

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
 Data File : BM026100.D
 Acq On : 23 May 2020 04:17
 Operator : MA/SJ
 Sample : L2737-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B26

Manual Integrations
 APPROVED

mohammad
 5/26/2020 10:11:56 AM

Quant Time: May 25 01:56:22 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	216271	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	791956	20.00	ng/ul	0.06
36) Acenaphthene-d10	14.14	164	515385	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1039649	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1026671	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1070323	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	56093	7.82	ng/uL	0.00
5) Phenol-d5	6.69	99	135071	6.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	391930	28.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	371173	24.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	249431	16.87	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	241610	37.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	257214	40.27	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.93	165	420762	32.81	ng/ul	0.04
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.57	166	1371984	33.20	ng/ul	0.01
47) Acenaphthylene-d8	13.83	160	1631072	33.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	56212	7.68	ng/ul	0.02
58) Fluorene-d10	15.14	176	1200372	33.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	200127	33.01	ng/ul	0.01
71) Anthracene-d10	16.99	188	1806878	35.27	ng/ul	0.01
79) Pyrene-d10	19.29	212	1978560	37.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1911321	33.55	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.72	94	388030	17.643	ng/ul	99
11) 2-Methylphenol	7.95	108	681043	44.944	ng/ul	99
14) Acetophenone	8.32	105	73763	2.974	ng/ul#	82
16) 4-Methylphenol	8.27	108	956445	58.038	ng/ul	90
24) 2,4-Dimethylphenol	9.49	107	2401021	135.382	ng/ul	98
28) Naphthalene	10.32	128	68721764m	1419.234	ng/ul	
34) 2-Methylnaphthalene	11.95	142	13681273	420.074	ng/ul	99
41) 1,1'-Biophenyl	12.96	154	3107648	67.954	ng/ul	99
45) Dimethylphthalate	13.62	163	110867	2.555	ng/ul	100
48) Acenaphthylene	13.86	152	187961	3.496	ng/ul#	74
50) Acenaphthene	14.22	153	13118165	346.020	ng/ul	96
54) Dibenzofuran	14.55	168	10738242	201.548	ng/ul	98
59) Fluorene	15.20	166	7586599	176.028	ng/ul	100
70) Phenanthrene	16.94	178	11847560	180.911	ng/ul	97
72) Anthracene	17.02	178	868599	13.220	ng/ul	98
75) Carbazole	17.32	167	13649821	251.122	ng/ul	97
77) Fluoranthene	18.96	202	2024041	29.464	ng/ul	99
80) Pyrene	19.32	202	1216926	16.884	ng/ul	98
83) Benzo(a)anthracene	21.07	228	90933	1.285	ng/ul	95

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

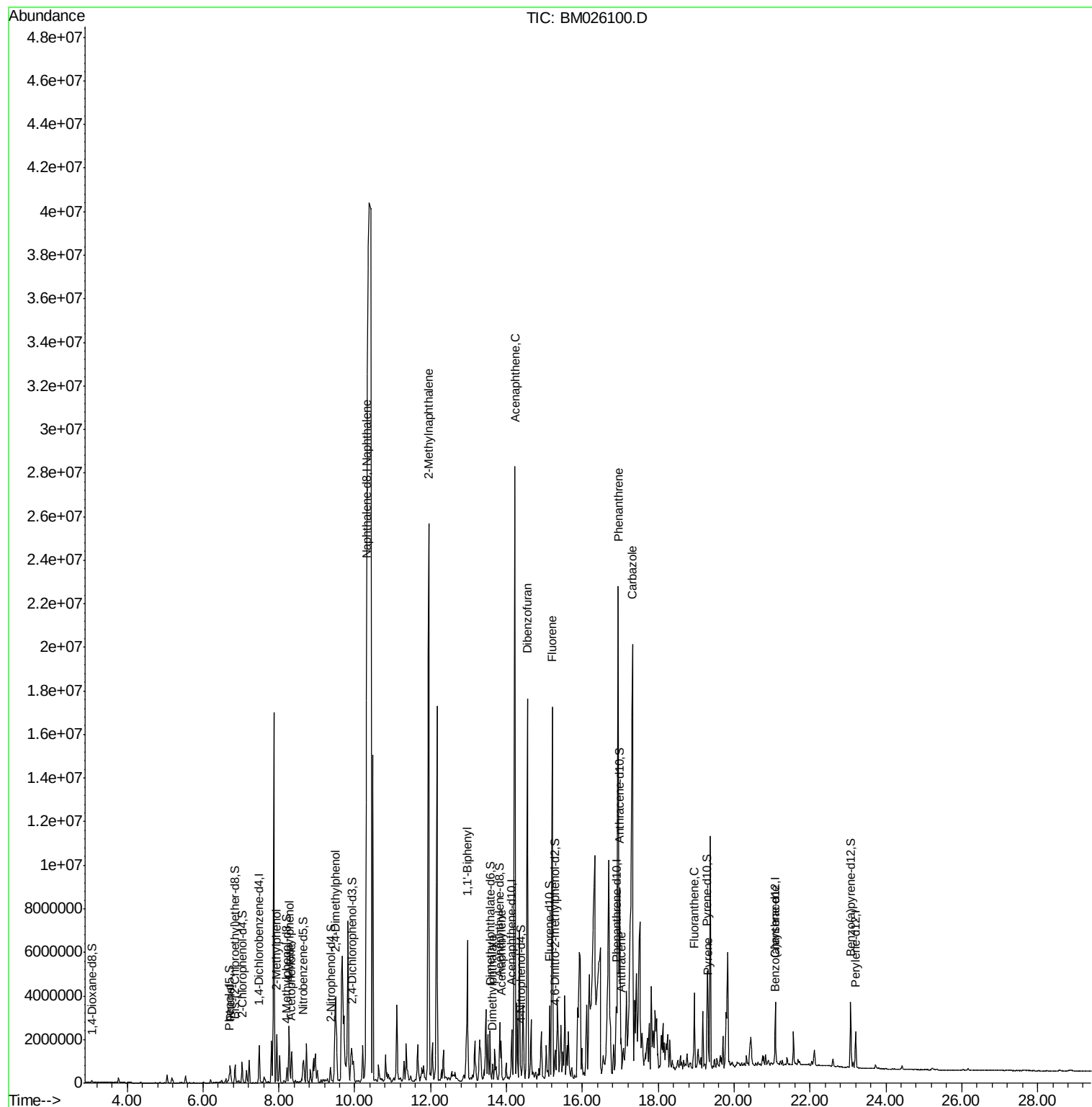
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026100.D
Acq On : 23 May 2020 04:17
Operator : MA/SJ
Sample : L2737-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

