

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
 Data File : BM026065.D
 Acq On : 21 May 2020 20:05
 Operator : MA/SJ
 Sample : L2725-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B22

Manual Integrations
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Quant Time: May 22 04:29:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 21 10:18:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	193670	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	717569m	20.00	ng/ul	0.06
36) Acenaphthene-d10	14.15	164	486668	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	981561	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	976646	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1010248	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	27746	4.32	ng/uL	0.01
5) Phenol-d5	6.69	99	147914	8.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	407290	33.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	371848	27.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	253977	19.18	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	236917	40.50	ng/ul	0.01
22) 2-Nitrophenol-d4	9.37	143	243409	42.06	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.92	165	399159	34.36	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	24596m	2.09	ng/ul	0.02
44) Dimethylphthalate-d6	13.57	166	1281243	32.83	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1552698	33.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	76536	11.07	ng/ul	0.01
58) Fluorene-d10	15.15	176	1115723	32.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	193998	33.90	ng/ul	0.01
71) Anthracene-d10	16.99	188	1670178	34.53	ng/ul	0.00
79) Pyrene-d10	19.29	212	1798750	35.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	1588927	29.55	ng/ul	0.00

Target Compounds

						Qvalue
11) 2-Methylphenol	7.95	108	84597	6.23	ng/ul	100
24) 2,4-Dimethylphenol	9.48	107	307214	19.12	ng/ul	98
28) Naphthalene	10.32	128	75164122m	1713.20	ng/ul	
34) 2-Methylnaphthalene	11.95	142	6786625	229.98	ng/ul	100
41) 1,1'-Biphenyl	12.97	154	1725227	39.95	ng/ul	99
48) Acenaphthylene	13.86	152	148030	2.92	ng/ul#	88
50) Acenaphthene	14.22	153	8990827	251.15	ng/ul	98
54) Dibenzofuran	14.56	168	6870913	136.57	ng/ul	99
59) Fluorene	15.20	166	4633598	113.85	ng/ul	99
70) Phenanthrene	16.94	178	6348667	102.68	ng/ul	99
72) Anthracene	17.03	178	481123	7.76	ng/ul	98
75) Carbazole	17.32	167	15455743	301.17	ng/ul	93
77) Fluoranthene	18.96	202	709735	10.94	ng/ul	99
80) Pyrene	19.32	202	387532	5.65	ng/ul	97

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

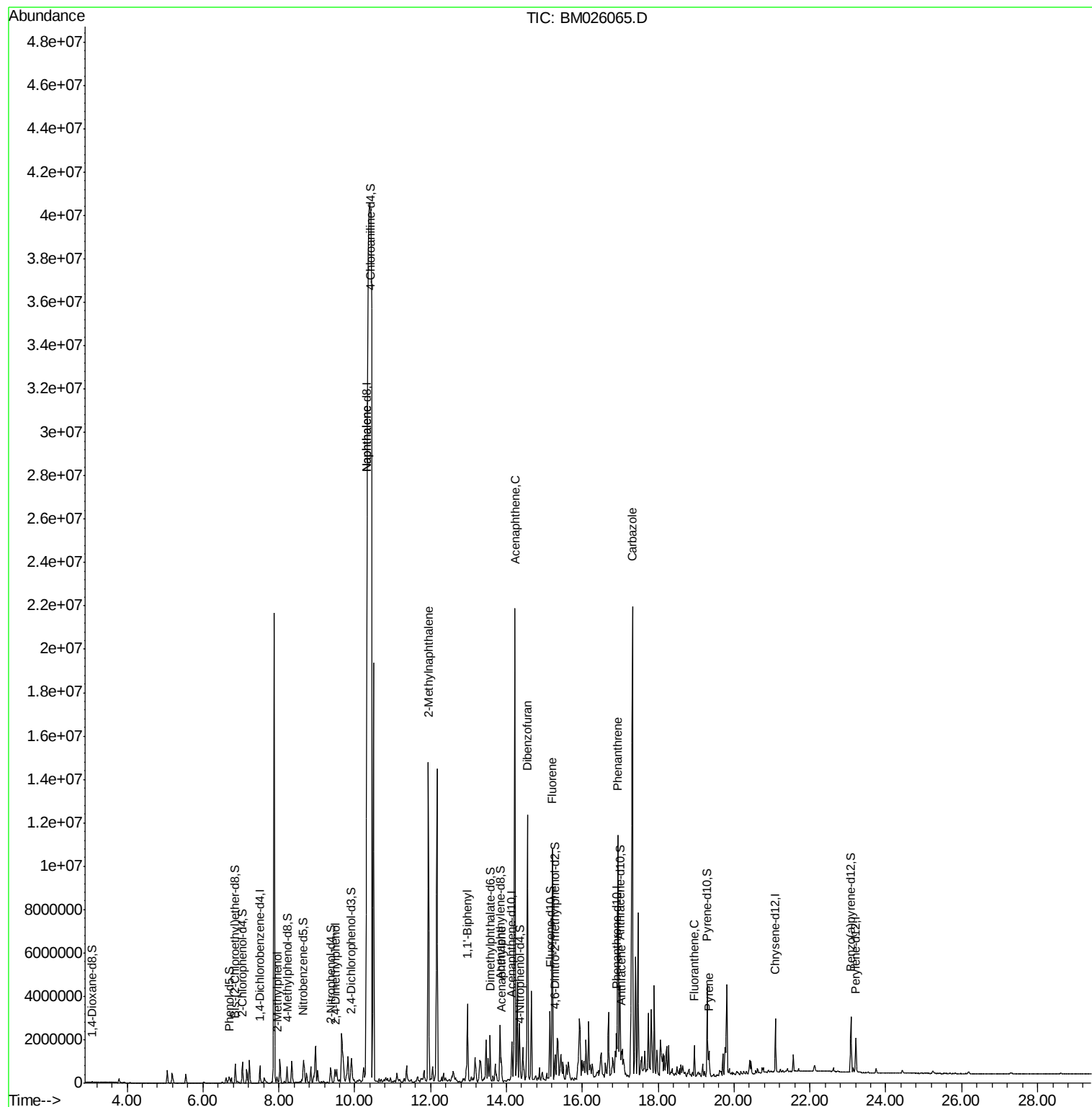
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026065.D
Acq On : 21 May 2020 20:05
Operator : MA/SJ
Sample : L2725-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

