

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
 Data File : BM026097.D
 Acq On : 23 May 2020 02:27
 Operator : MA/SJ
 Sample : L2737-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B24

Manual Integrations
 APPROVED

mohammad
 5/26/2020 10:11:25 AM

Quant Time: May 25 01:14:28 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	206363	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	769437	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.14	164	513082	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1050701	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	1052132	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1085813	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	28143	4.11	ng/uL	0.00
5) Phenol-d5	6.69	99	157027	8.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	413179	31.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	395222	26.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	276456	19.60	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	255063	40.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	273793	44.12	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.92	165	450278	36.14	ng/ul	0.03
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	1492938	36.28	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1771384	36.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	77174	10.59	ng/ul	0.00
58) Fluorene-d10	15.14	176	1284981	35.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	245320	40.04	ng/ul	0.00
71) Anthracene-d10	16.99	188	1940619	37.48	ng/ul	0.00
79) Pyrene-d10	19.29	212	2135679	39.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2157963	37.34	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	6.72	94	29341	1.398	ng/ul	97
11) 2-Methylphenol	7.95	108	32803	2.269	ng/ul	99
14) Acetophenone	8.32	105	189051	7.987	ng/ul#	92
16) 4-Methylphenol	8.27	108	70894	4.508	ng/ul	95
24) 2,4-Dimethylphenol	9.47	107	159624m	9.264	ng/ul	
28) Naphthalene	10.32	128	70117364m	1490.436	ng/ul	
34) 2-Methylnaphthalene	11.95	142	9458556	298.918	ng/ul	100
41) 1,1'-Biophenyl	12.96	154	2291357	50.329	ng/ul	99
45) Dimethylphthalate	13.61	163	125156	2.897	ng/ul	98
48) Acenaphthylene	13.85	152	226894	4.240	ng/ul#	93
50) Acenaphthene	14.22	153	7949514	210.627	ng/ul	98
54) Dibenzofuran	14.54	168	5496338	103.625	ng/ul	100
59) Fluorene	15.20	166	3756882	87.560	ng/ul	100
70) Phenanthrene	16.93	178	4796389	72.470	ng/ul	99
72) Anthracene	17.02	178	395447	5.955	ng/ul	100
75) Carbazole	17.31	167	12057914	219.501	ng/ul	98
77) Fluoranthene	18.95	202	627101	9.033	ng/ul	99
80) Pyrene	19.32	202	624498	8.455	ng/ul	96

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

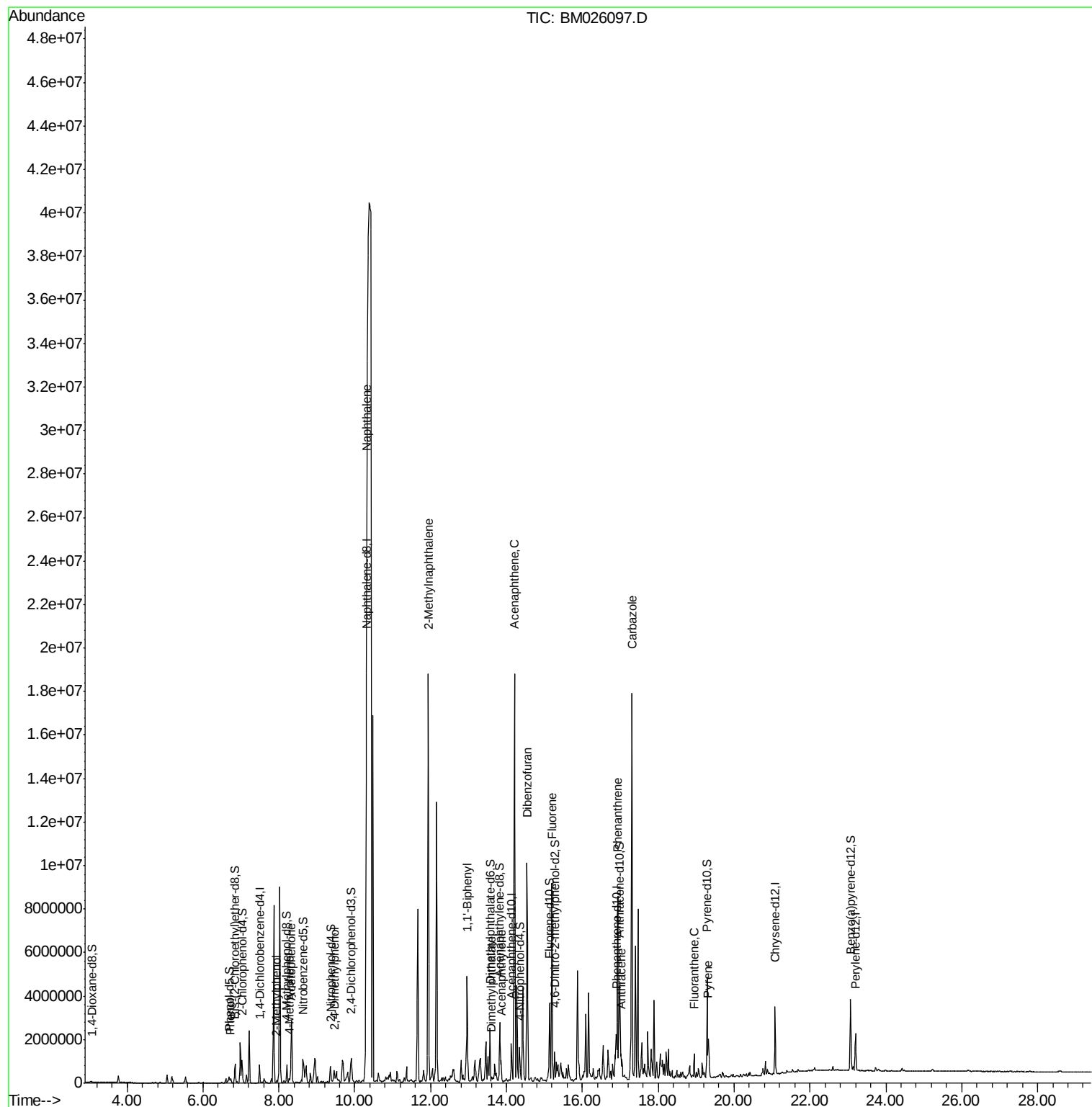
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026097.D
Acq On : 23 May 2020 02:27
Operator : MA/SJ
Sample : L2737-05
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ALS Vial : 22 Sample Multiplier: 1

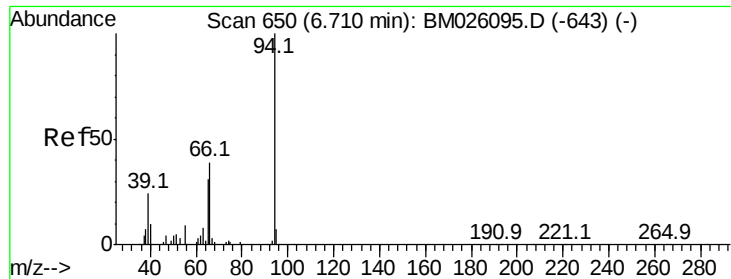
Instrument :
BNA_M
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Quant Time: May 25 01:14:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.398 ng/ul

