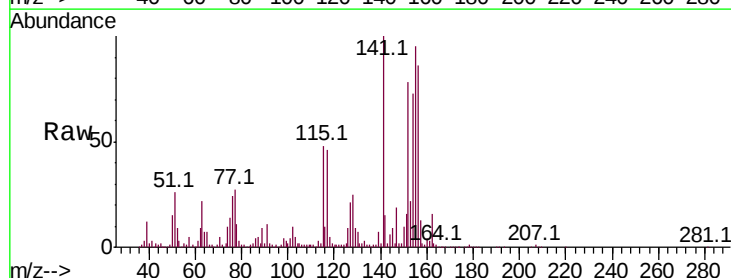
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 4.377 ng/ul
RT: 13.86 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	231203		
151	20.8	15.7	23.5	
153	28.5	10.2	15.2#	

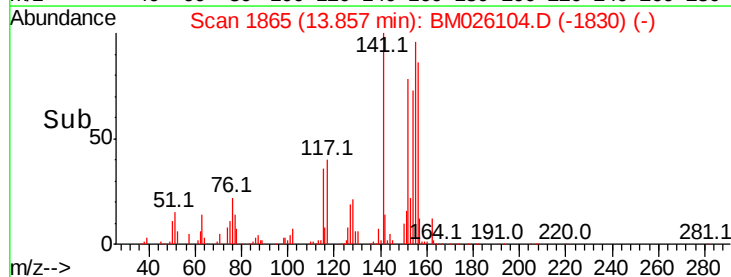
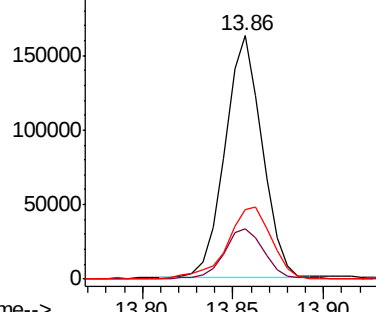


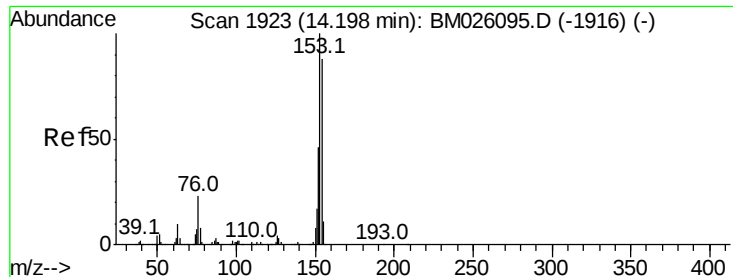
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 369.210 ng/ul

RT: 14.22 min Scan# 1927

Delta R.T. 0.02 min

Lab File: BM026104.D

Acq: 23 May 2020 06:42

Instrument :

BNA_M

ClientSampled :