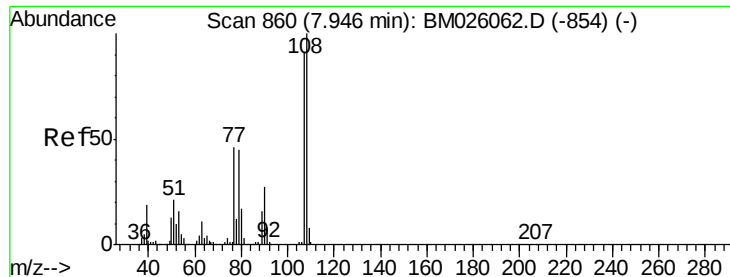
Instrument :
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Quant Time: May 22 04:29:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
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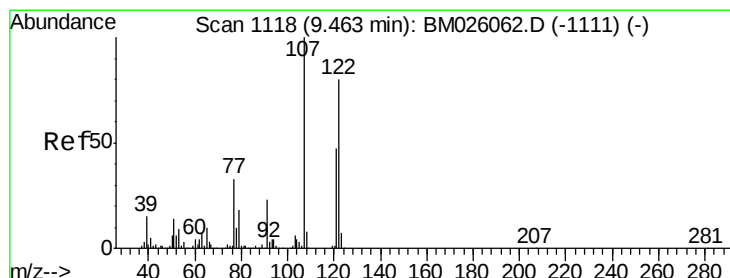
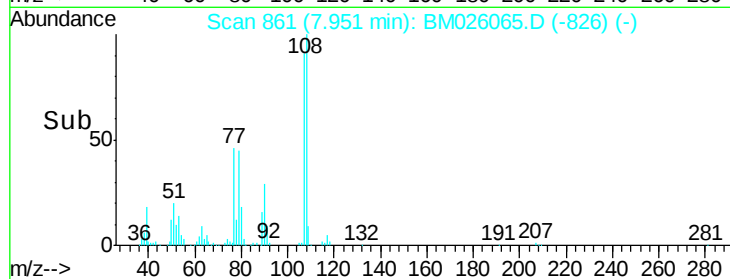
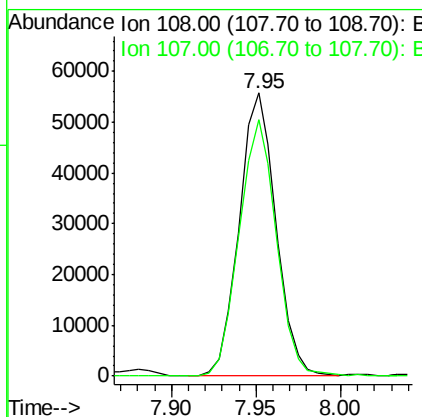
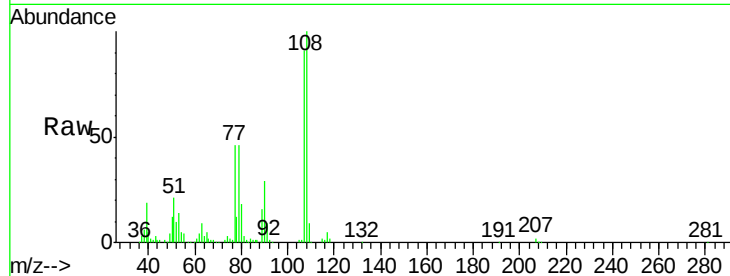
#11
 2-Methylphenol
 Concen: 6.23 ng/ul
 RT: 7.95 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: BM026065.D
 Acq: 21 May 2020 20:05