RT: 6.72 min Scan# 651

Delta R.T. 0.01 min

Lab File: BM026097.D

Acq: 23 May 2020 02:27

Instrument :

BNA_M

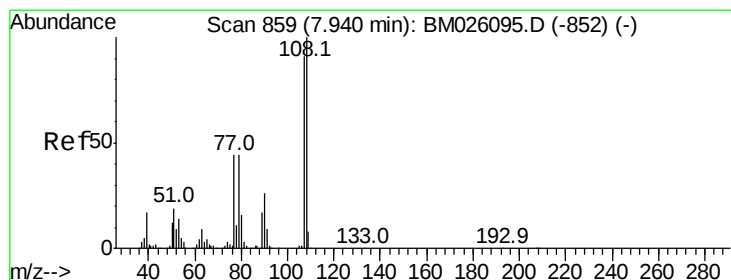
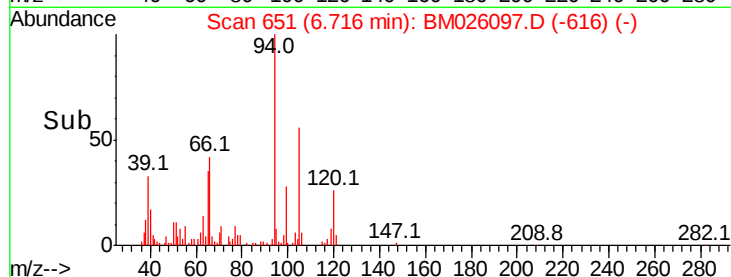
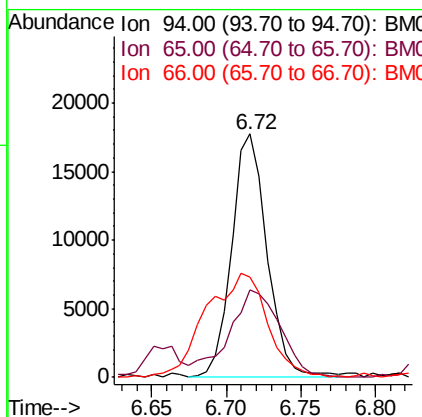
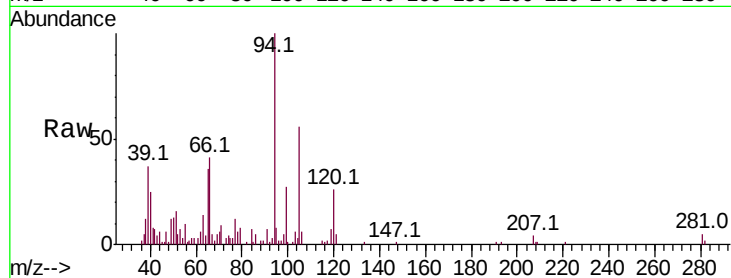
ClientSampleId :

F9B24

Tot Ion:	94	Resp:	29341
Ion Ratio	Lower	Upper	
94	100		
65	35.9	25.8	38.8
66	41.4	33.3	49.9

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#11

2-Methylphenol

Concen: 2.269 ng/ul

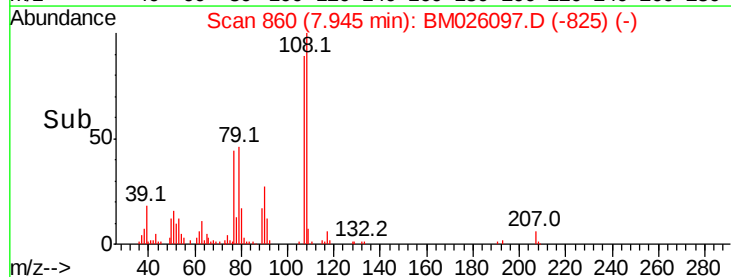
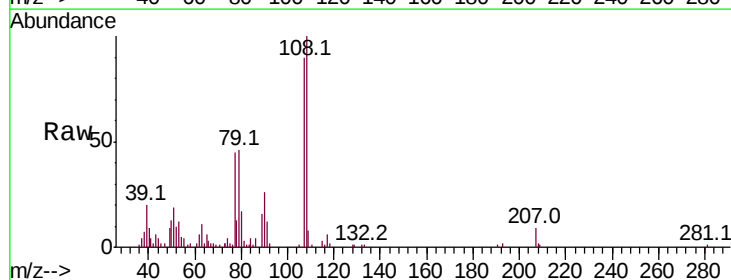
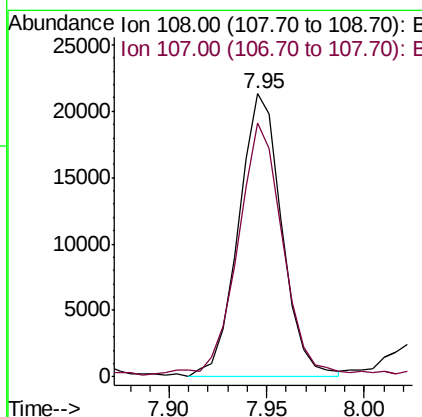
RT: 7.95 min Scan# 860

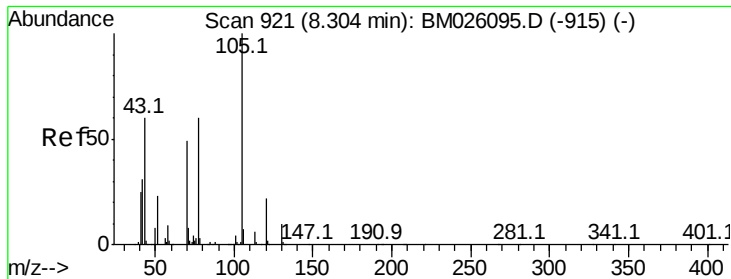
Delta R.T. 0.01 min

Lab File: BM026097.D

Acq: 23 May 2020 02:27

Tgt Ion:	108	Resp:	32803
Ion Ratio	Lower	Upper	
108	100		
107	89.6	72.3	108.5





#14

Acetophenone

Concen: 7.987 ng/ul

RT: 8.32 min Scan# 923

Delta R.T. 0.01 min

Lab File: BM026097.D

Acq: 23 May 2020 02:27

Instrument :