F9B27

Tot Ion:153 Resp:13753690

Ion Ratio Lower Upper

153 100

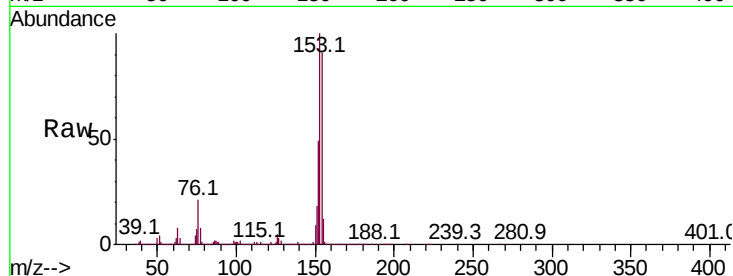
152 49.0 37.2 55.8

154 90.6 69.8 104.8

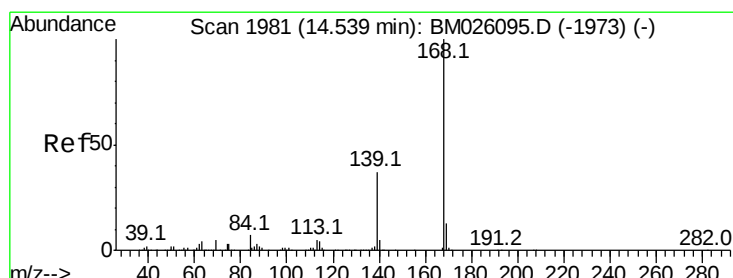
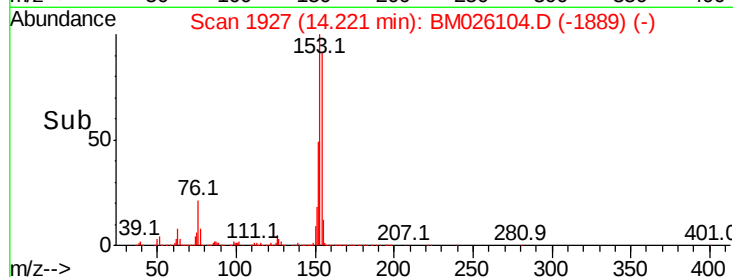
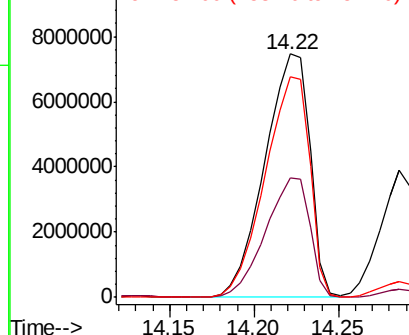
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Abundance Ion 153.00 (152.70 to 153.70): E
1e+07 Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 224.602 ng/ul

RT: 14.56 min Scan# 1984

Delta R.T. 0.02 min

Lab File: BM026104.D

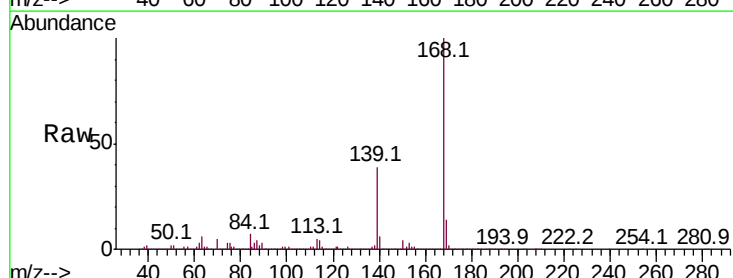
Acq: 23 May 2020 06:42

Tgt Ion:168 Resp:11758224

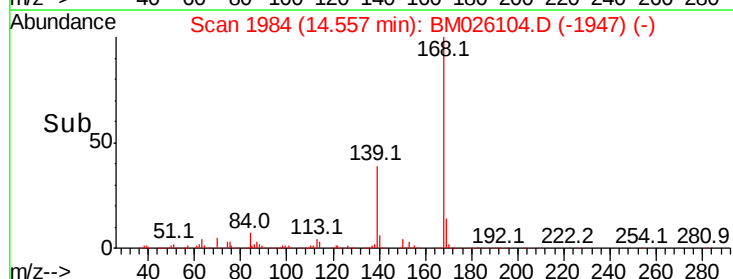
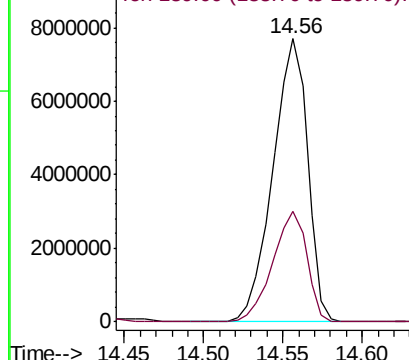
Ion Ratio Lower Upper