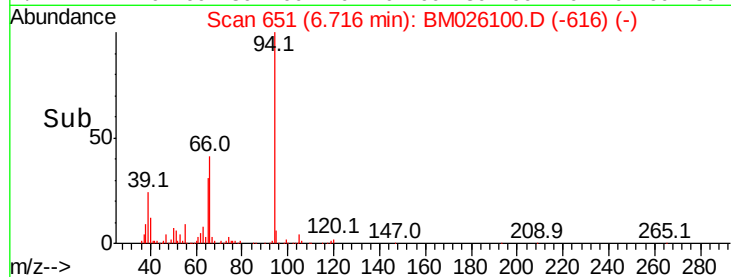
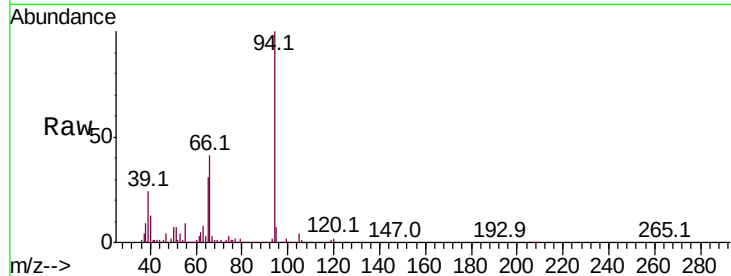
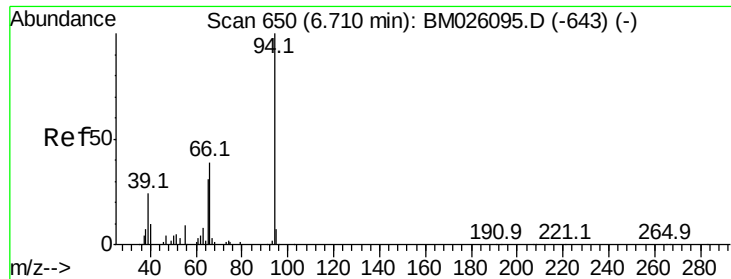
Instrument :
BNA_M
ClientSampleId :
F9B26

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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

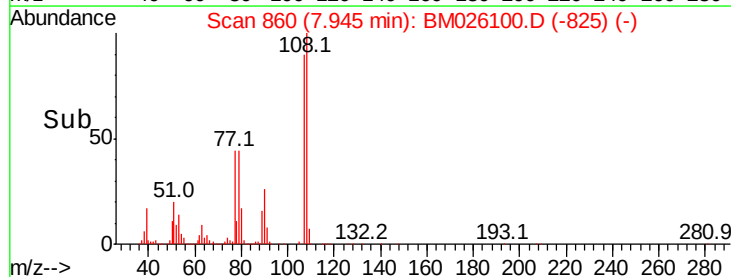
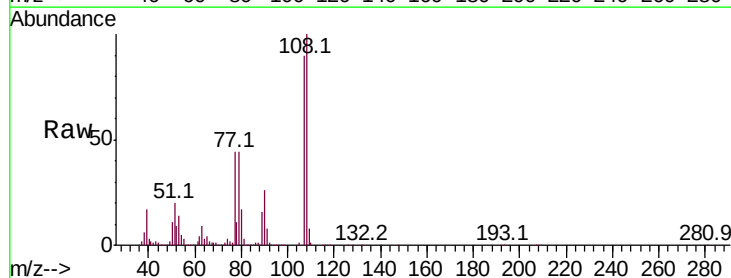
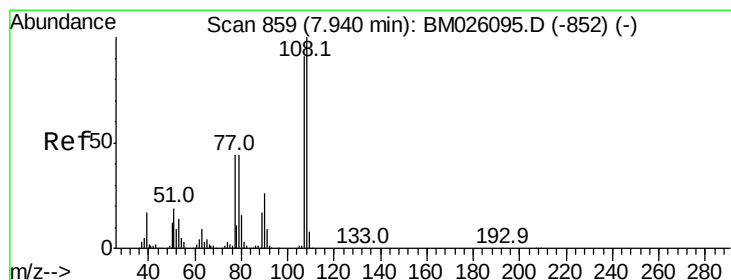
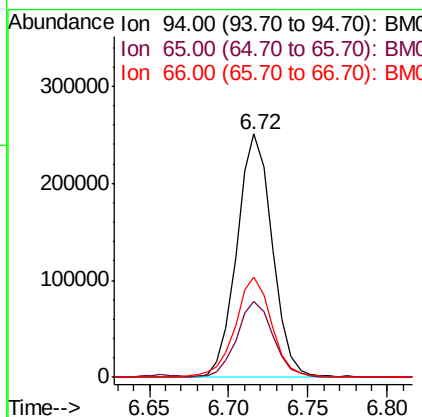
Concen: 17.643 ng/ul
RT: 6.72 min Scan# 651
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :
F9B26

Tot Ion	Ratio	Resp	Lower	Upper
94	100			
65	31.0	25.8	38.8	
66	41.2	33.3	49.9	

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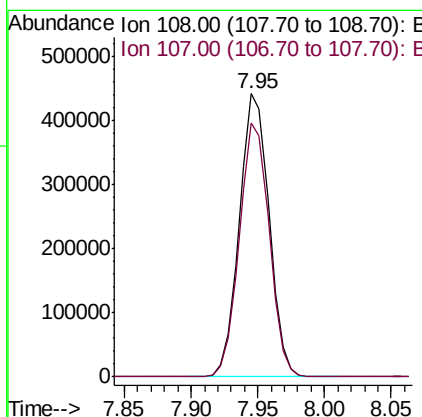


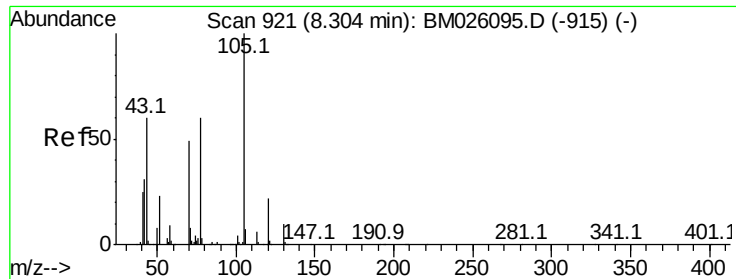
#11

2-Methylphenol

Concen: 44.944 ng/ul
RT: 7.95 min Scan# 860
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

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





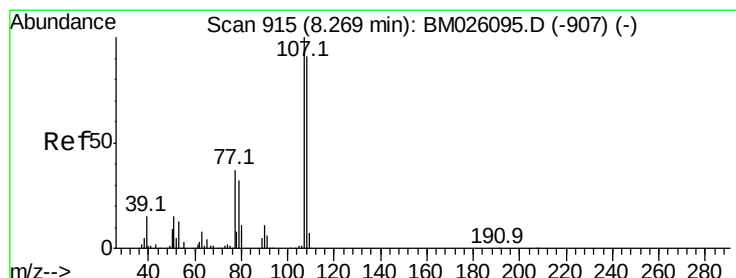
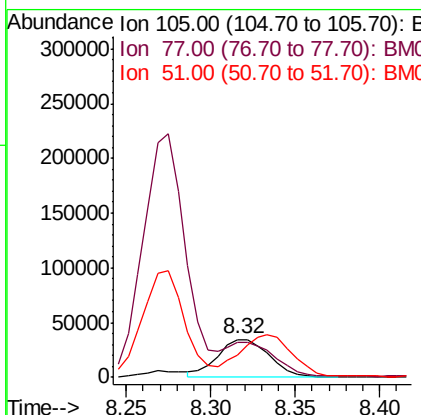
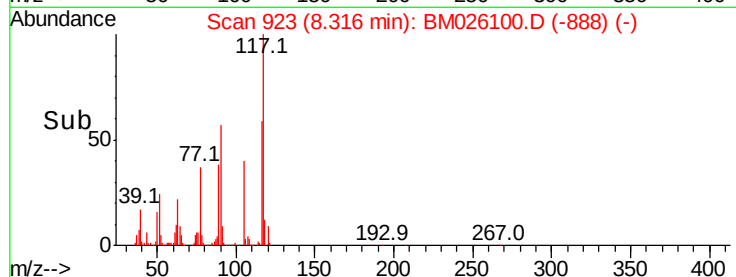
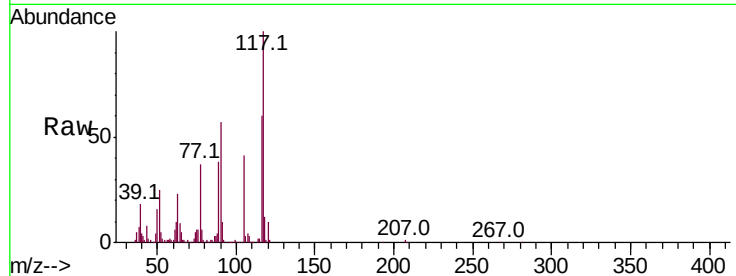
#14
Acetophenone
Concen: 2.974 ng/ul
RT: 8.32 min Scan# 923
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampled :
F9B26