BNA_M

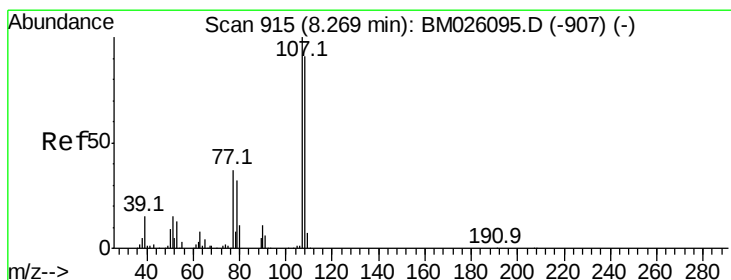
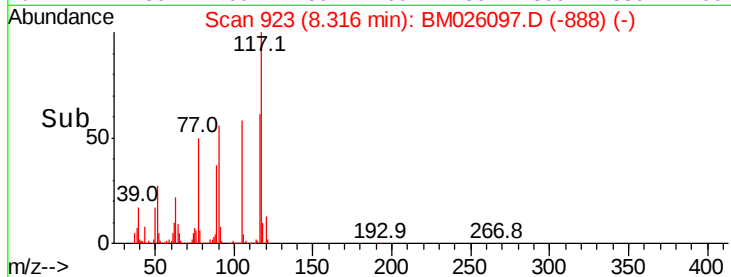
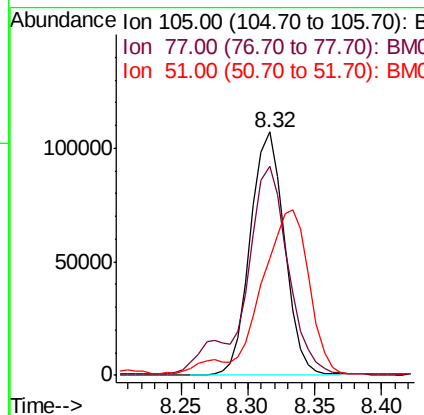
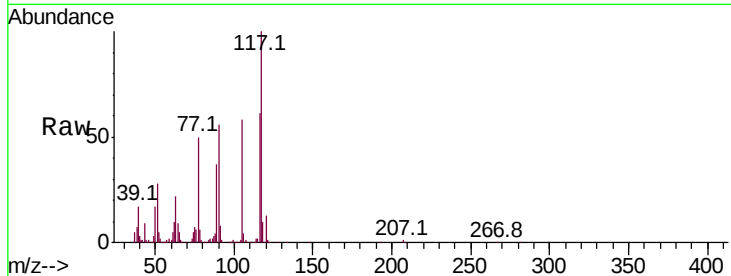
ClientSampled :

F9B24

Tot Ion:	105	Resp:	189051
Ion Ratio	Lower	Upper	
105	100		
77	85.7	67.2	100.8
51	47.8	27.4	41.0#

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#16

4-Methylphenol

Concen: 4.508 ng/ul

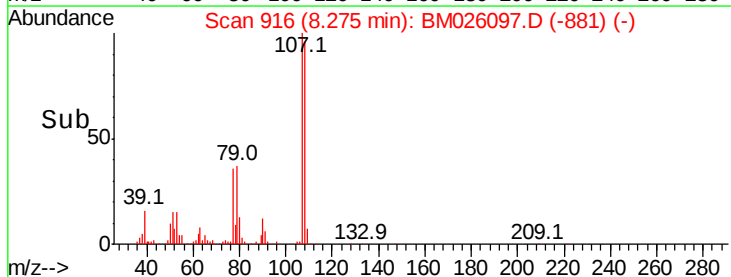
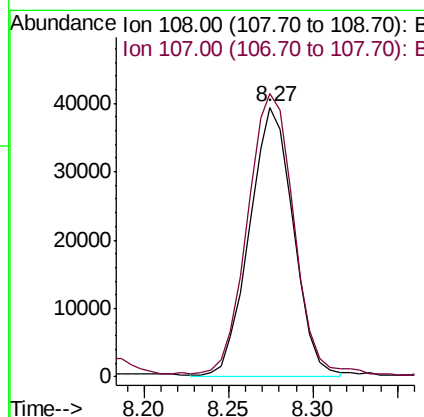
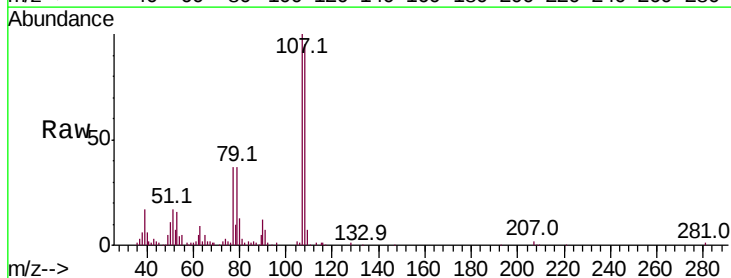
RT: 8.27 min Scan# 916

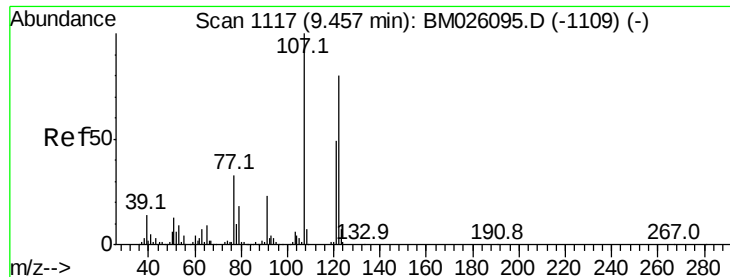
Delta R.T. 0.01 min

Lab File: BM026097.D

Acq: 23 May 2020 02:27

Tgt Ion:	108	Resp:	70894
Ion Ratio	Lower	Upper	
108	100		
107	104.9	88.6	132.8





#24

2,4-Dimethylphenol

Concen: 9.264 ng/ul m

RT: 9.47 min Scan# 1120

Delta R.T. 0.02 min

Lab File: BM026097.D

Acq: 23 May 2020 02:27

Instrument :

BNA_M

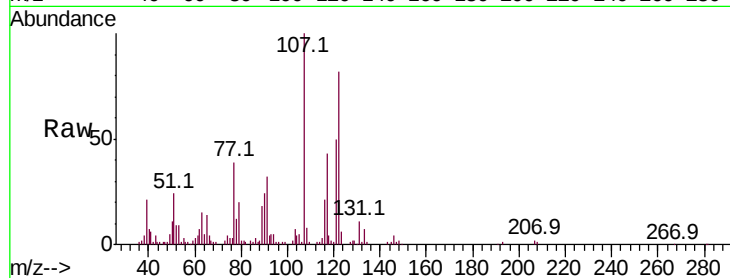
ClientSampled :

F9B24

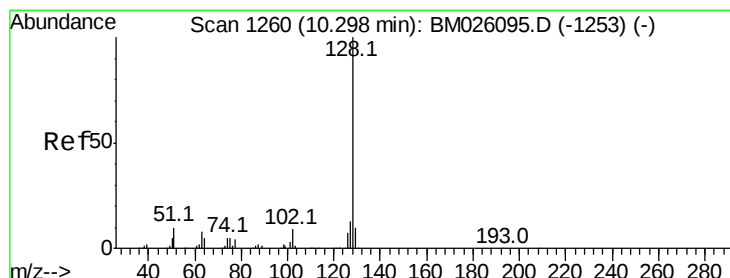
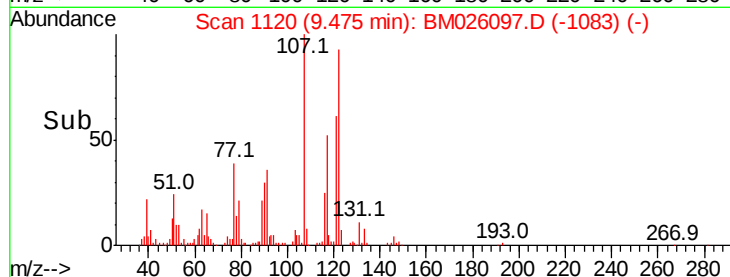
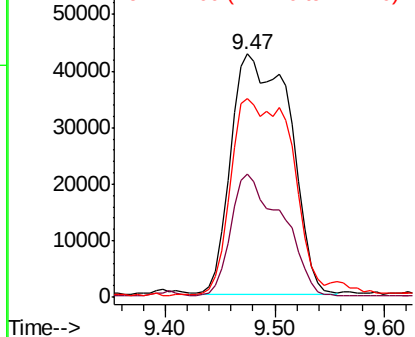
Tot Ion:	107	Resp:	159624
Ion Ratio	Lower	Upper	
107	100		
121	50.5	37.5	56.3
122	81.8	63.8	95.6

