

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
 Data File : BM026113.D
 Acq On : 26 May 2020 14:26
 Operator : MA/SJ
 Sample : L2737-16DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F9B13DL

Manual Integrations
 APPROVED

mohammad
 5/27/2020 11:46:53 AM

Quant Time: May 26 15:21:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 26 11:15:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	138229	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	559185	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	337738	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	736485	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	793601	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	816569	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	2303	0.50	ng/uL	0.00
5) Phenol-d5	6.68	99	8548	0.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	25702	2.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	21872	2.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	14660	1.55	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	12691	2.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	12581	2.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	25496	2.82	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	90033	3.32	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	93890	2.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	2736	0.57	ng/ul	0.01
58) Fluorene-d10	15.13	176	78187	3.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	7651	1.78	ng/ul	0.00
71) Anthracene-d10	16.98	188	124961	3.44	ng/ul	0.00
79) Pyrene-d10	19.28	212	139317	3.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	135227	3.11	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.71	94	1218992	86.72	ng/ul	99
11) 2-Methylphenol	7.94	108	640846	66.17	ng/ul	100
16) 4-Methylphenol	8.27	108	1188628	112.85	ng/ul	96
24) 2,4-Dimethylphenol	9.46	107	519266m	41.47	ng/ul	
28) Naphthalene	10.31	128	8829691	258.26	ng/ul	100
34) 2-Methylnaphthalene	11.92	142	314280	13.67	ng/ul	97
41) 1,1'-Biphenyl	12.96	154	33662	1.12	ng/ul	95
50) Acenaphthene	14.20	153	501473	20.18	ng/ul	98
54) Dibenzofuran	14.53	168	395838	11.34	ng/ul	99
59) Fluorene	15.19	166	270370	9.57	ng/ul	99
70) Phenanthrene	16.92	178	439490	9.47	ng/ul	99
75) Carbazole	17.29	167	159592	4.14	ng/ul	98
77) Fluoranthene	18.94	202	89236	1.83	ng/ul	99
80) Pyrene	19.31	202	57783	1.04	ng/ul	97

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

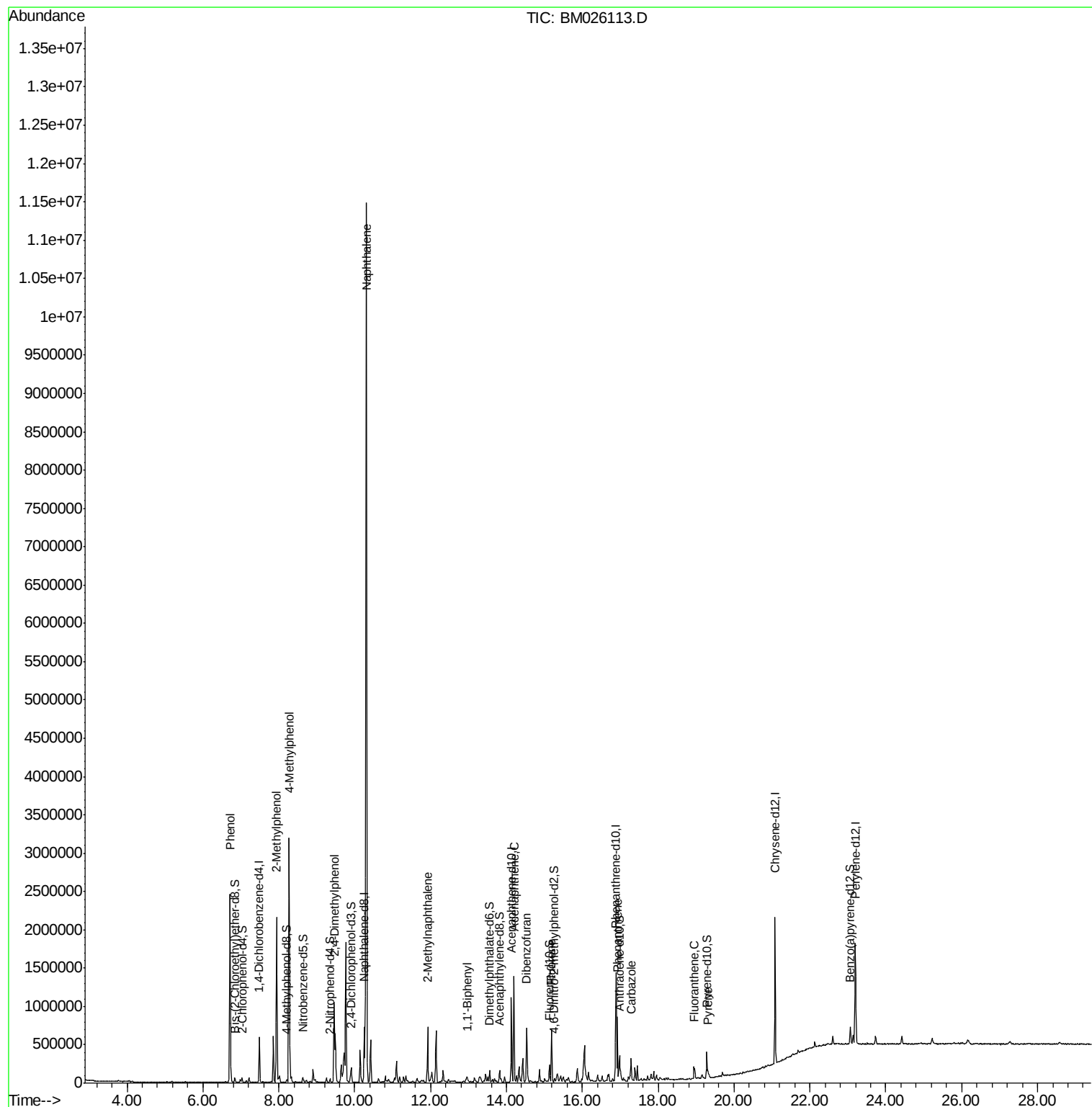
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026113.D
Acq On : 26 May 2020 14:26
Operator : MA/SJ
Sample : L2737-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