Tot Ion	Ratio	Lower	Upper
105	100		
77	90.8	67.2	100.8
51	59.9	27.4	41.0

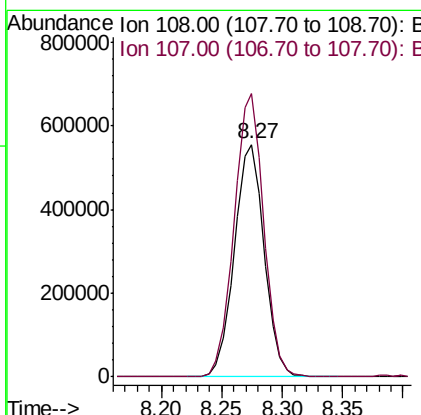
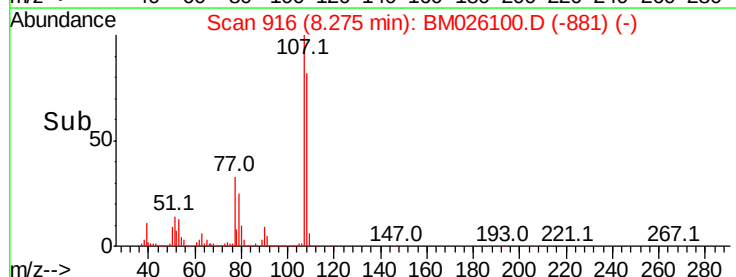
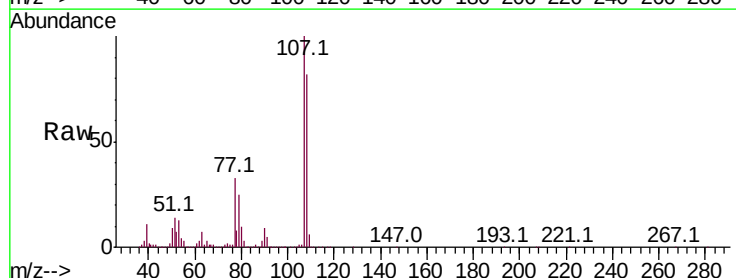
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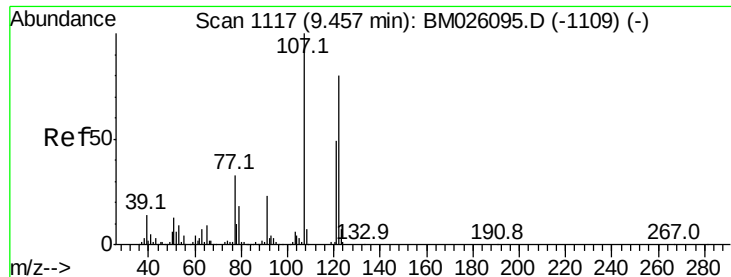
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#16
4-Methylphenol
Concen: 58.038 ng/ul
RT: 8.27 min Scan# 916
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion	Ratio	Lower	Upper
108	100		
107	121.7	88.6	132.8





#24

2,4-Dimethylphenol

Concen: 135.382 ng/ul

RT: 9.49 min Scan# 1123

Delta R.T. 0.04 min

Lab File: BM026100.D

Acq: 23 May 2020 04:17

Instrument :

BNA_M

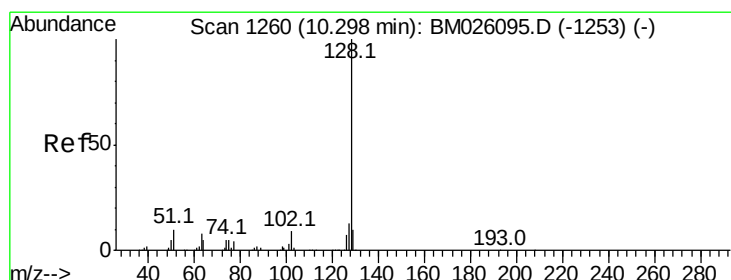
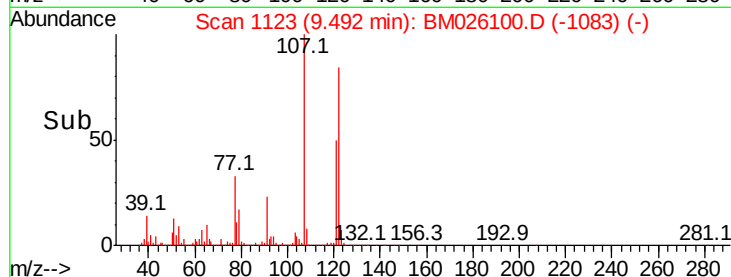
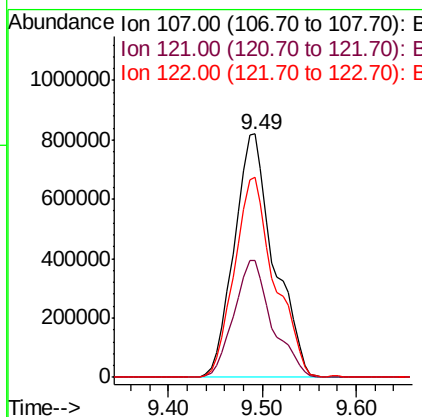
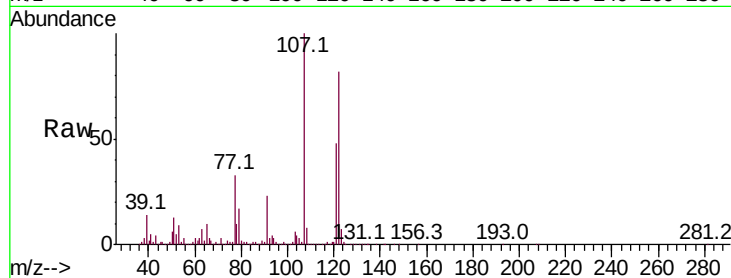
ClientSampled :

F9B26

Tot Ion:	107	Resp:	2401021
Ion	Ratio	Lower	Upper
107	100		
121	48.1	37.5	56.3
122	82.2	63.8	95.6