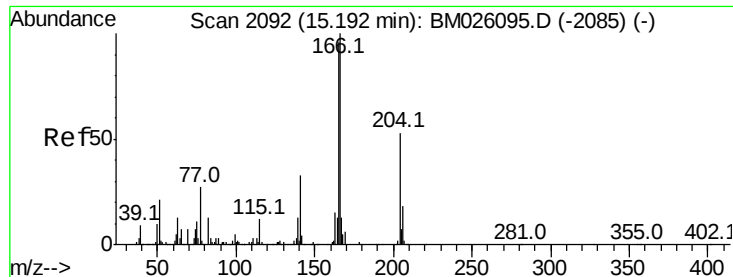
168 100

139 39.0 30.7 46.1



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





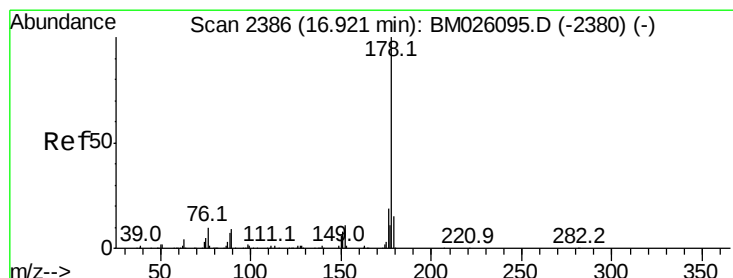
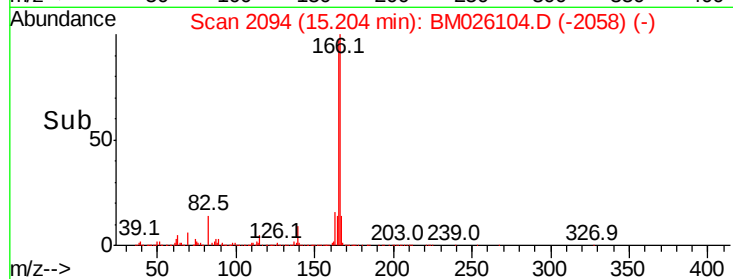
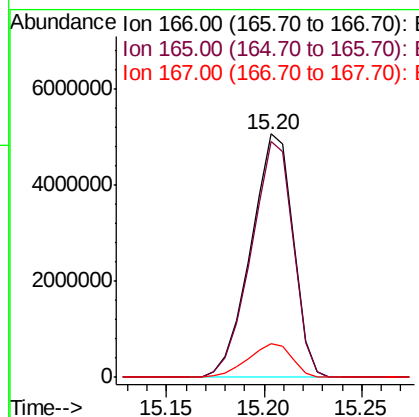
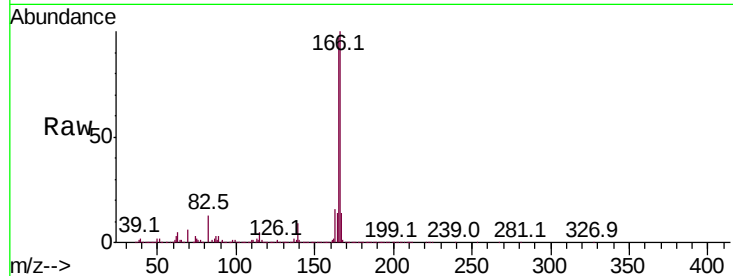
#59
Fluorene
 Concen: 178.575 ng/ul
 RT: 15.20 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: BM026104.D
 Acq: 23 May 2020 06:42

Instrument :
 BNA_M
 ClientSampleId :
 F9B27

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.3	115.9
167	14.1	10.6	16.0

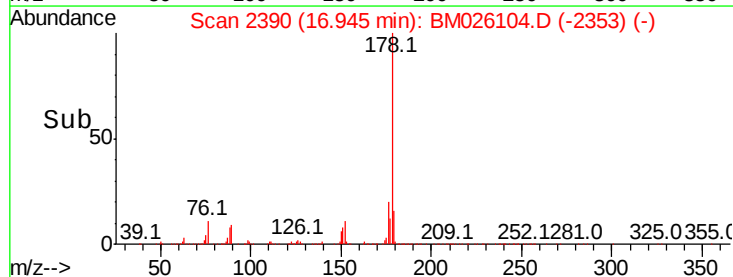
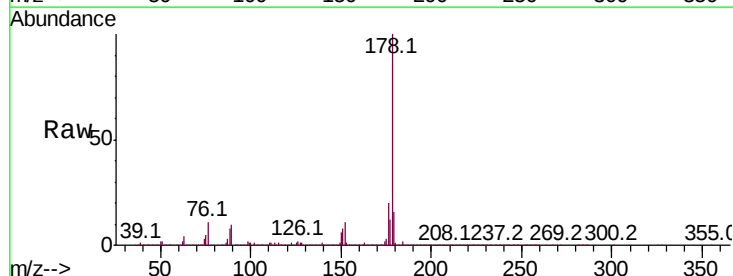
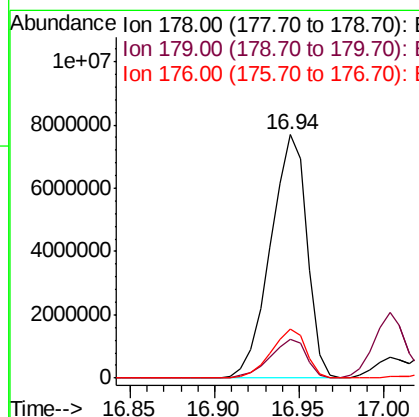
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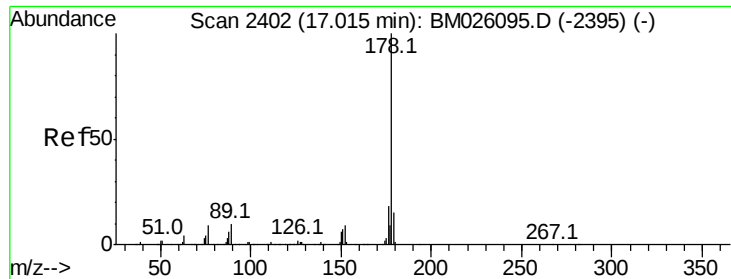
mohammad
 5/26/2020 10:12:07 AM