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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: 1490.436 ng/ul m

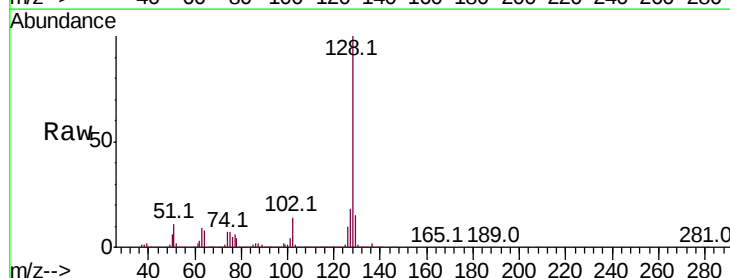
RT: 10.32 min Scan# 1263

Delta R.T. 0.01 min

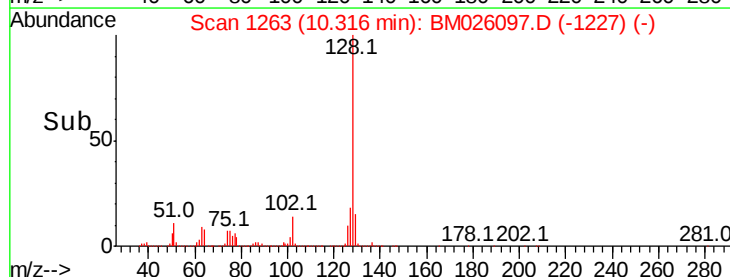
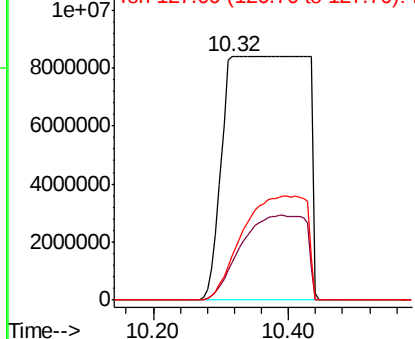
Lab File: BM026097.D

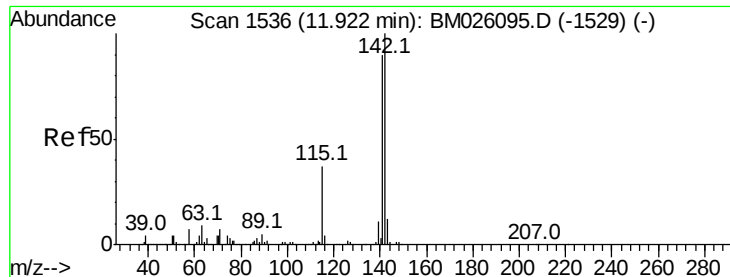
Acq: 23 May 2020 02:27

Tgt Ion:	128	Resp:	70117364
Ion Ratio	Lower	Upper	
128	100		
129	15.5	9.0	13.4#
127	17.8	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: 298.918 ng/ul

RT: 11.95 min Scan# 1540

Delta R.T. 0.02 min

Lab File: BM026097.D

Acq: 23 May 2020 02:27

Instrument :

BNA_M

ClientSampleId :

F9B24

Tot Ion:142 Resp: 9458556

Ion Ratio Lower Upper

142 100

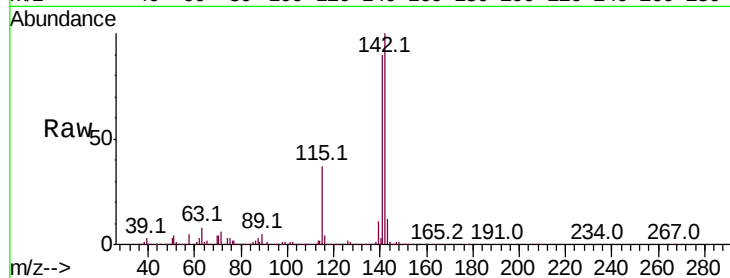
141 89.9 71.8 107.6

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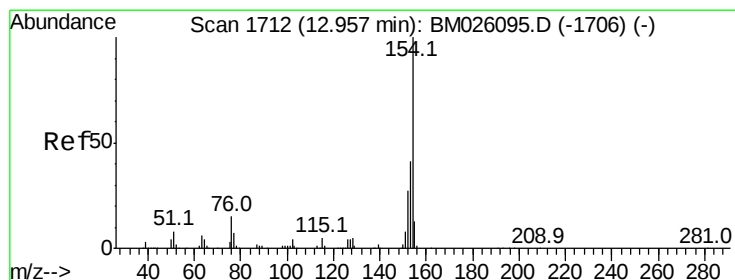
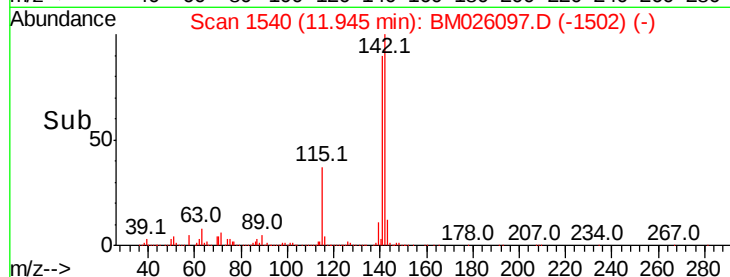
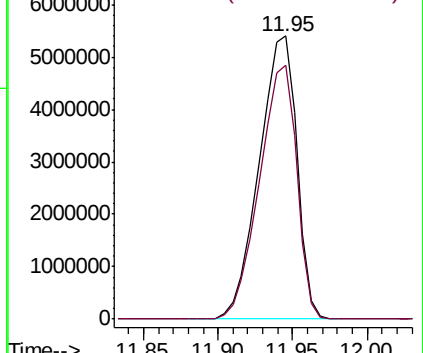
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#41