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#28

Naphthalene

Concen: 1419.234 ng/ul m

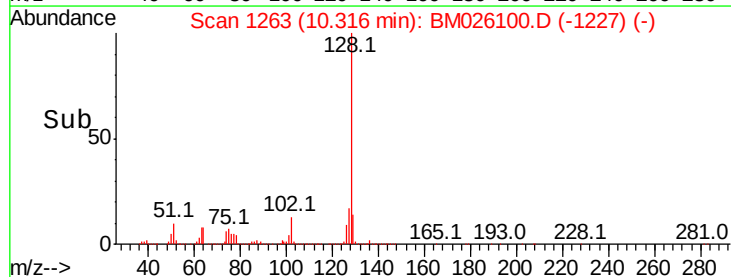
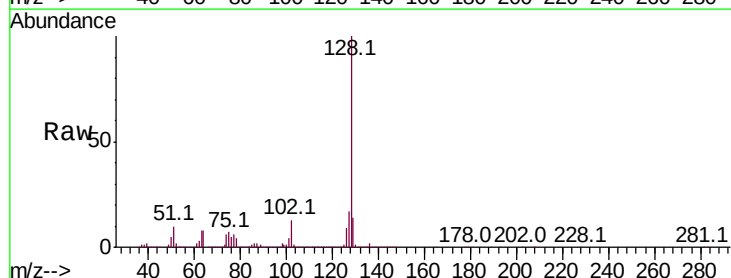
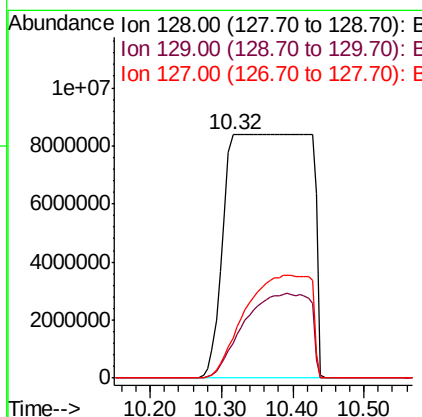
RT: 10.32 min Scan# 1263

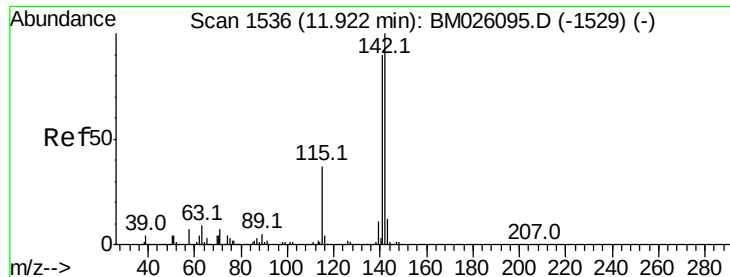
Delta R.T. 0.01 min

Lab File: BM026100.D

Acq: 23 May 2020 04:17

Tgt Ion:	128	Resp:	68721764
Ion	Ratio	Lower	Upper
128	100		
129	14.4	9.0	13.4#
127	16.7	10.6	15.8#





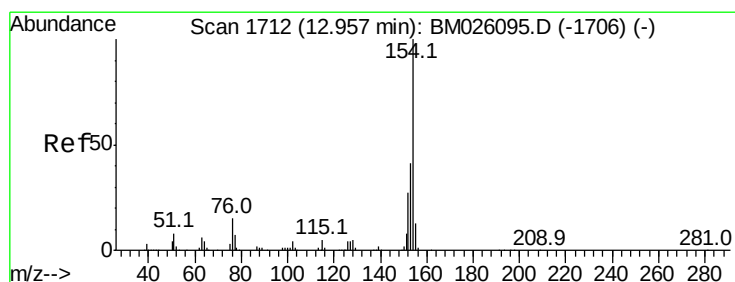
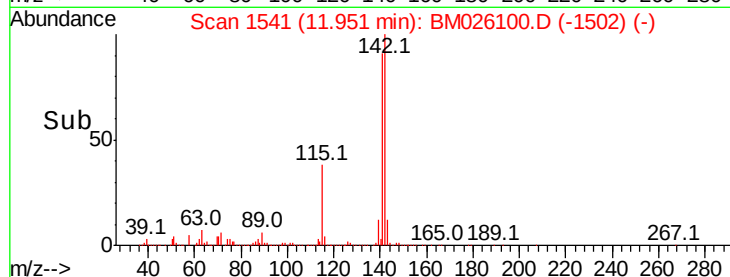
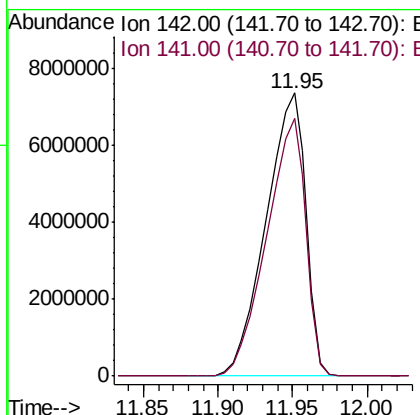
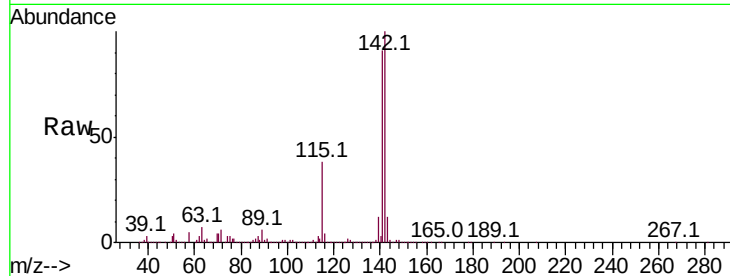
#34
 2-Methylnaphthalene
 Concen: 420.074 ng/ul
 RT: 11.95 min Scan# 1541
 Delta R.T. 0.03 min
 Lab File: BM026100.D
 Acq: 23 May 2020 04:17

Instrument :
 BNA_M
 ClientSampleId :
 F9B26

Tot Ion:142 Resp:13681273
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.8 107.6

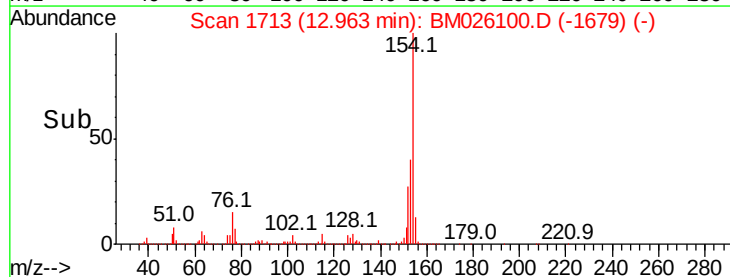
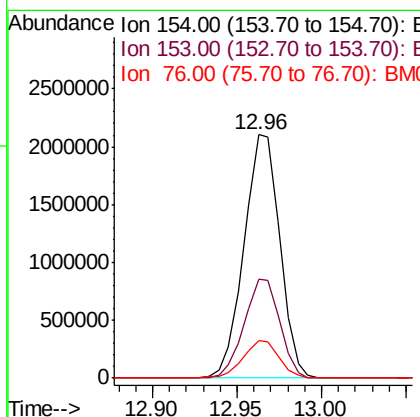
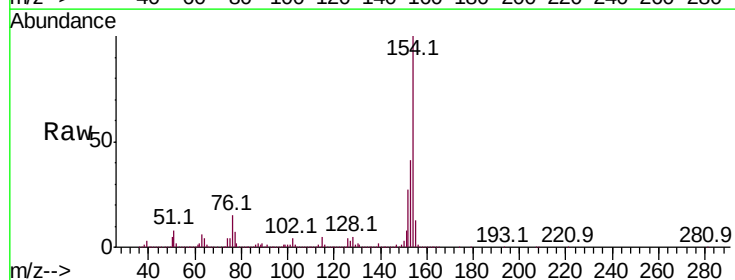
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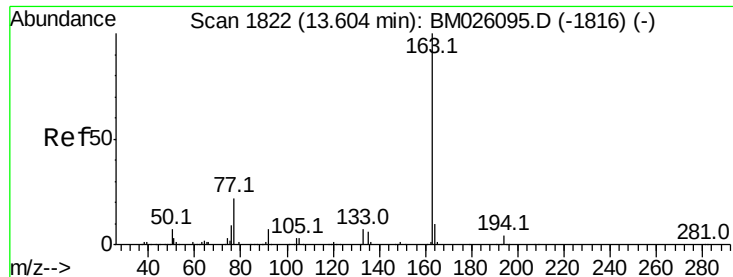
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#41
 1,1'-Biphenyl
 Concen: 67.954 ng/ul
 RT: 12.96 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BM026100.D
 Acq: 23 May 2020 04:17