#70
Phenanthrene
 Concen: 180.927 ng/ul
 RT: 16.94 min Scan# 2390
 Delta R.T. 0.02 min
 Lab File: BM026104.D
 Acq: 23 May 2020 06:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.9	17.9
176	20.1	14.9	22.3





#72

Anthracene

Concen: 16.661 ng/ul m

RT: 17.03 min Scan# 2404

Delta R.T. 0.01 min

Lab File: BM026104.D

Acq: 23 May 2020 06:42

Instrument :

BNA_M

ClientSampled :

F9B27

Tot Ion:178 Resp: 1063302

Ion Ratio Lower Upper

178 100

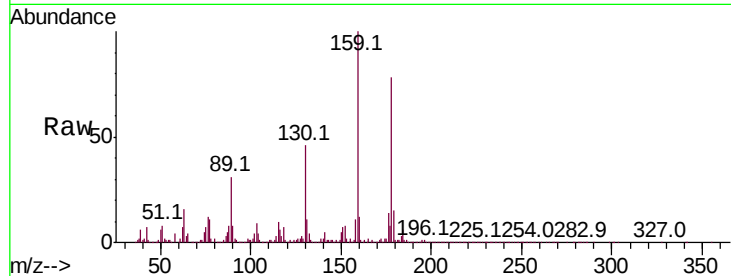
179 19.1 12.2 18.4#

176 18.3 14.9 22.3

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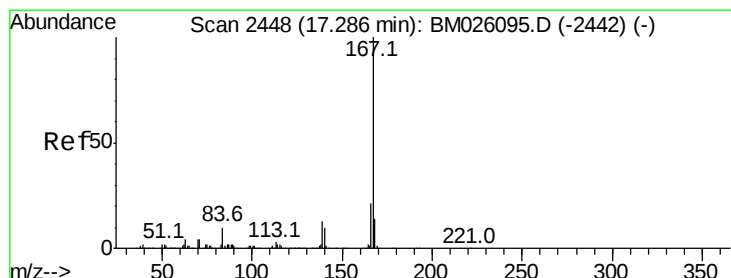
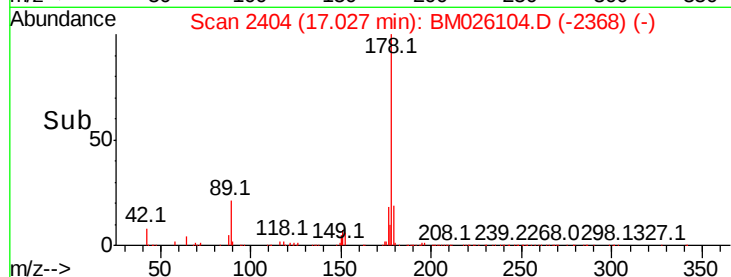
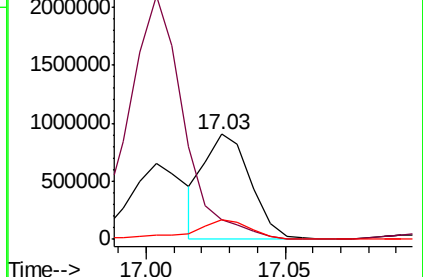
5/26/2020 10:12:07 AM