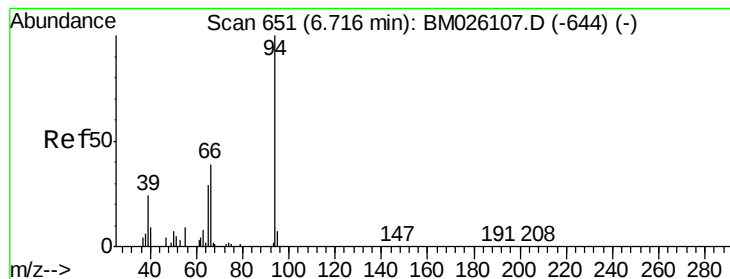
Instrument :
BNA_M
ClientSampleId :
F9B13DL

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Quant Time: May 26 15:21:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration





#6

Phenol

Concen: 86.72 ng/ul

RT: 6.71 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM026113.D

Acq: 26 May 2020 14:26

Instrument :

BNA_M

ClientSampleId :

F9B13DL

Tgt Ion: 94 Resp: 1218992

Ion Ratio Lower Upper

94 100

65 31.5 25.8 38.8

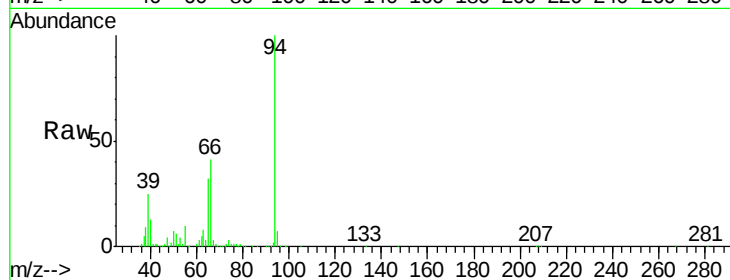
66 41.1 33.3 49.9

Manual Integrations

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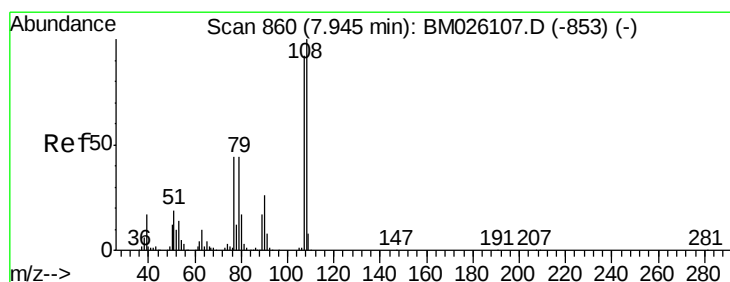