Tgt Ion:154 Resp: 3107648
 Ion Ratio Lower Upper
 154 100
 153 40.5 32.3 48.5
 76 15.2 13.0 19.6





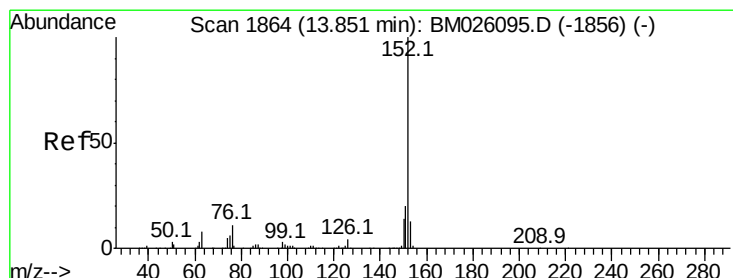
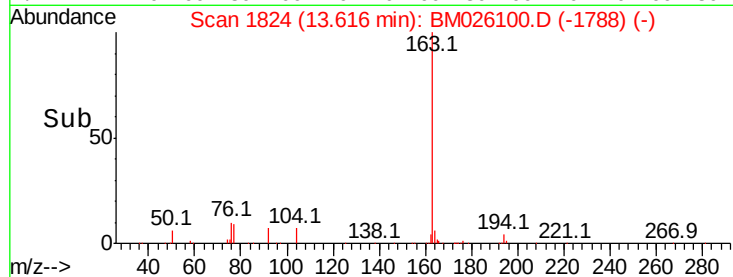
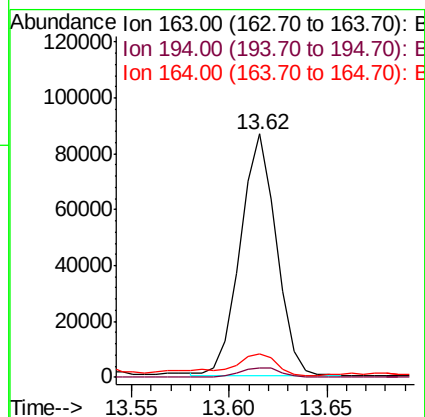
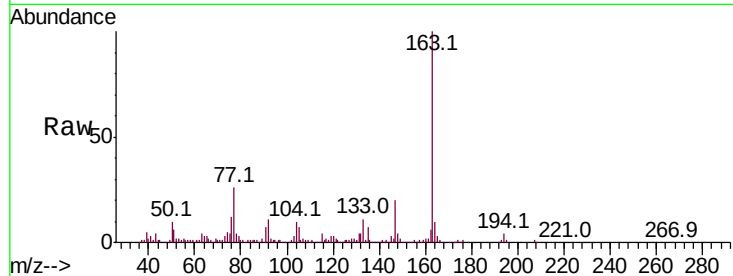
#45
Dimethylphthalate
Concen: 2.555 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :
F9B26

Tot Ion	Ratio	Resp	Lower	Upper
163	100	110867		
194	3.8		3.2	4.8
164	9.8		8.0	12.0

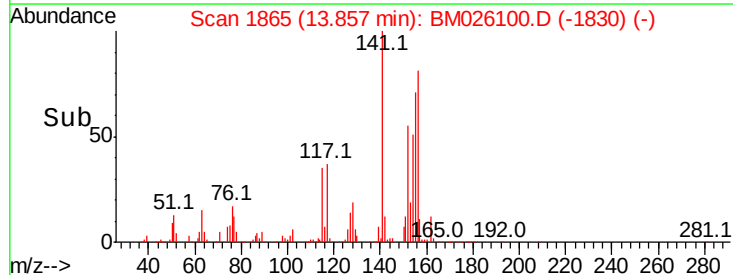
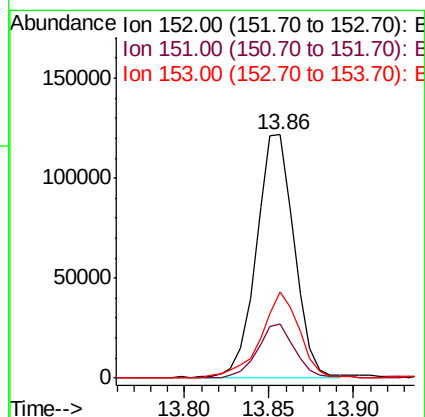
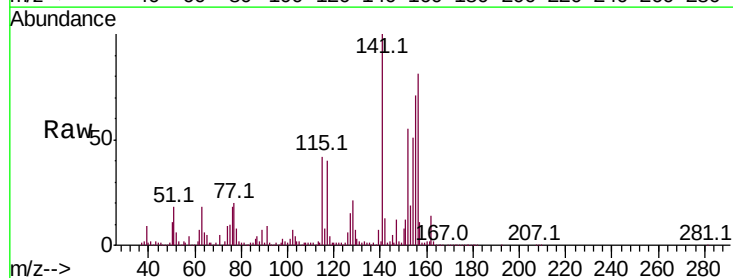
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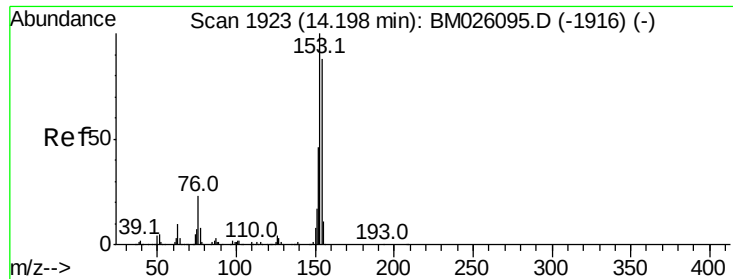
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#48
Acenaphthylene
Concen: 3.496 ng/ul
RT: 13.86 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	187961		
151	22.1		15.7	23.5
153	35.2		10.2	15.2#





#50

Acenaphthene

Concen: 346.020 ng/ul

RT: 14.22 min Scan# 1927

Delta R.T. 0.02 min

Lab File: BM026100.D

Acq: 23 May 2020 04:17

Instrument :

BNA_M

ClientSampled :