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: 392.302 ng/ul m

RT: 17.33 min Scan# 2455

Delta R.T. 0.04 min

Lab File: BM026104.D

Acq: 23 May 2020 06:42

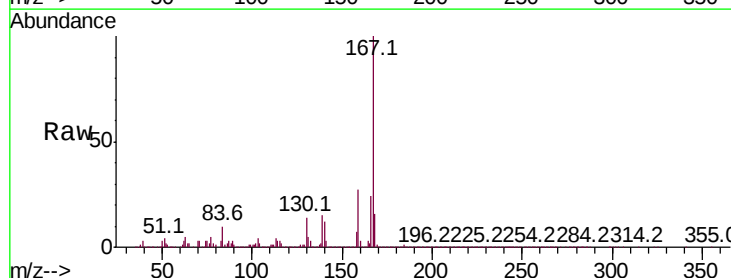
Tgt Ion:167 Resp:20712655

Ion Ratio Lower Upper

167 100

166 24.1 16.6 25.0

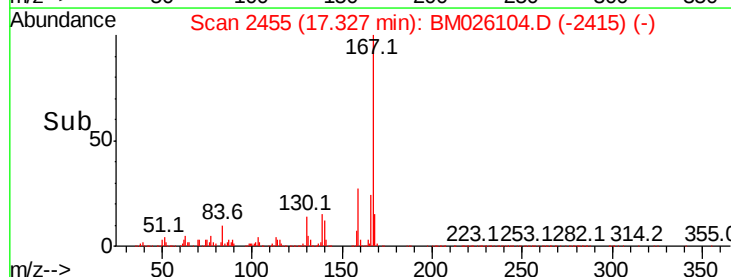
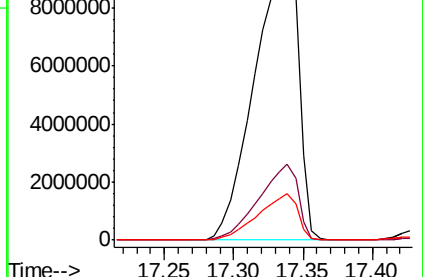
139 14.9 10.8 16.2

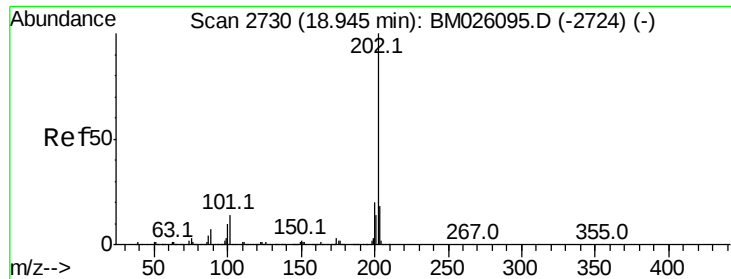


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





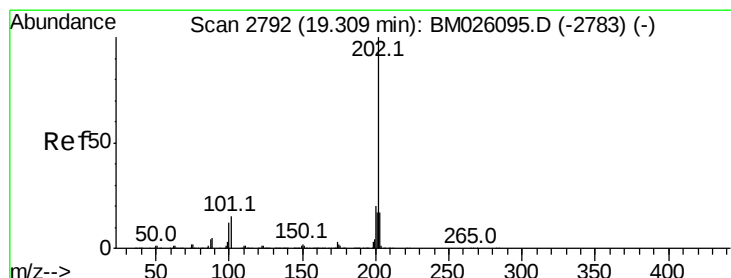
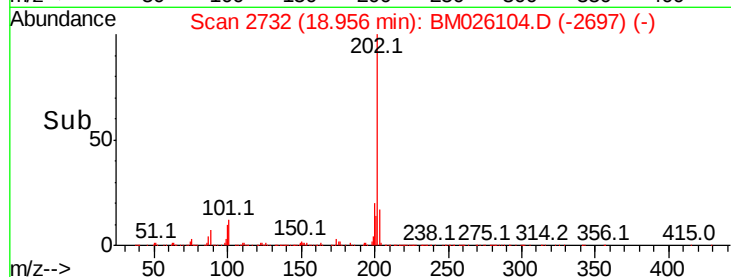
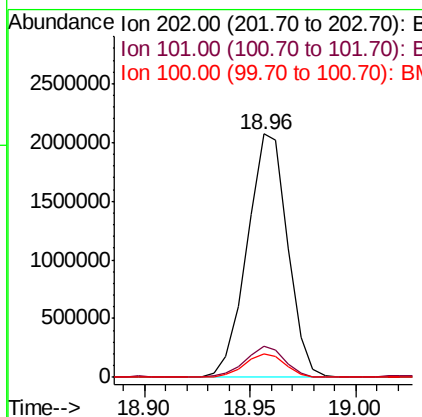
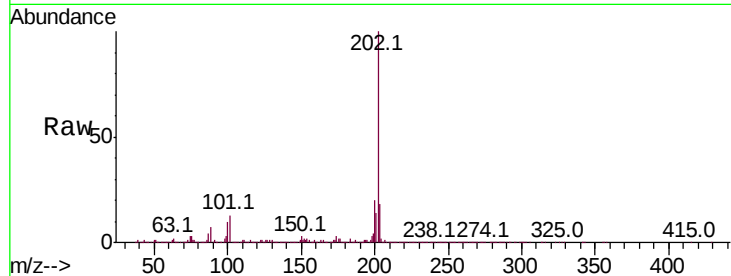
#77
Fluoranthene
 Concen: 41.125 ng/ul
 RT: 18.96 min Scan# 2732
 Delta R.T. 0.01 min
 Lab File: BM026104.D
 Acq: 23 May 2020 06:42