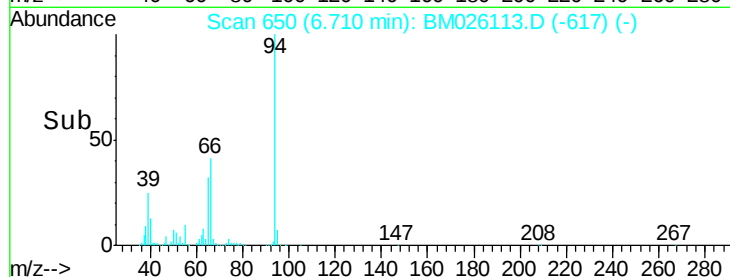
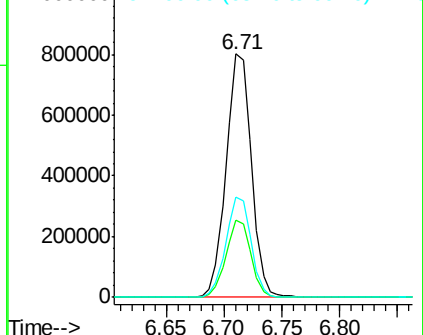
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Abundance Ion 94.00 (93.70 to 94.70): BM026107.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM026107.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM026107.D (-644) (-)



#11

2-Methylphenol

Concen: 66.17 ng/ul

RT: 7.94 min Scan# 859

Delta R.T. -0.01 min

Lab File: BM026113.D

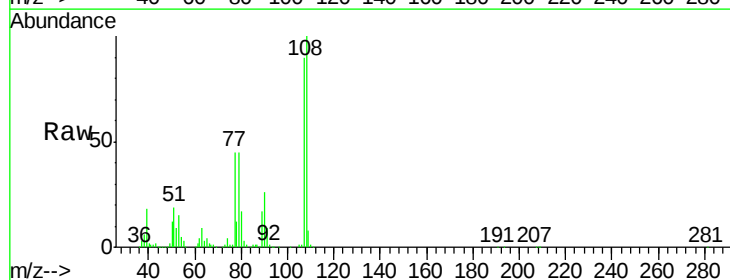
Acq: 26 May 2020 14:26

Tgt Ion: 108 Resp: 640846

Ion Ratio Lower Upper

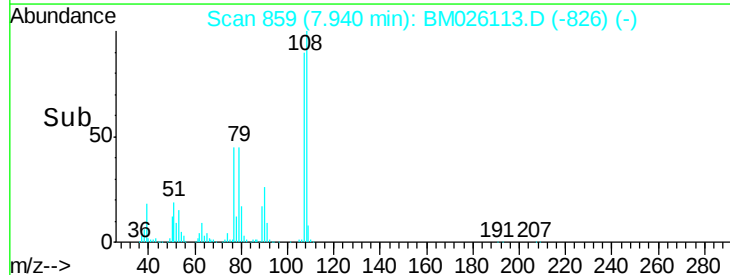
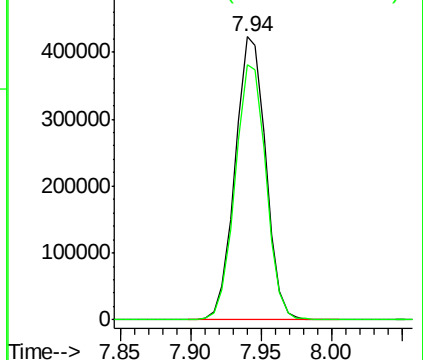
108 100