F9B26

Tot Ion:153 Resp:13118165

Ion Ratio Lower Upper

153 100

152 49.2 37.2 55.8

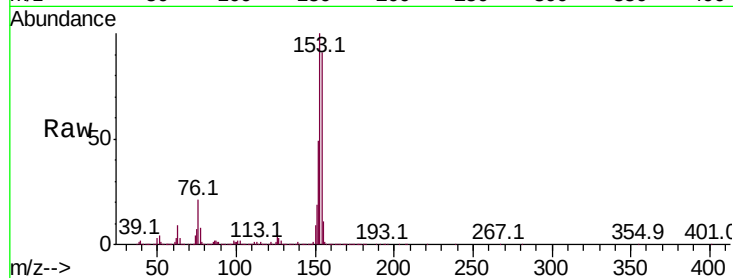
154 90.7 69.8 104.8

Manual Integrations

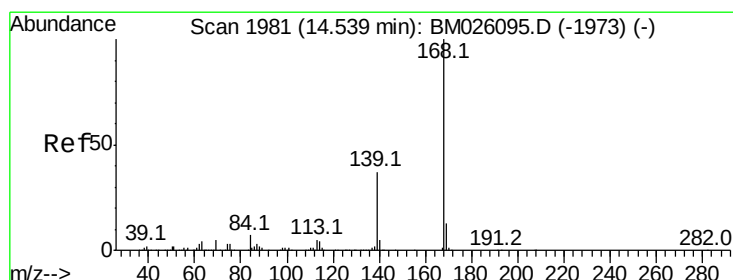
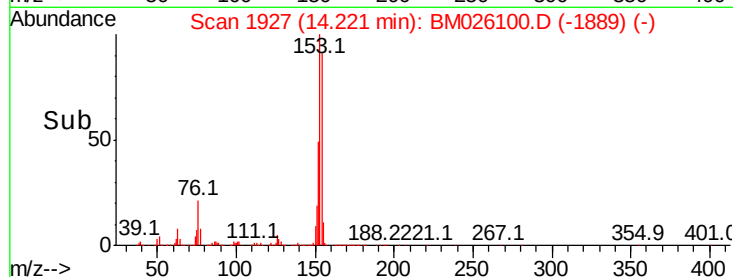
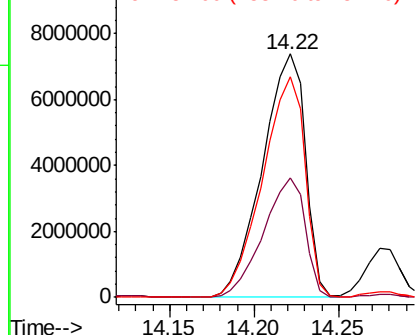
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Abundance Ion 153.00 (152.70 to 153.70): E
1e+07 Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 201.548 ng/ul

RT: 14.55 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BM026100.D

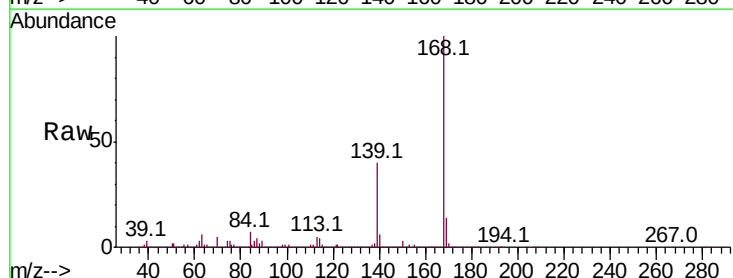
Acq: 23 May 2020 04:17

Tgt Ion:168 Resp:10738242

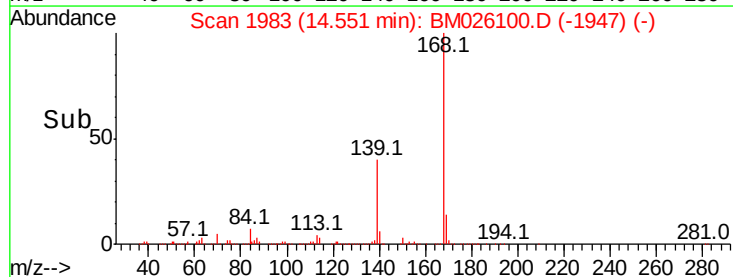
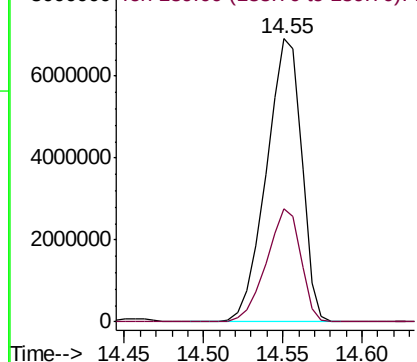
Ion Ratio Lower Upper

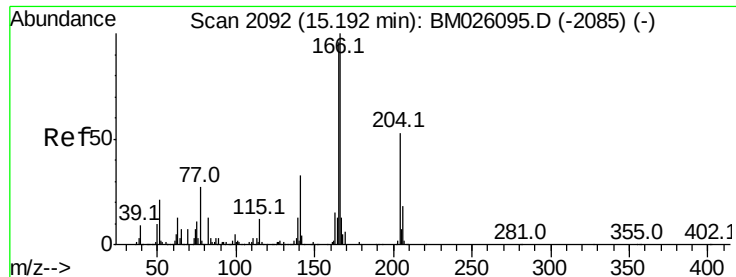
168 100

139 39.8 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E
8000000 Ion 139.00 (138.70 to 139.70): E





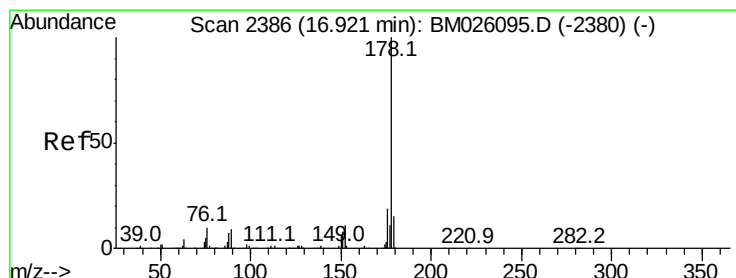
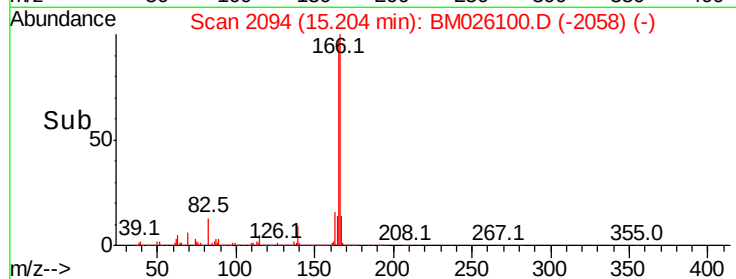
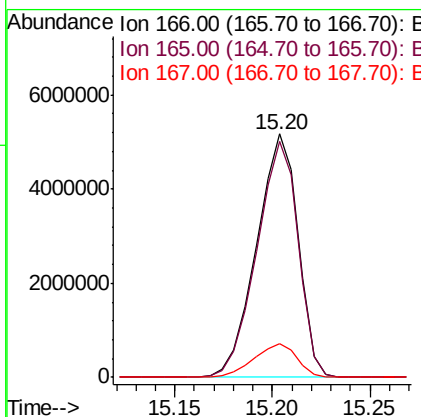
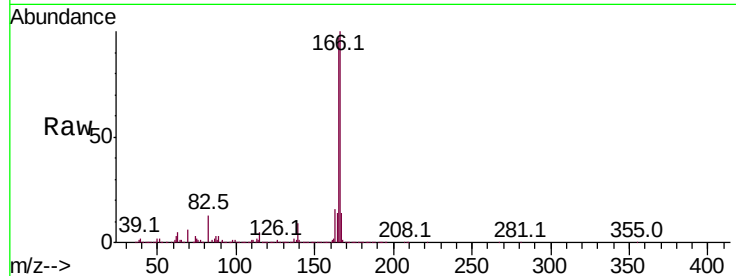
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 Fluorene
 Concen: 176.028 ng/ul
 RT: 15.20 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: BM026100.D
 Acq: 23 May 2020 04:17