Instrument :
 BNA_M
 ClientSampleId :
 F9B22

Tgt Ion	Ratio	Lower	Upper
108	100		
107	90.8	72.3	108.5

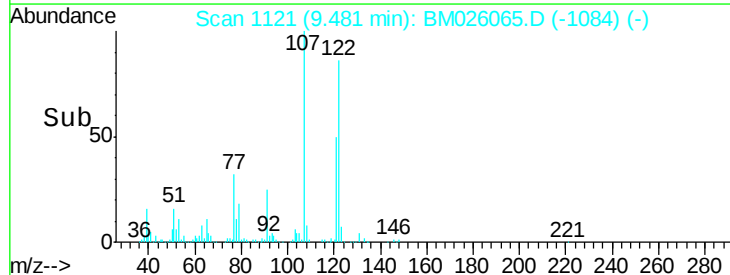
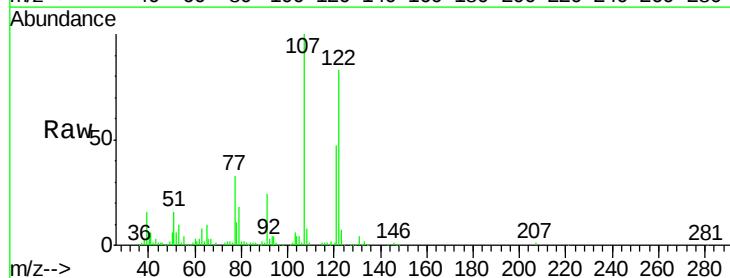
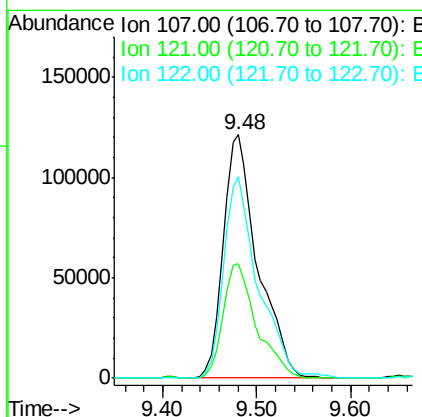
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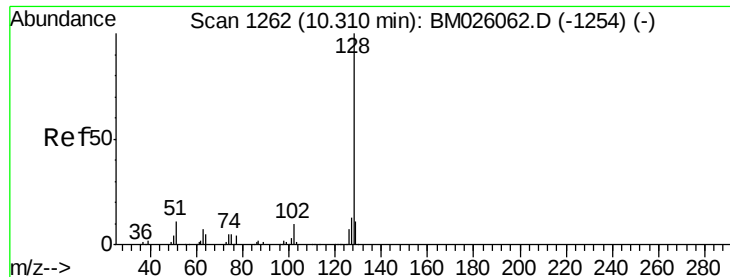
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#24
 2,4-Dimethylphenol
 Concen: 19.12 ng/ul
 RT: 9.48 min Scan# 1121
 Delta R.T. 0.02 min
 Lab File: BM026065.D
 Acq: 21 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
107	100		
121	47.1	37.5	56.3
122	82.7	63.8	95.6





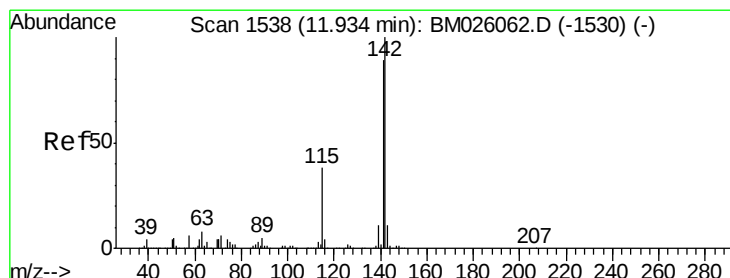
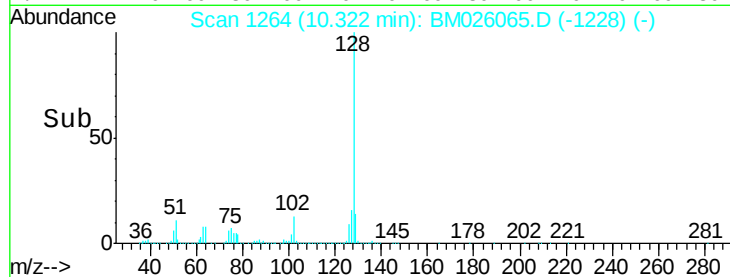
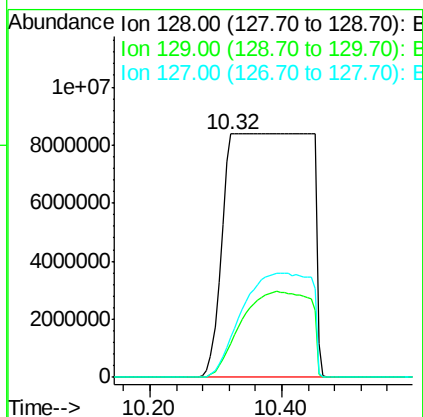
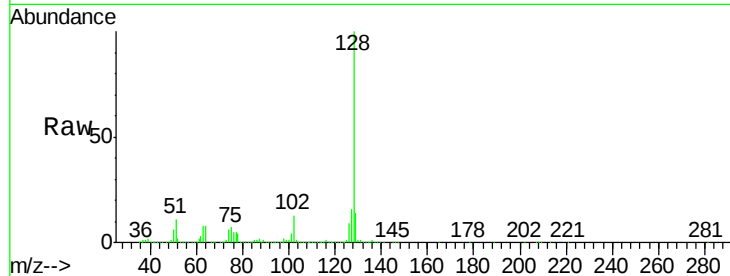
#28
Naphthalene
Concen: 1713.20 ng/ul m
RT: 10.32 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BM026065.D
Acq: 21 May 2020 20:05

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:128 Resp:75164122
Ion Ratio Lower Upper
128 100
129 14.0 9.0 13.4#
127 16.2 10.6 15.8#