1,1'-Biphenyl

Concen: 50.329 ng/ul

RT: 12.96 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BM026097.D

Acq: 23 May 2020 02:27

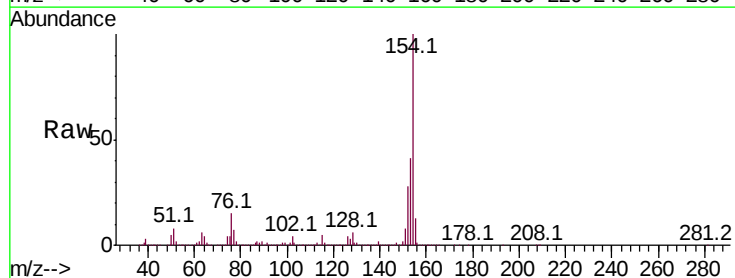
Tgt Ion:154 Resp: 2291357

Ion Ratio Lower Upper

154 100

153 40.8 32.3 48.5

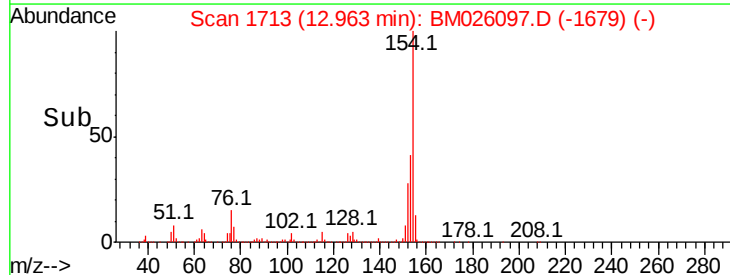
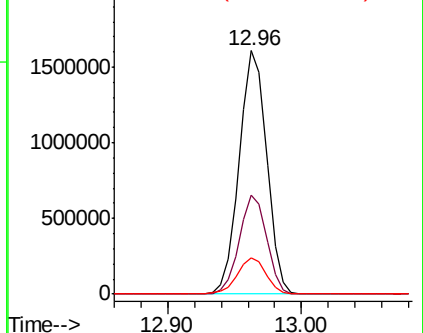
76 15.1 13.0 19.6

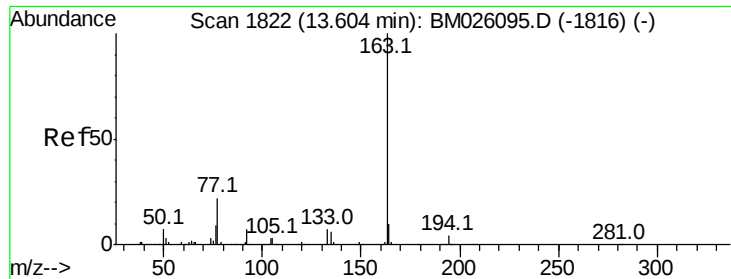


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





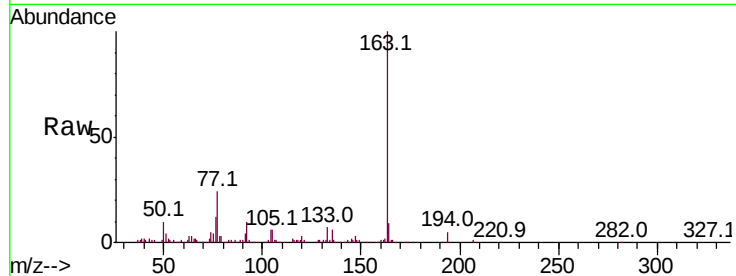
#45
Dimethylphthalate
Concen: 2.897 ng/ul
RT: 13.61 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BM026097.D
Acq: 23 May 2020 02:27

Instrument :
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ClientSampleId :
F9B24

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.5	3.2	4.8
164	9.2	8.0	12.0

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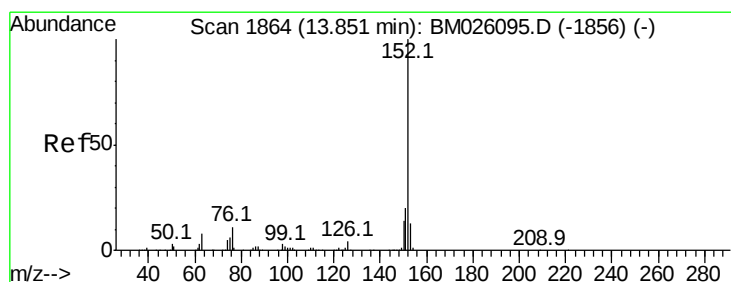
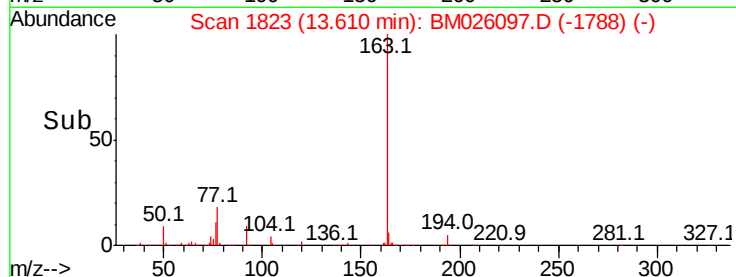
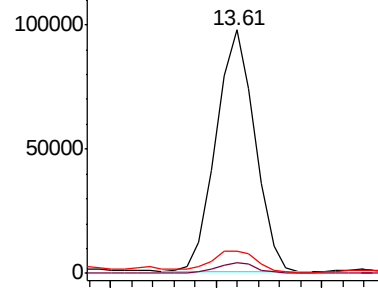


Abundance

Ion 163.00 (162.70 to 163.70): E

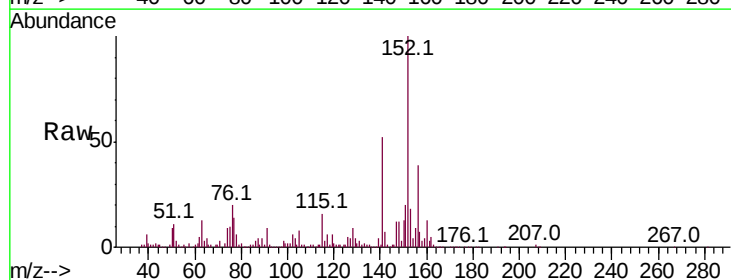
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 4.240 ng/ul
RT: 13.85 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM026097.D
Acq: 23 May 2020 02:27

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	20.5	15.7	23.5
153	18.1	10.2	15.2#

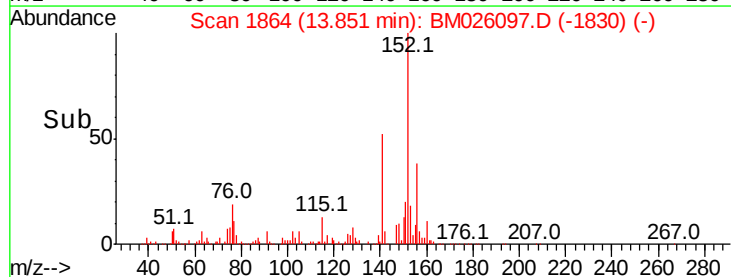
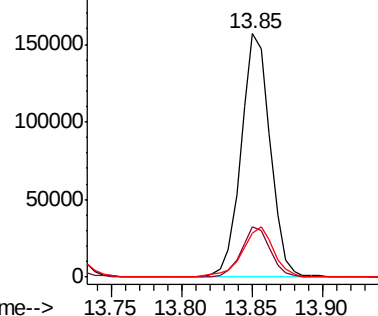