Instrument :
 BNA_M
 ClientSampleId :
 F9B27

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.5	14.3
100	9.7	7.6	11.4

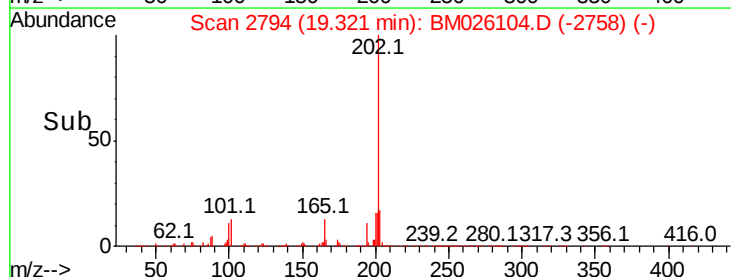
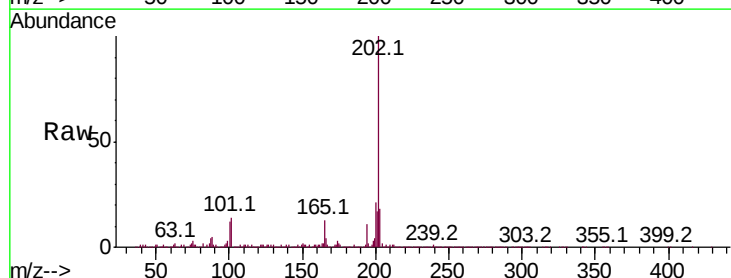
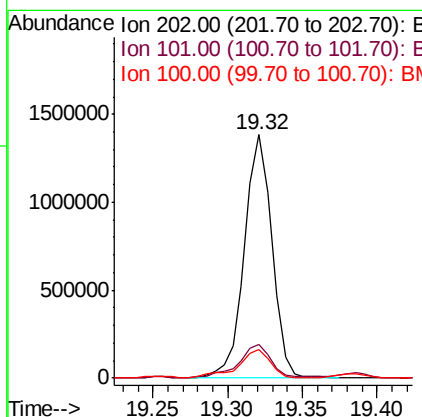
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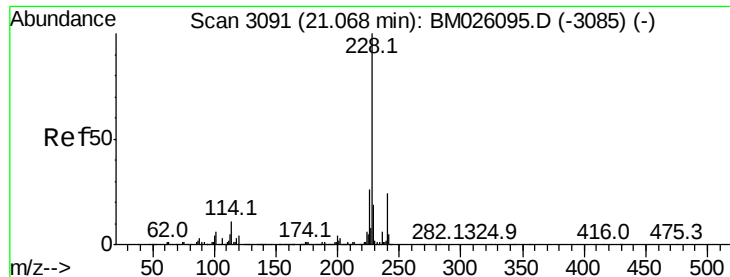
mohammad
 5/26/2020 10:12:07 AM



#80
Pyrene
 Concen: 24.908 ng/ul
 RT: 19.32 min Scan# 2794
 Delta R.T. 0.01 min
 Lab File: BM026104.D
 Acq: 23 May 2020 06:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	12.2	18.4
100	11.6	10.2	15.4