Instrument :
 BNA_M
 ClientSampleId :
 F9B26

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.3	115.9
167	13.9	10.6	16.0

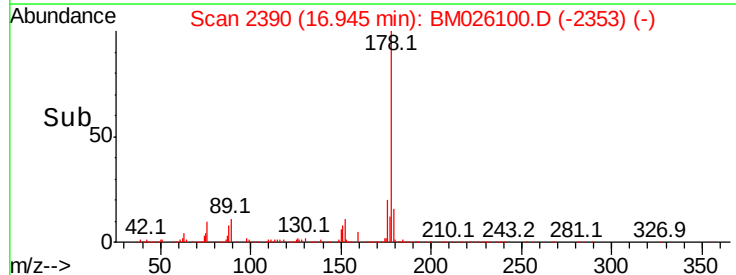
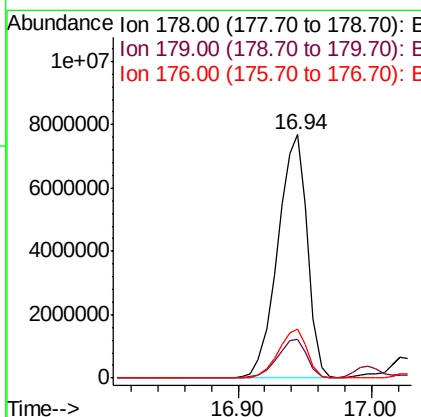
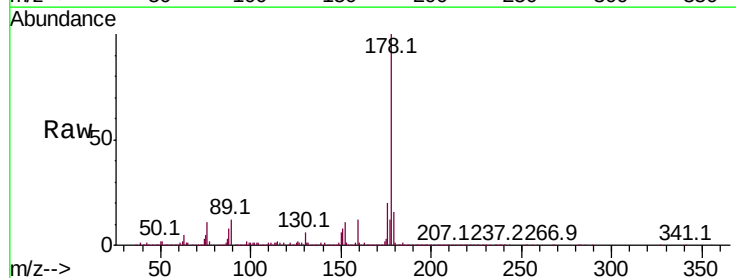
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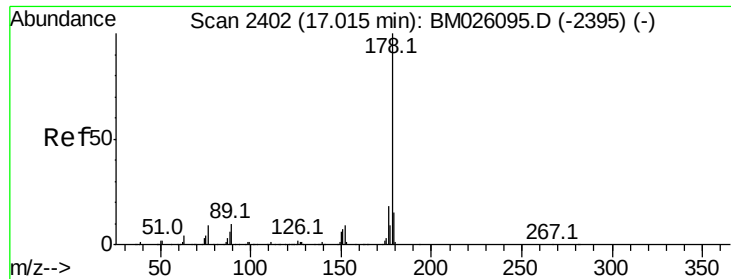
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#70
 Phenanthrene
 Concen: 180.911 ng/ul
 RT: 16.94 min Scan# 2390
 Delta R.T. 0.02 min
 Lab File: BM026100.D
 Acq: 23 May 2020 04:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.9	17.9
176	20.0	14.9	22.3





#72

Anthracene

Concen: 13.220 ng/ul

RT: 17.02 min Scan# 2403

Delta R.T. 0.01 min

Lab File: BM026100.D

Acq: 23 May 2020 04:17

Instrument :

BNA_M

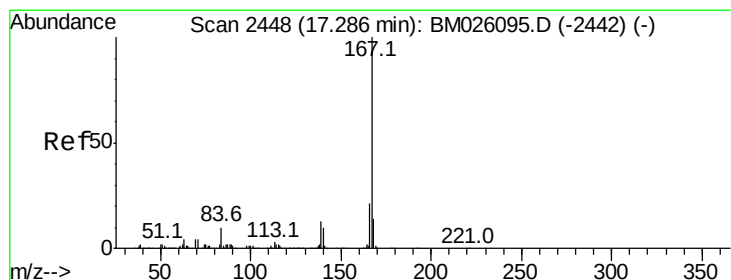
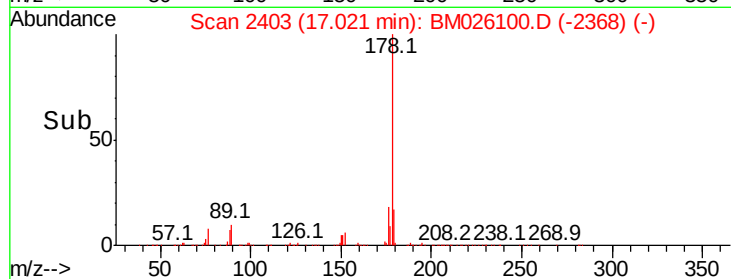
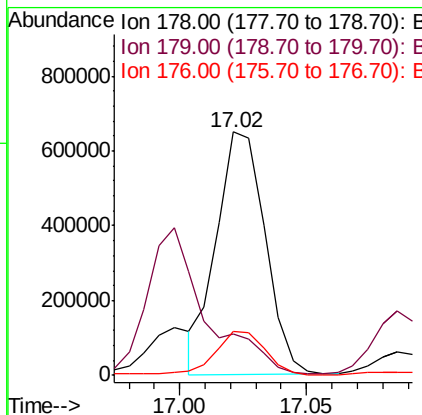
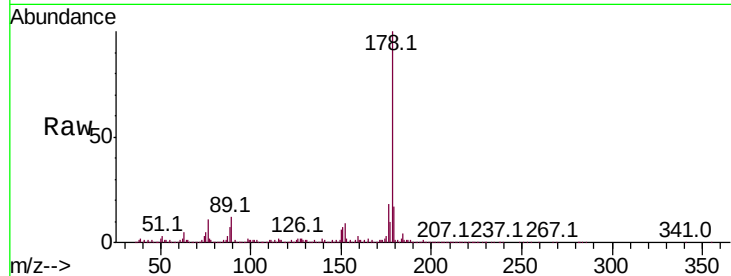
ClientSampled :

F9B26

Tot Ion:	178	Resp:	868599
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.2	18.4
176	18.0	14.9	22.3

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#75

Carbazole

Concen: 251.122 ng/ul

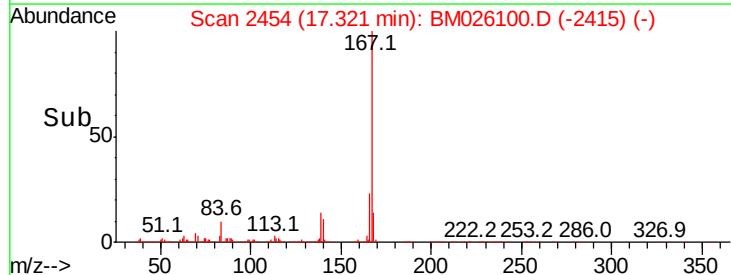
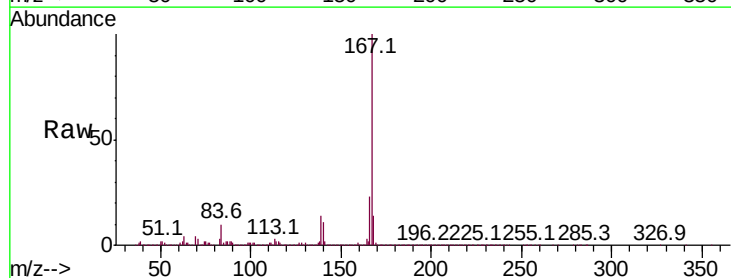
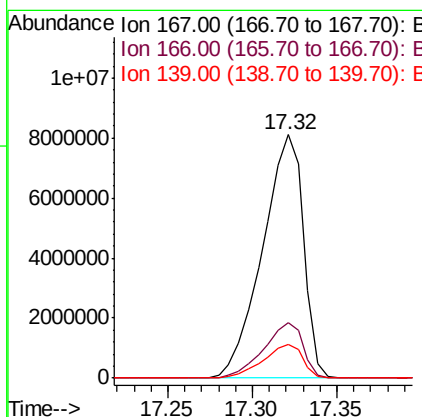
RT: 17.32 min Scan# 2454