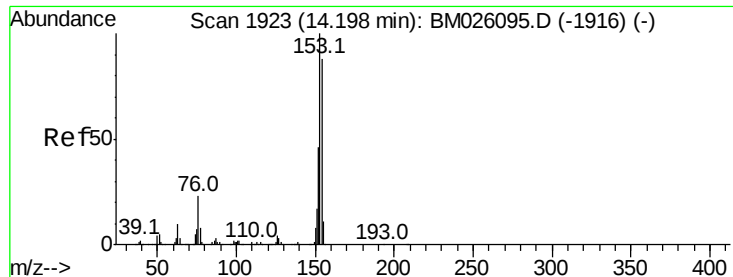
Abundance

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: 210.627 ng/ul

RT: 14.22 min Scan# 1926

Delta R.T. 0.02 min

Lab File: BM026097.D

Acq: 23 May 2020 02:27

Instrument :

BNA_M

ClientSampleId :

F9B24

Tot Ion:153 Resp: 7949514

Ion Ratio Lower Upper

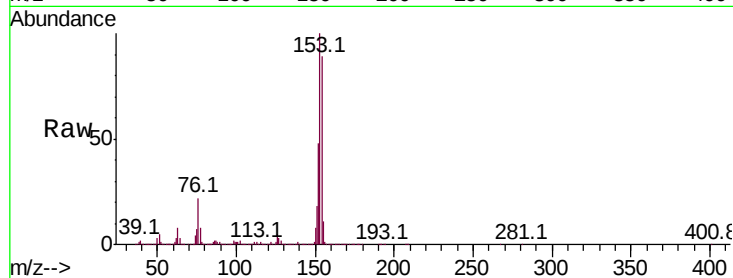
153 100

152 47.5 37.2 55.8

154 89.3 69.8 104.8

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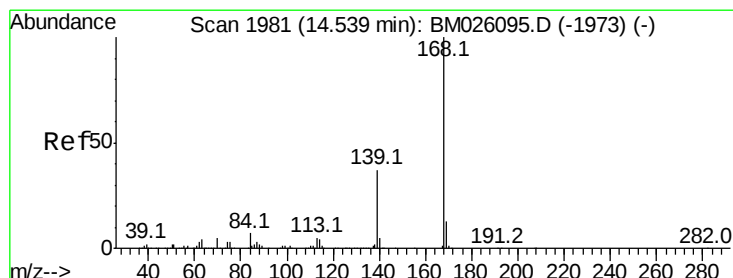
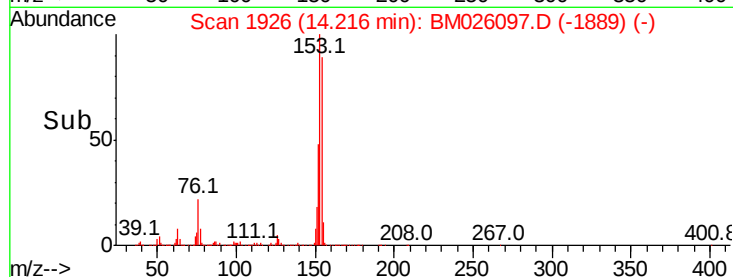
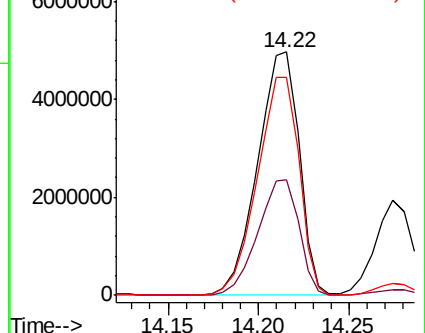
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 103.625 ng/ul

RT: 14.54 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BM026097.D

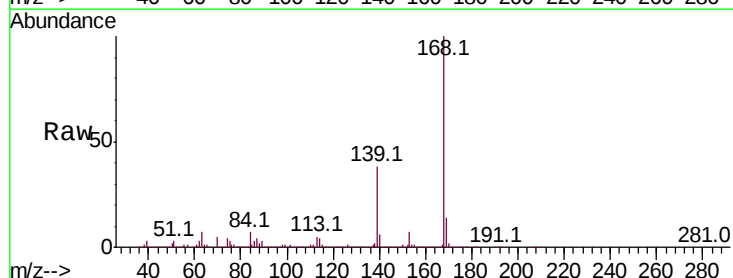
Acq: 23 May 2020 02:27

Tgt Ion:168 Resp: 5496338

Ion Ratio Lower Upper

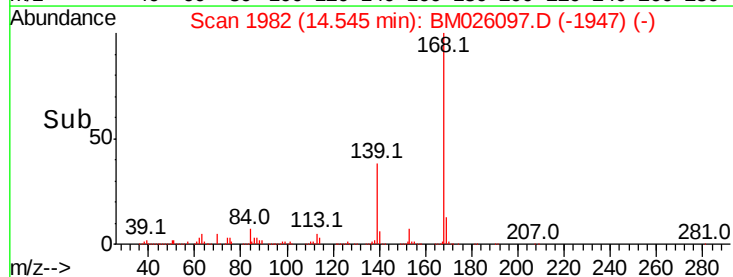
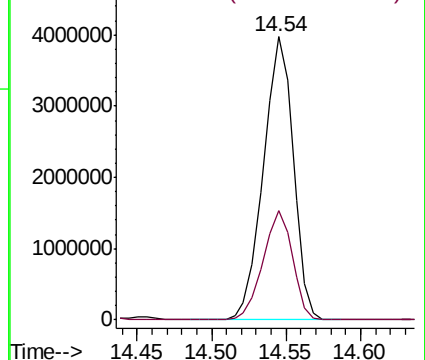
168 100

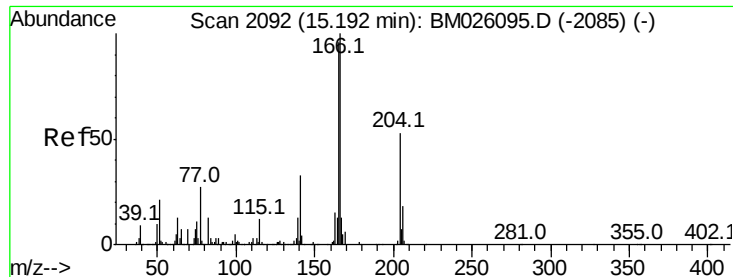
139 38.4 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