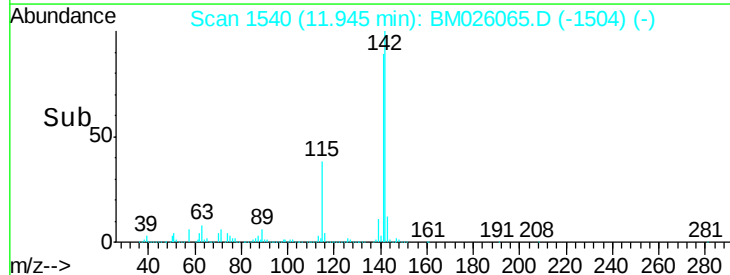
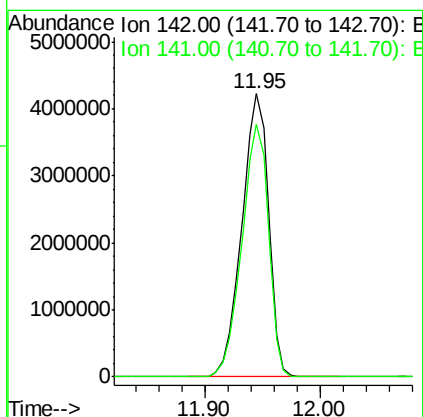
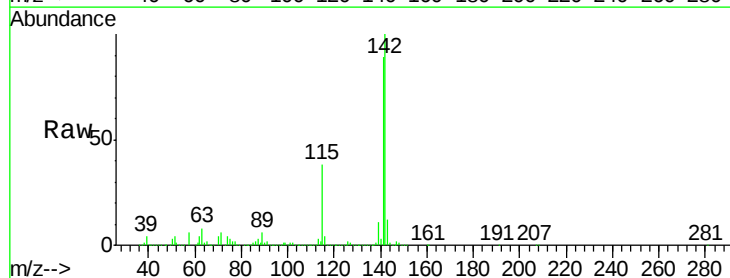
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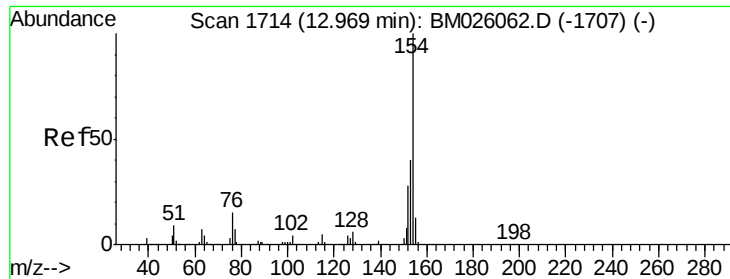
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#34
2-Methylnaphthalene
Concen: 229.98 ng/ul
RT: 11.95 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BM026065.D
Acq: 21 May 2020 20:05

Tgt Ion:142 Resp: 6786625
Ion Ratio Lower Upper
142 100
141 89.3 71.8 107.6





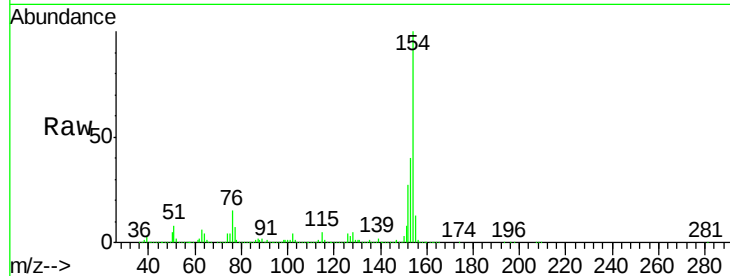
#41
 1,1'-Biphenyl
 Concen: 39.95 ng/ul
 RT: 12.97 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BM026065.D
 Acq: 21 May 2020 20:05

Instrument :
 BNA_M
 ClientSampleId :
 F9B22

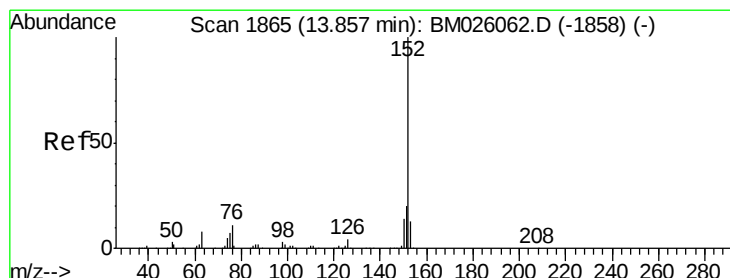
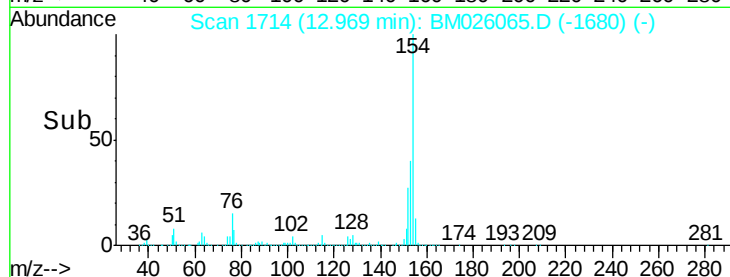
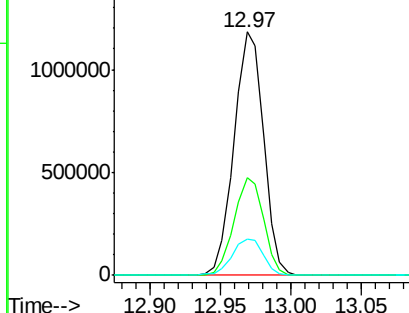
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	32.3	48.5
76	15.1	13.0	19.6

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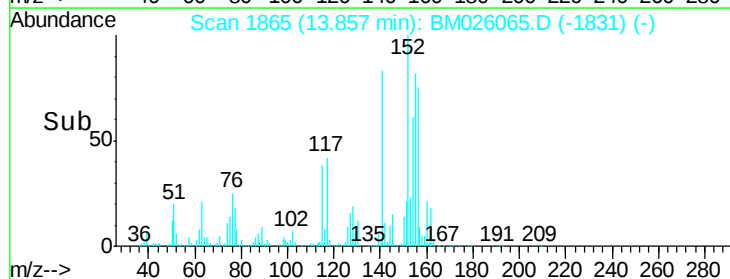
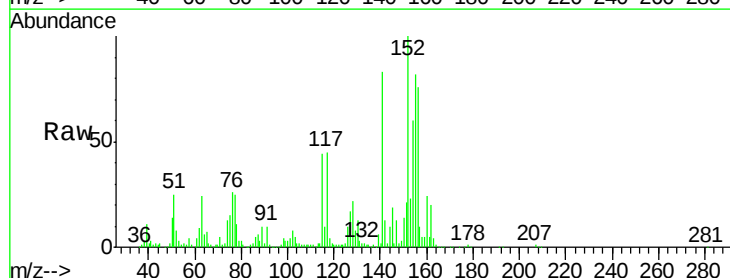
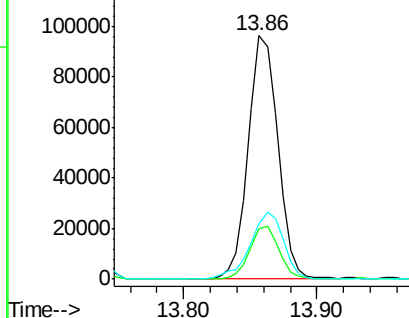
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