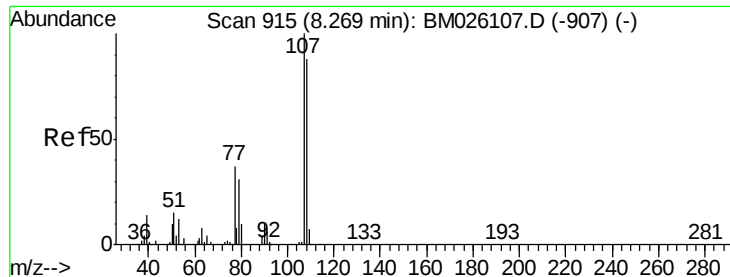
107 90.1 72.3 108.5



Abundance Ion 108.00 (107.70 to 108.70): BM026107.D (-853) (-)

Ion 107.00 (106.70 to 107.70): BM026107.D (-853) (-)





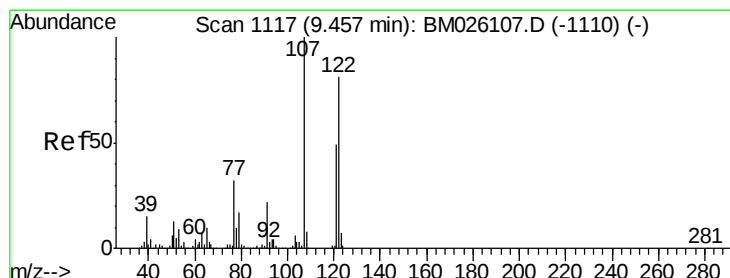
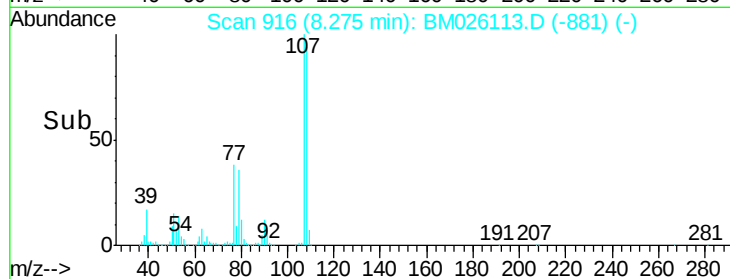
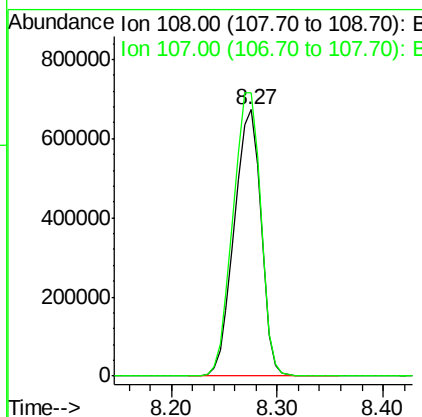
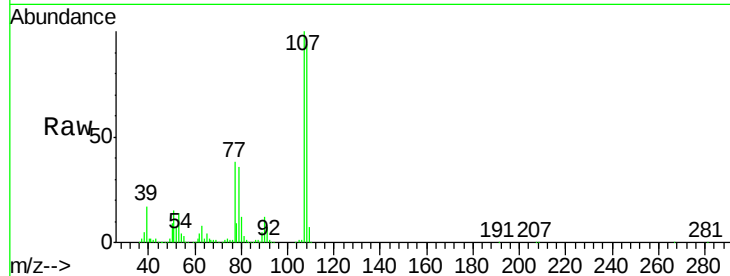
#16
4-Methylphenol
Concen: 112.85 ng/ul
RT: 8.27 min Scan# 916
Delta R.T. 0.01 min
Lab File: BM026113.D
Acq: 26 May 2020 14:26