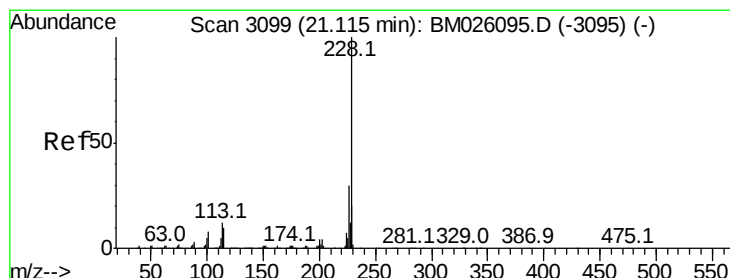
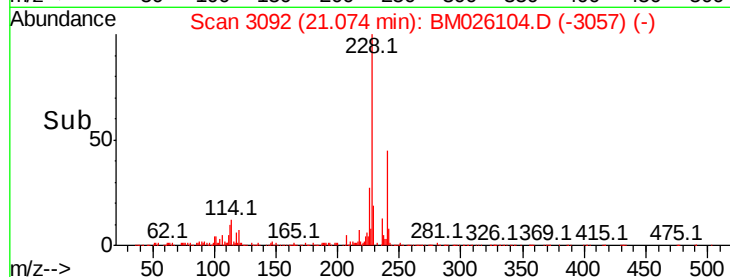
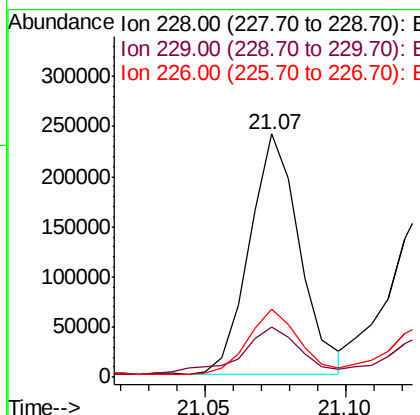
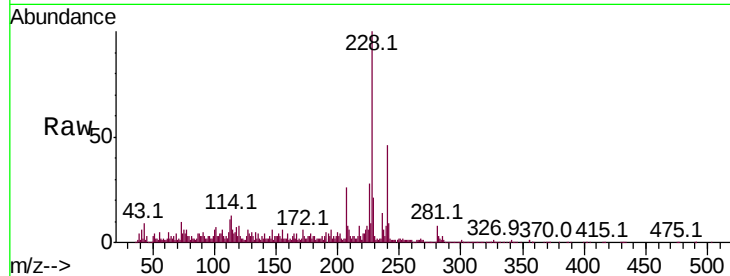
#83
Benzo(a)anthracene
Concen: 4.237 ng/ul
RT: 21.07 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :
F9B27

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.5	23.3
226	28.1	21.2	31.8

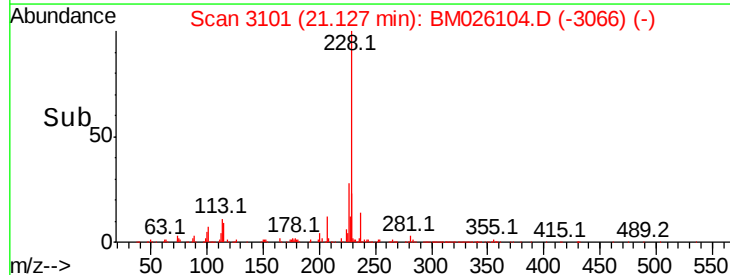
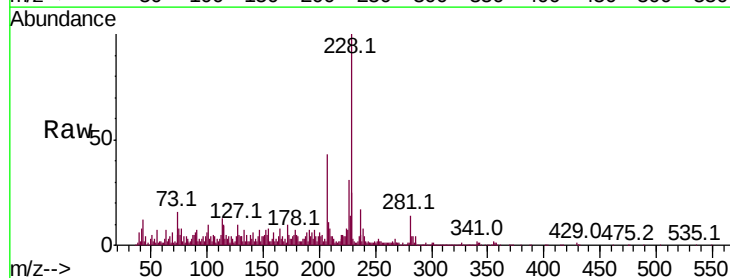
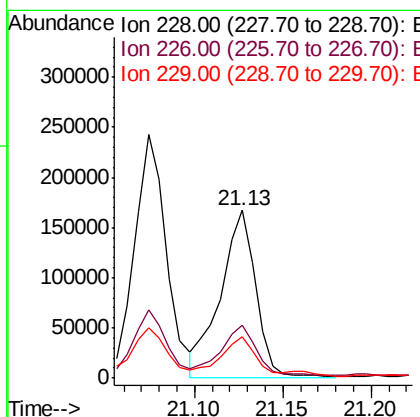
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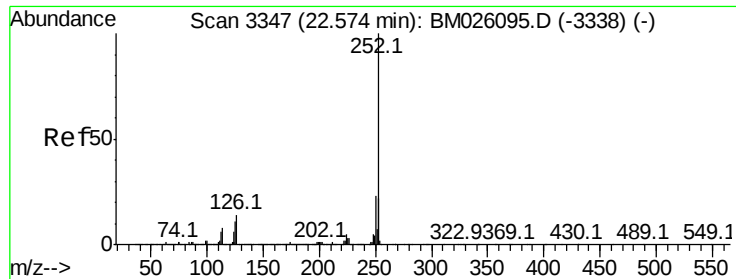
mohammad
5/26/2020 10:12:07 AM