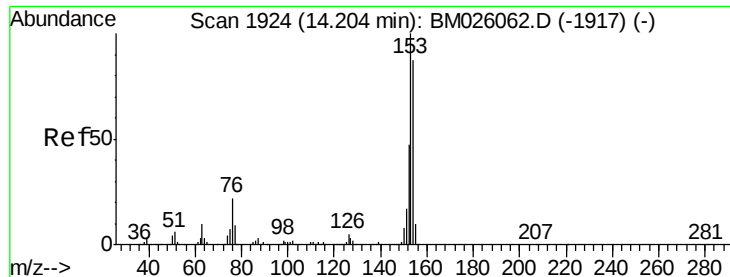


#48
 Acenaphthylene
 Concen: 2.92 ng/ul
 RT: 13.86 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BM026065.D
 Acq: 21 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.7	23.5
153	22.9	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: 251.15 ng/ul

RT: 14.22 min Scan# 1927

Delta R.T. 0.02 min

Lab File: BM026065.D

Acq: 21 May 2020 20:05

Instrument :

BNA_M

ClientSampleId :

F9B22

Tgt Ion:153 Resp: 8990827

Ion Ratio Lower Upper

153 100

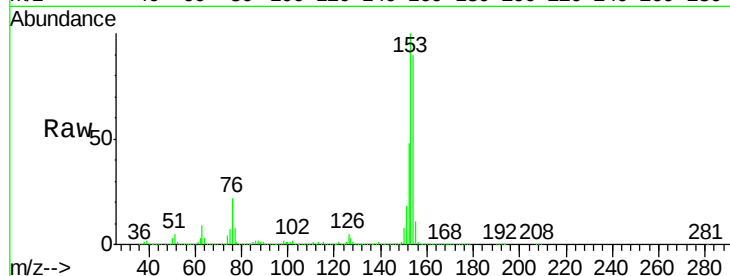
152 47.6 37.2 55.8

154 89.8 69.8 104.8

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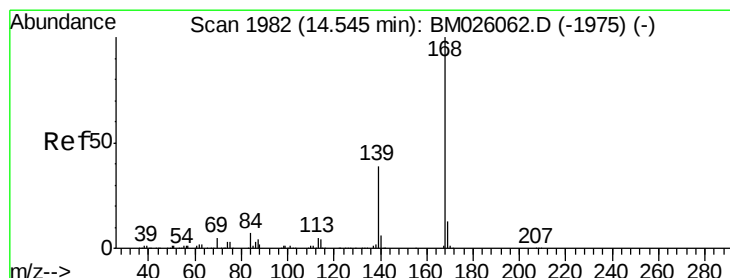
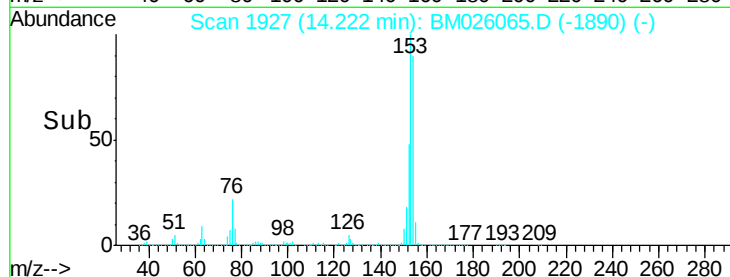
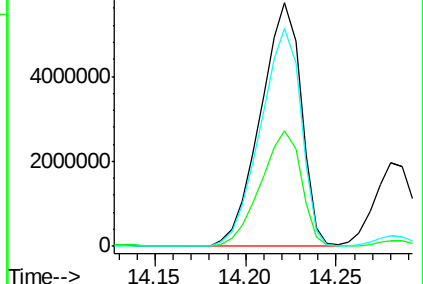
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 136.57 ng/ul