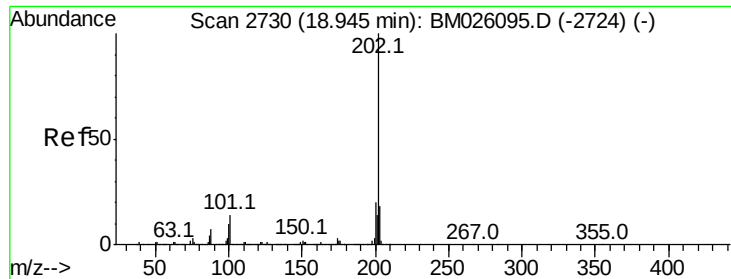
Delta R.T. 0.03 min

Lab File: BM026100.D

Acq: 23 May 2020 04:17

Tgt Ion:	167	Resp:	13649821
Ion Ratio	Lower	Upper	
167	100		
166	22.6	16.6	25.0
139	14.0	10.8	16.2





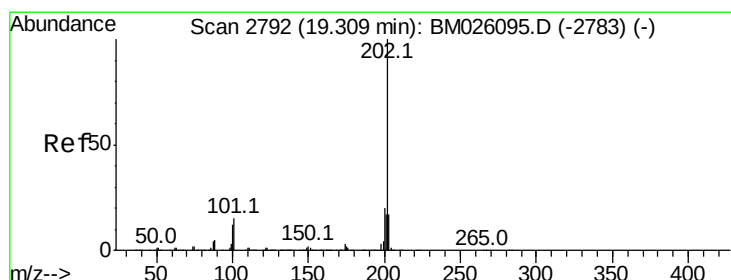
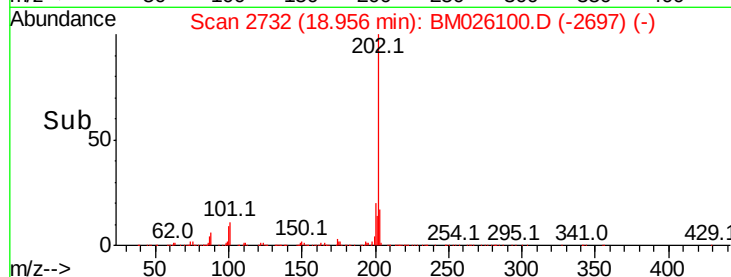
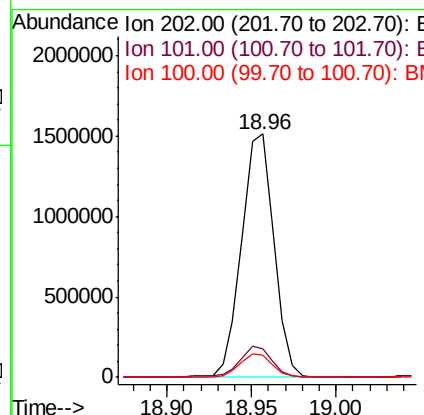
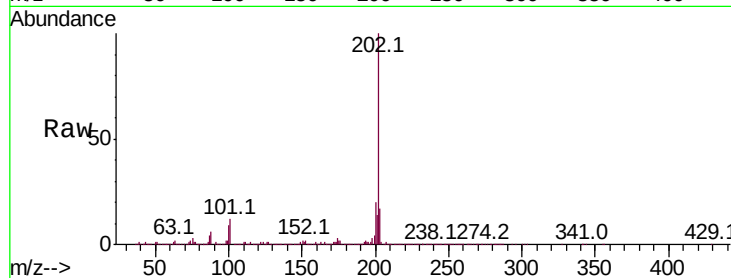
#77
Fluoranthene
 Concen: 29.464 ng/ul
 RT: 18.96 min Scan# 2732
 Delta R.T. 0.01 min
 Lab File: BM026100.D
 Acq: 23 May 2020 04:17

Instrument :
 BNA_M
 ClientSampleId :
 F9B26

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.5	14.3
100	9.0	7.6	11.4

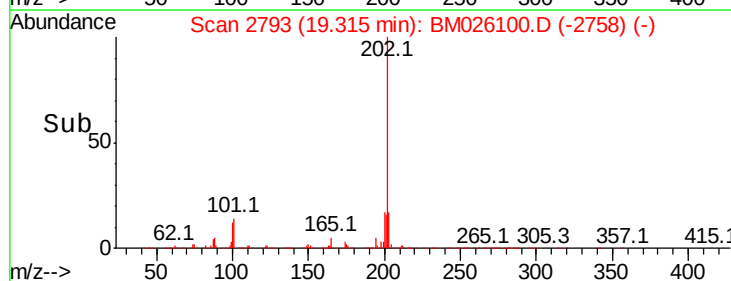
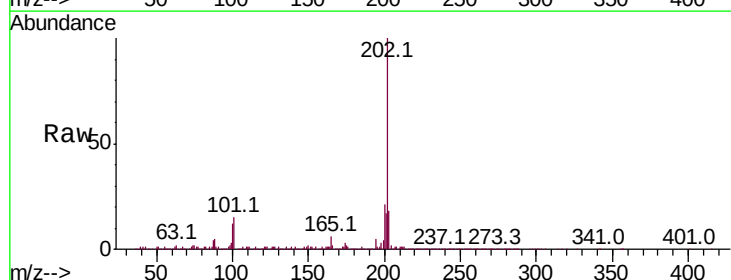
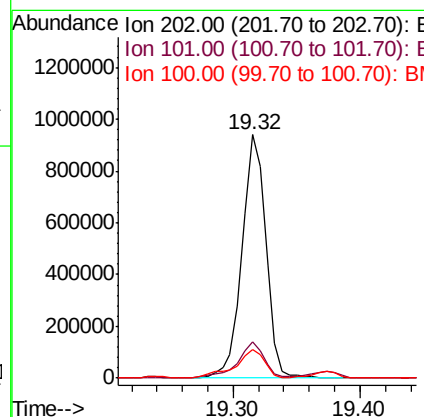
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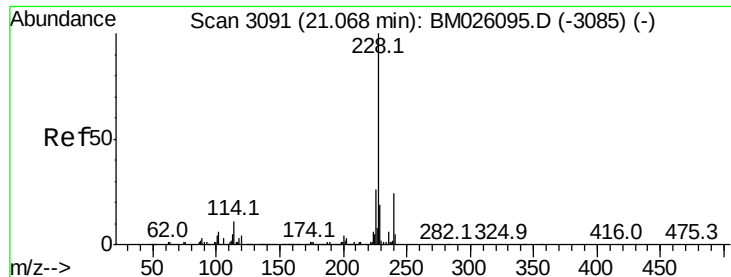
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#80
Pyrene
 Concen: 16.884 ng/ul
 RT: 19.32 min Scan# 2793
 Delta R.T. 0.01 min
 Lab File: BM026100.D
 Acq: 23 May 2020 04:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.2	18.4
100	11.9	10.2	15.4





#83
 Benzo(a)anthracene
 Concen: 1.285 ng/ul
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.00 min
 Lab File: BM026100.D
 Acq: 23 May 2020 04:17

Instrument :
 BNA_M
 ClientSampleId :
 F9B26

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.5	23.3
226	28.7	21.2	31.8

Manual Integrations
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