Instrument :
BNA_M
ClientSampleId :
F9B13DL

Tgt Ion:108 Resp: 1188628
Ion Ratio Lower Upper
108 100
107 106.2 88.6 132.8

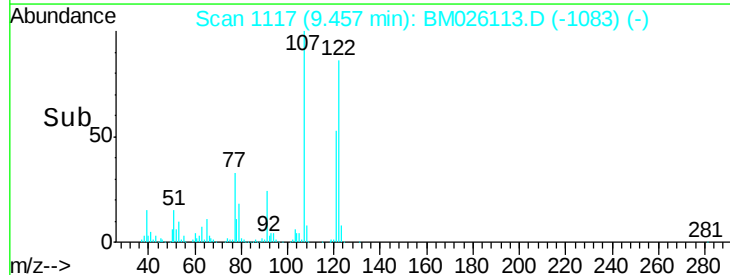
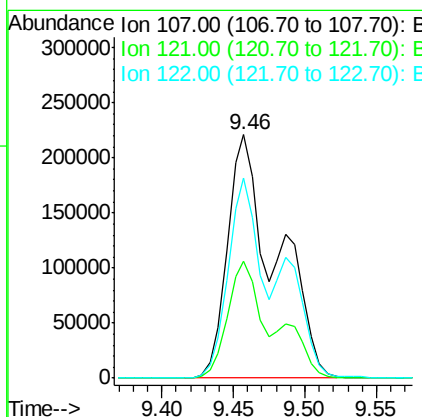
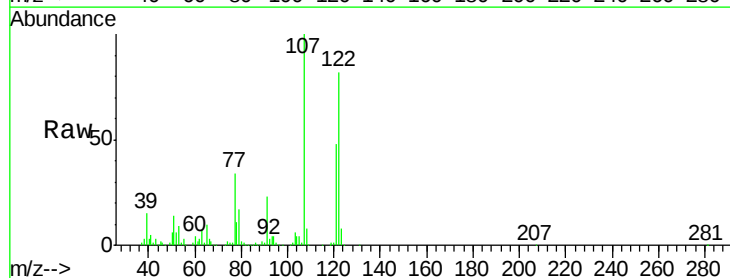
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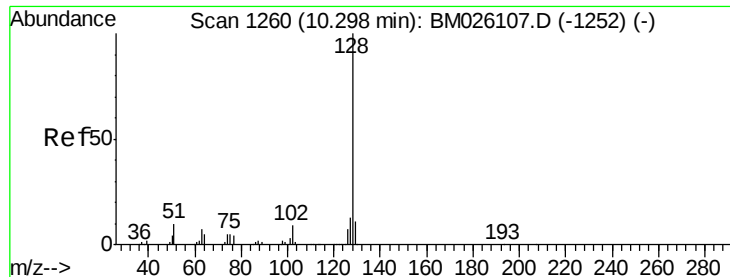
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#24
2,4-Dimethylphenol
Concen: 41.47 ng/ul m
RT: 9.46 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BM026113.D
Acq: 26 May 2020 14:26

Tgt Ion:107 Resp: 519266
Ion Ratio Lower Upper
107 100
121 48.2 37.5 56.3
122 82.0 63.8 95.6





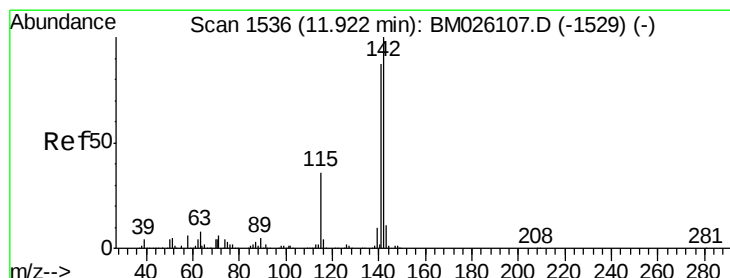
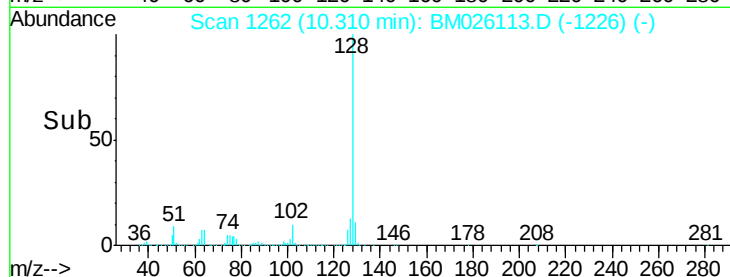
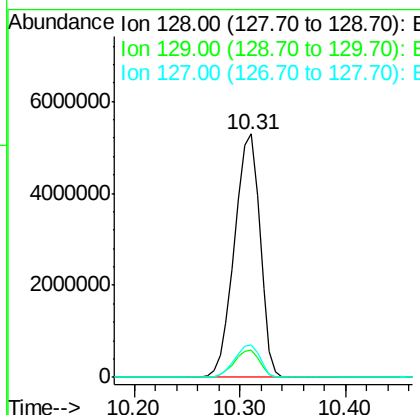
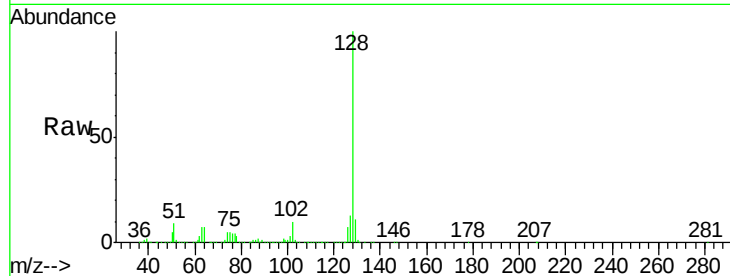
#28
Naphthalene
Concen: 258.26 ng/ul
RT: 10.31 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BM026113.D
Acq: 26 May 2020 14:26