RT: 14.56 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BM026065.D

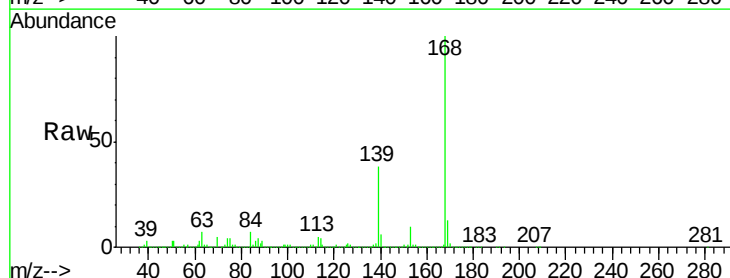
Acq: 21 May 2020 20:05

Tgt Ion:168 Resp: 6870913

Ion Ratio Lower Upper

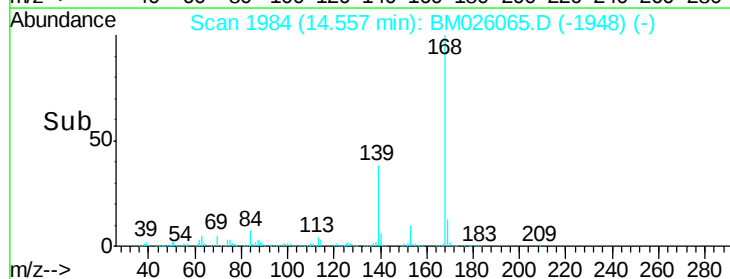
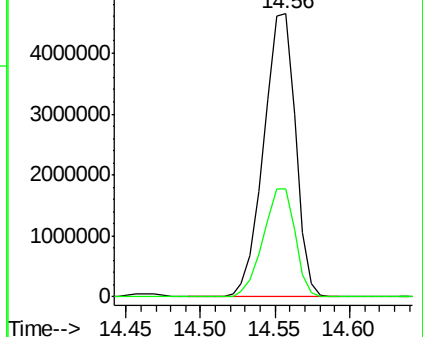
168 100

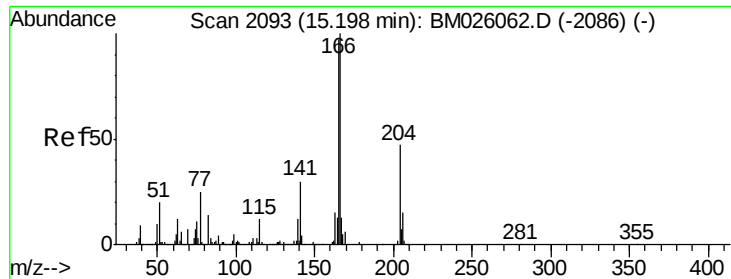
139 38.0 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





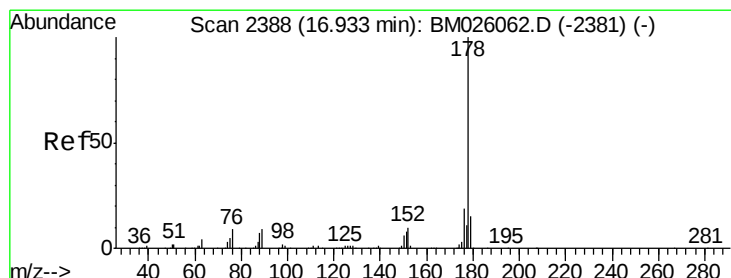
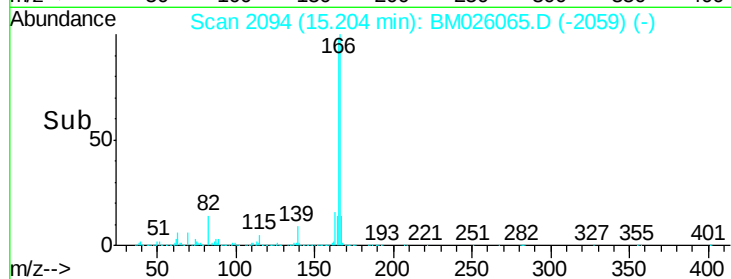
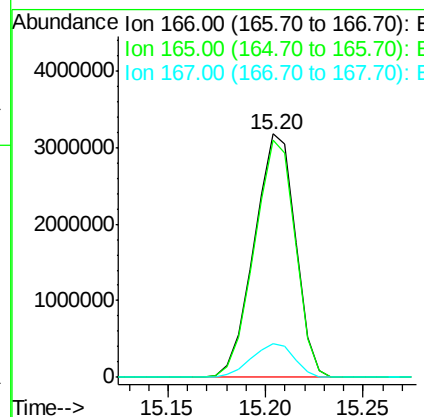
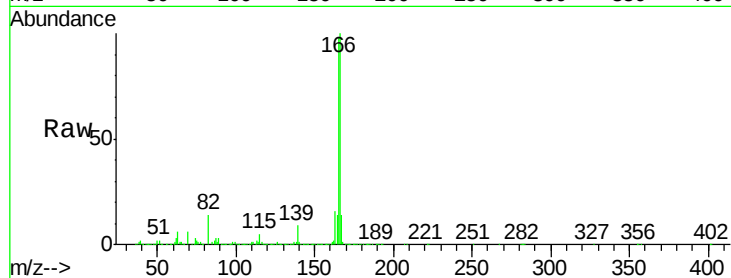
#59
 Fluorene
 Concen: 113.85 ng/ul
 RT: 15.20 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: BM026065.D
 Acq: 21 May 2020 20:05

Instrument :
 BNA_M
 ClientSampleId :
 F9B22

Tgt Ion:166 Resp: 4633598
 Ion Ratio Lower Upper
 166 100
 165 97.6 77.3 115.9
 167 13.8 10.6 16.0