#85
Chrysene
Concen: 3.407 ng/ul m
RT: 21.13 min Scan# 3101
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.0	34.6
229	24.5	15.5	23.3





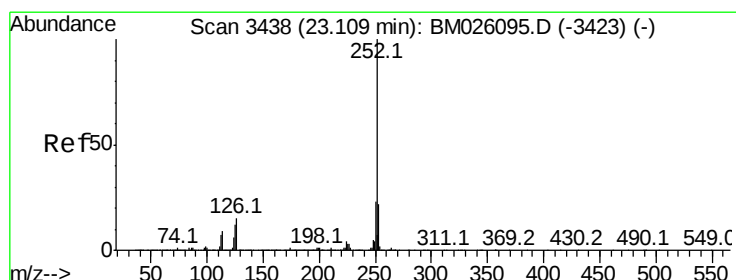
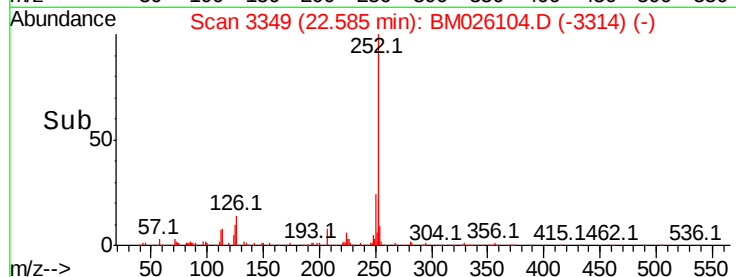
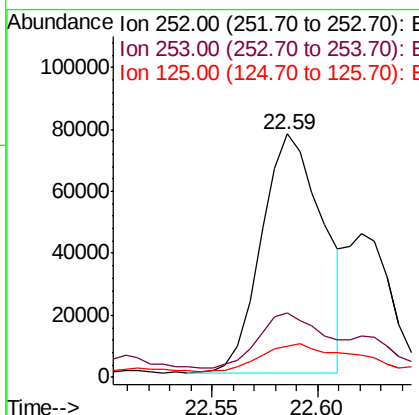
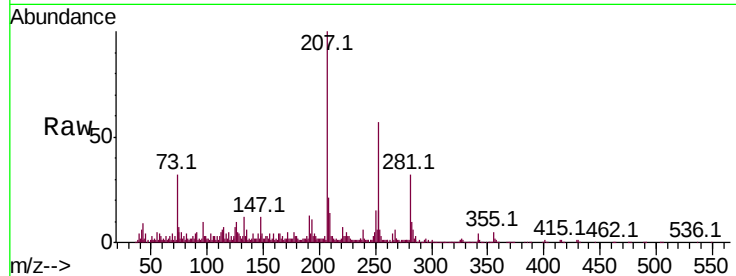
#88
Benzo(b)fluoranthene
Concen: 2.210 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampled :
F9B27

Tot Ion	Ratio	Resp	Lower	Upper
252	100	157091		
253	26.7	17.1	25.7#	
125	12.9	8.9	13.3	

Manual Integrations
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#91
Benzo(a)pyrene
Concen: 1.224 ng/ul
RT: 23.12 min Scan# 3440
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	76599		
253	25.0	17.6	26.4	
125	14.1	9.8	14.6	