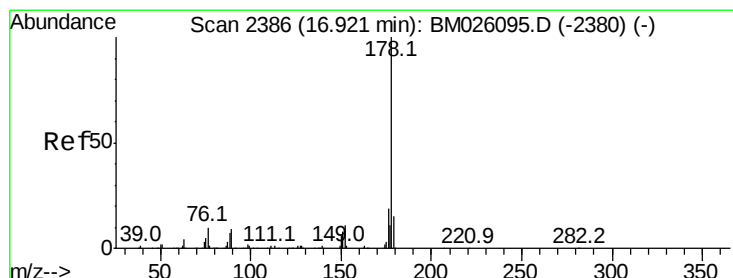
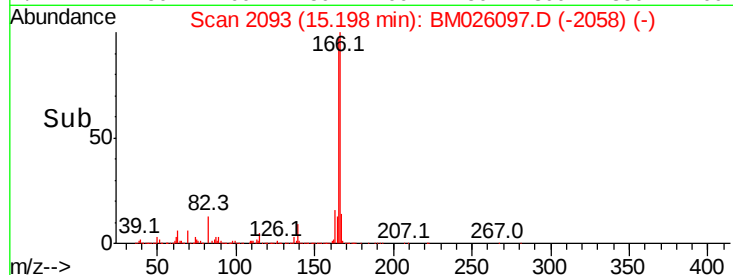
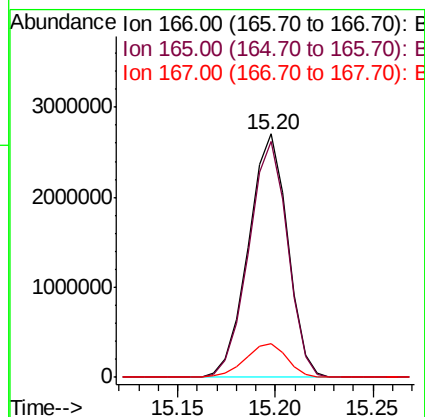
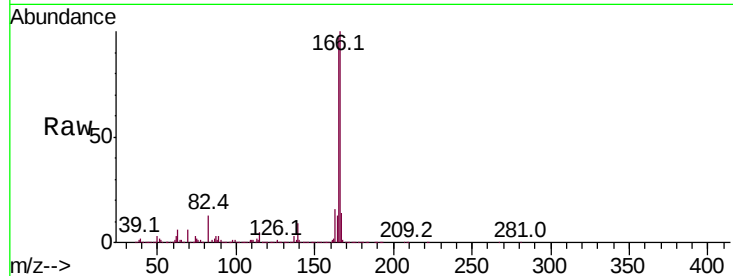
#59
Fluorene
 Concen: 87.560 ng/ul
 RT: 15.20 min Scan# 2093
 Delta R.T. 0.01 min
 Lab File: BM026097.D
 Acq: 23 May 2020 02:27

Instrument :
 BNA_M
 ClientSampleId :
 F9B24

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.3	115.9
167	13.7	10.6	16.0

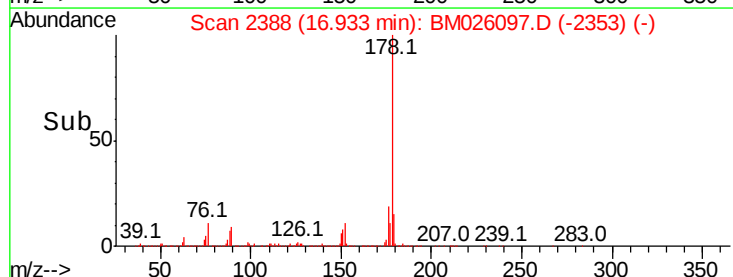
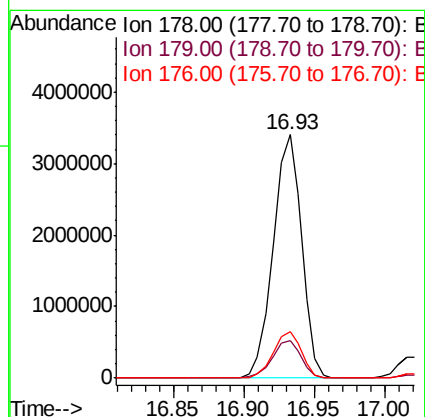
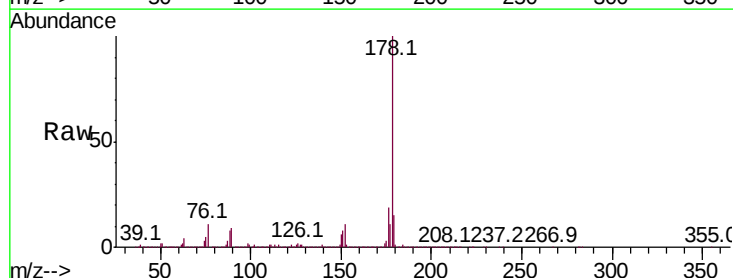
Manual Integrations
 APPROVED

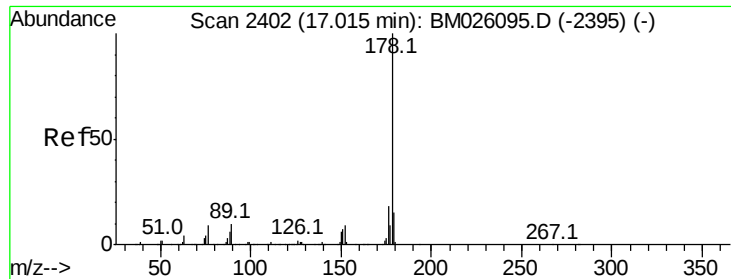
mohammad
 5/26/2020 10:11:25 AM



#70
Phenanthrene
 Concen: 72.470 ng/ul
 RT: 16.93 min Scan# 2388
 Delta R.T. 0.01 min
 Lab File: BM026097.D
 Acq: 23 May 2020 02:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	19.2	14.9	22.3





#72

Anthracene

Concen: 5.955 ng/ul

RT: 17.02 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BM026097.D

Acq: 23 May 2020 02:27

Instrument :

BNA_M

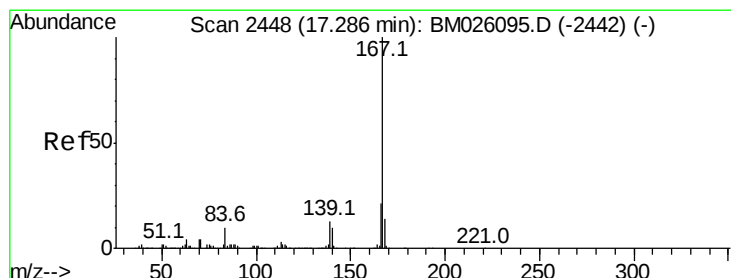
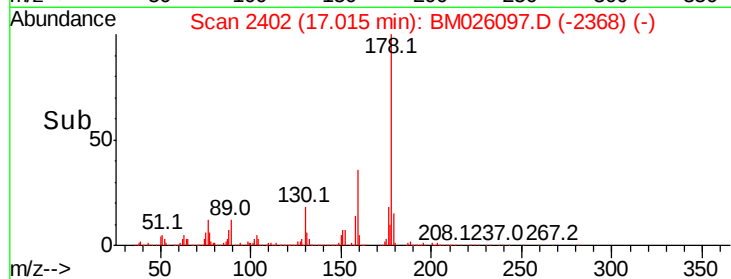
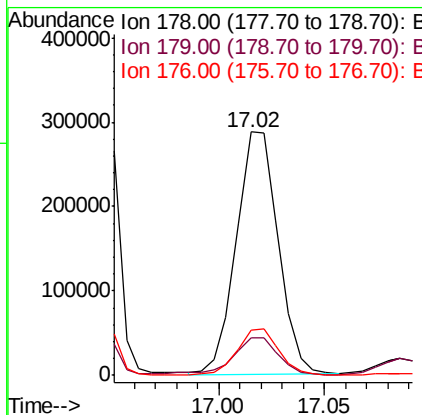
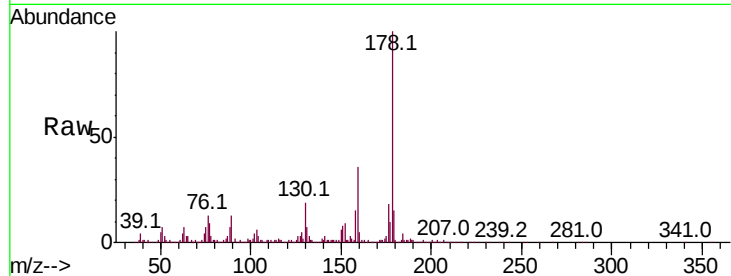
ClientSampleId :