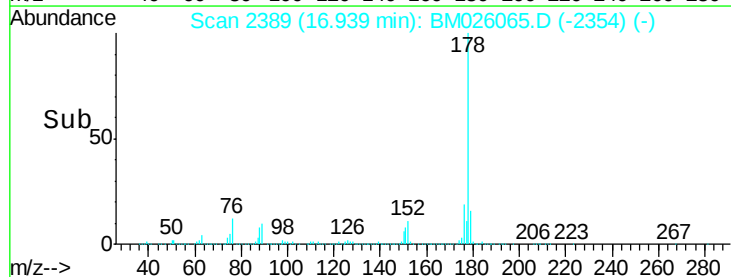
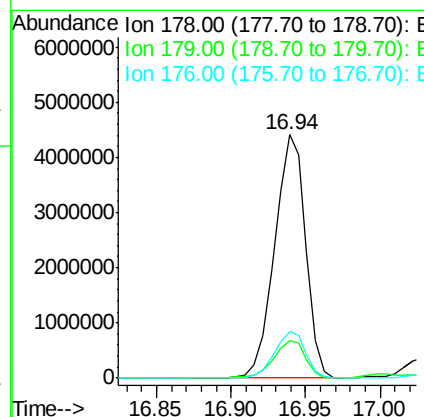
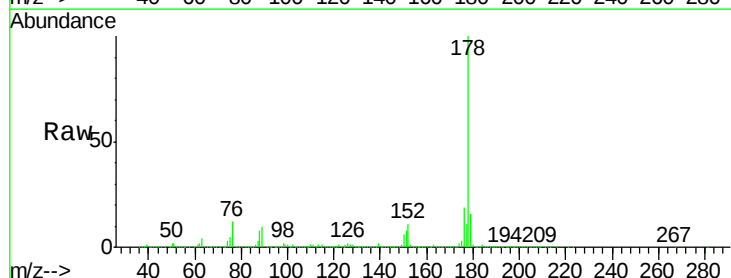
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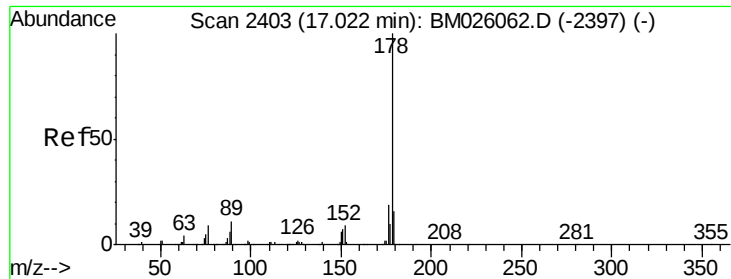
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#70
 Phenanthrene
 Concen: 102.68 ng/ul
 RT: 16.94 min Scan# 2389
 Delta R.T. 0.01 min
 Lab File: BM026065.D
 Acq: 21 May 2020 20:05

Tgt Ion:178 Resp: 6348667
 Ion Ratio Lower Upper
 178 100
 179 15.6 11.9 17.9
 176 19.2 14.9 22.3





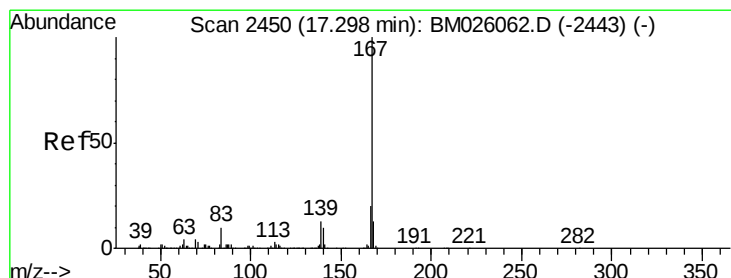
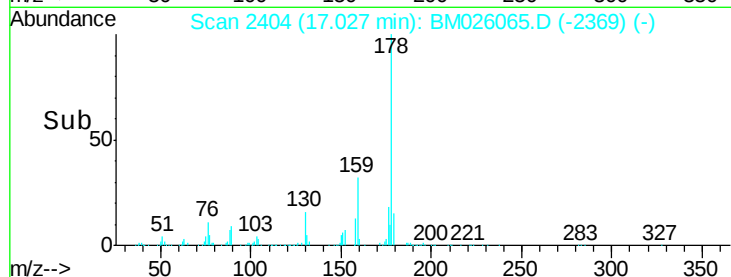
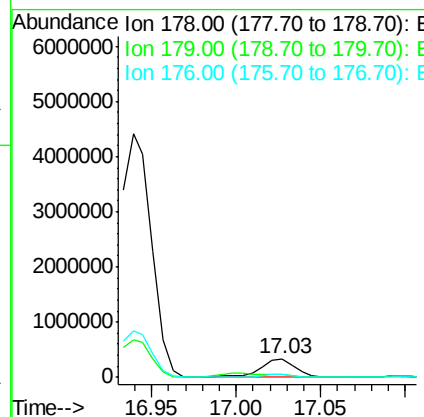
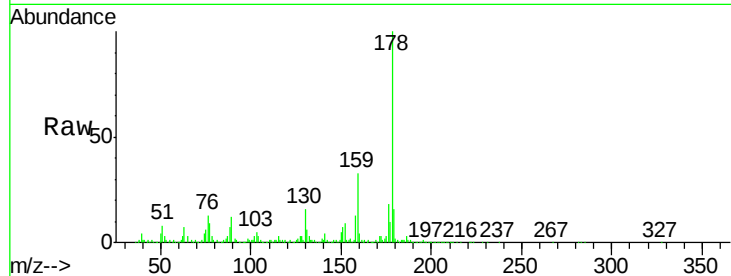
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 Anthracene
 Concen: 7.76 ng/ul
 RT: 17.03 min Scan# 2404
 Delta R.T. 0.01 min
 Lab File: BM026065.D
 Acq: 21 May 2020 20:05

Instrument :
 BNA_M
 ClientSampled :
 F9B22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	17.9	14.9	22.3

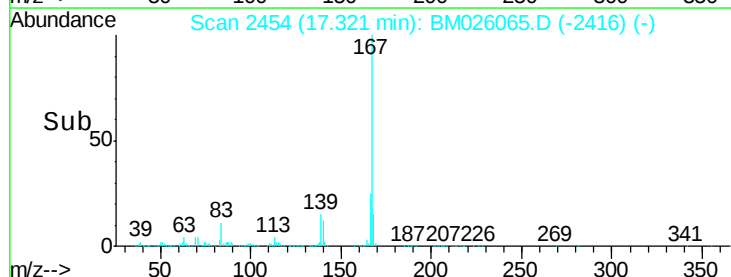
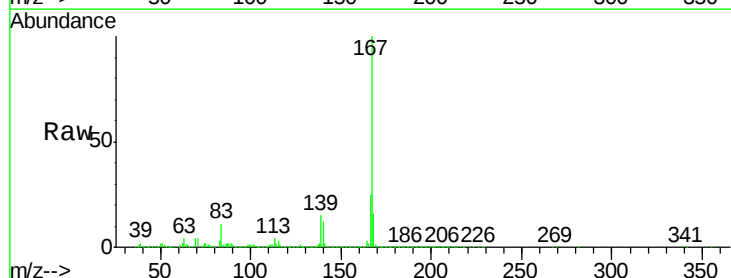
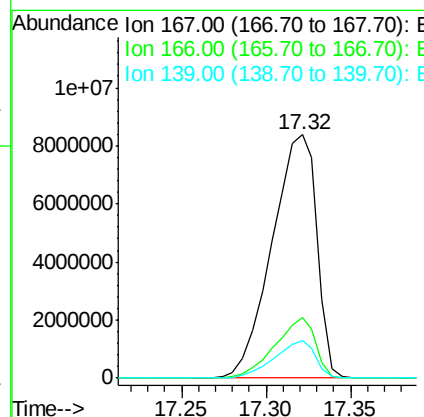
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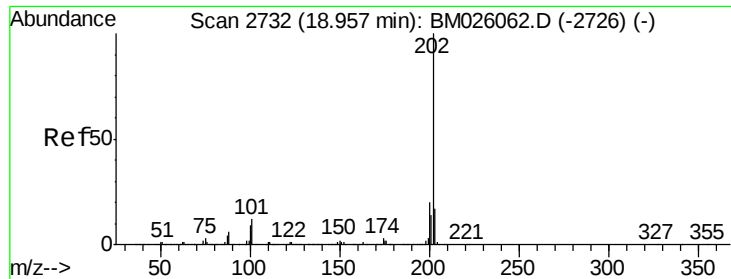
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#75
 Carbazole
 Concen: 301.17 ng/ul
 RT: 17.32 min Scan# 2454
 Delta R.T. 0.02 min
 Lab File: BM026065.D
 Acq: 21 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.7	16.6	25.0
139	15.5	10.8	16.2





#77

Fluoranthene

Concen: 10.94 ng/ul

RT: 18.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM026065.D

Acq: 21 May 2020 20:05

Instrument :

BNA_M

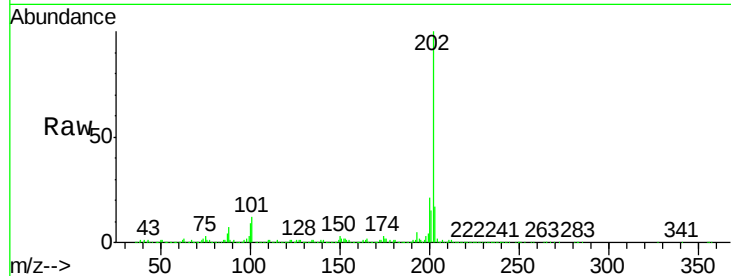
ClientSampleId :

F9B22

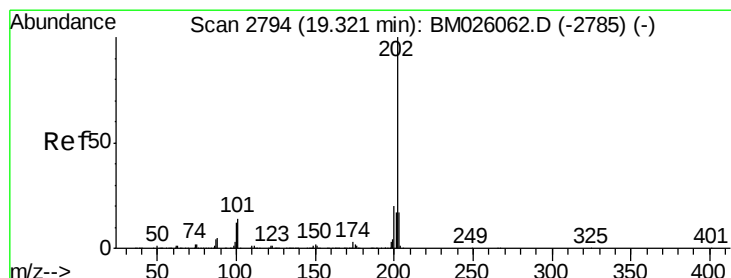
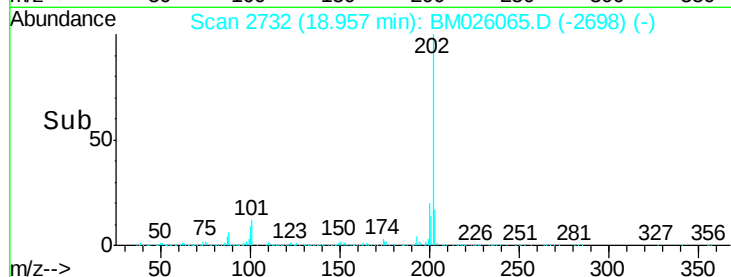
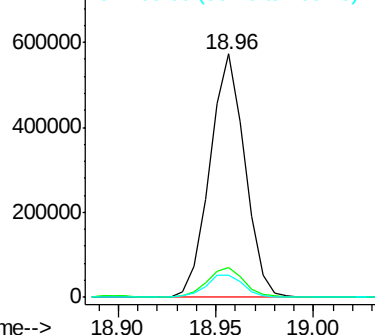
Tgt Ion:	202	Resp:	709735
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.5	14.3
100	9.1	7.6	11.4

Manual Integrations
APPROVED

mohammad
5/22/2020 2:54:46 PM



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): B



#80

Pyrene

Concen: 5.65 ng/ul

RT: 19.32 min Scan# 2794

Delta R.T. 0.01 min

Lab File: BM026065.D

Acq: 21 May 2020 20:05

Tgt Ion:	202	Resp:	387532
Ion Ratio	Lower	Upper	
202	100		
101	14.3	12.2	18.4
100	11.5	10.2	15.4

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): B