F9B24

Tot Ion:	178	Resp:	395447
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.4
176	18.4	14.9	22.3

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#75

Carbazole

Concen: 219.501 ng/ul

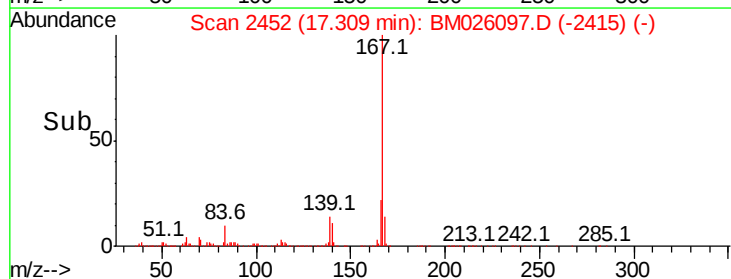
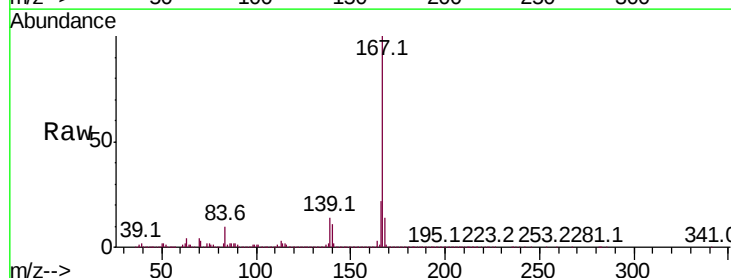
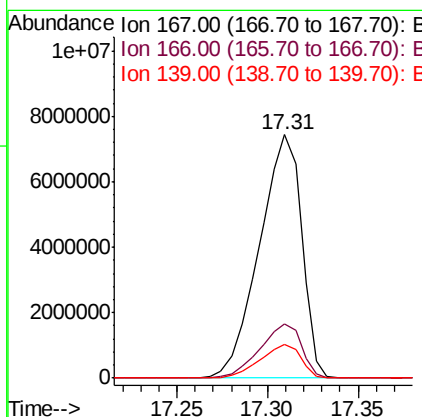
RT: 17.31 min Scan# 2452

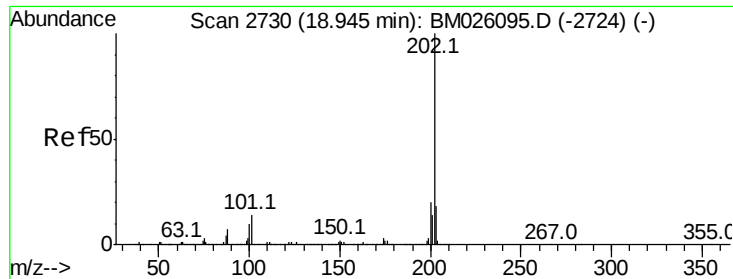
Delta R.T. 0.02 min

Lab File: BM026097.D

Acq: 23 May 2020 02:27

Tgt Ion:	167	Resp:	12057914
Ion Ratio	Lower	Upper	
167	100		
166	22.2	16.6	25.0
139	13.9	10.8	16.2





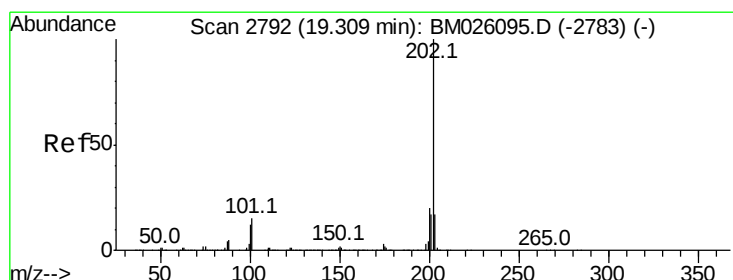
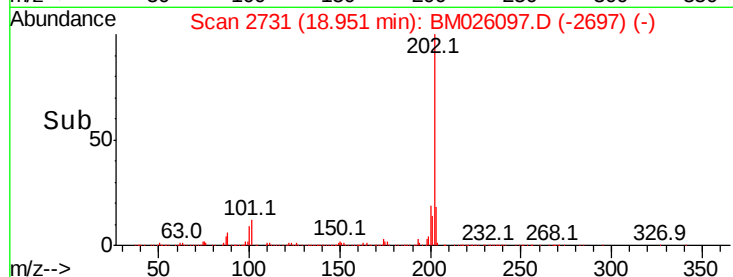
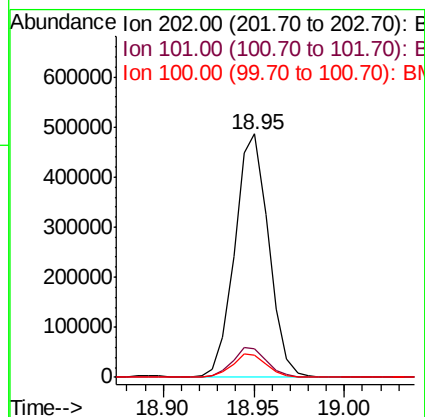
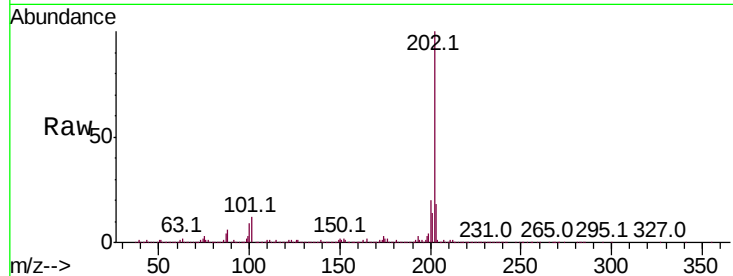
#77
 Fluoranthene
 Concen: 9.033 ng/ul
 RT: 18.95 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: BM026097.D
 Acq: 23 May 2020 02:27

Instrument :
 BNA_M
 ClientSampleId :
 F9B24

Tot Ion:	202	Resp:	627101
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.5	14.3
100	9.1	7.6	11.4

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mohammad
 5/26/2020 10:11:25 AM



#80
 Pyrene
 Concen: 8.455 ng/ul
 RT: 19.32 min Scan# 2793
 Delta R.T. 0.01 min
 Lab File: BM026097.D
 Acq: 23 May 2020 02:27

Tgt Ion:	202	Resp:	624498
Ion Ratio	Lower	Upper	
202	100		
101	13.7	12.2	18.4
100	10.7	10.2	15.4