Instrument :
BNA_M
ClientSampleId :
F9B13DL

Tgt Ion:128 Resp: 8829691
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.4 10.6 15.8

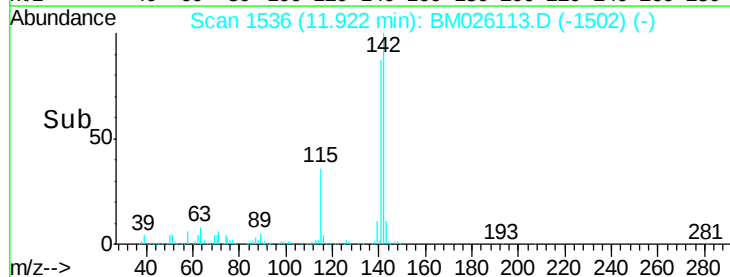
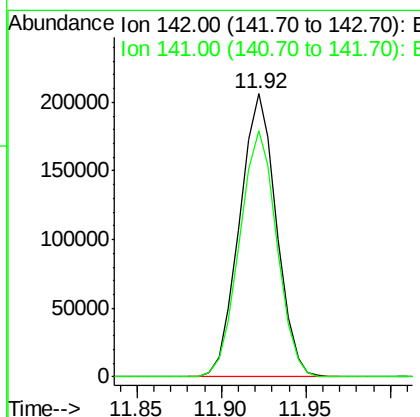
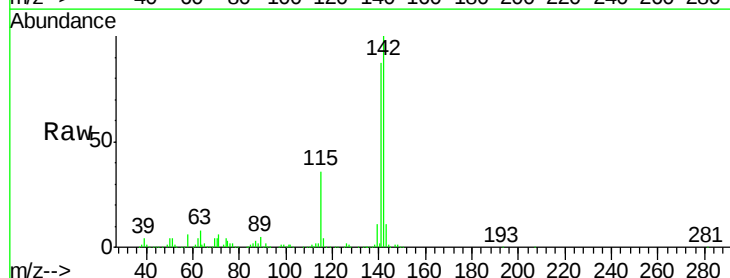
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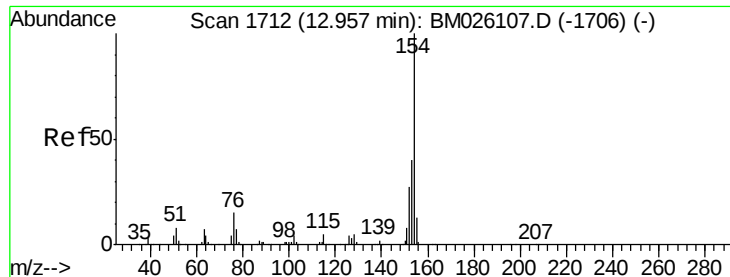
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#34
2-Methylnaphthalene
Concen: 13.67 ng/ul
RT: 11.92 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BM026113.D
Acq: 26 May 2020 14:26

Tgt Ion:142 Resp: 314280
Ion Ratio Lower Upper
142 100
141 87.1 71.8 107.6





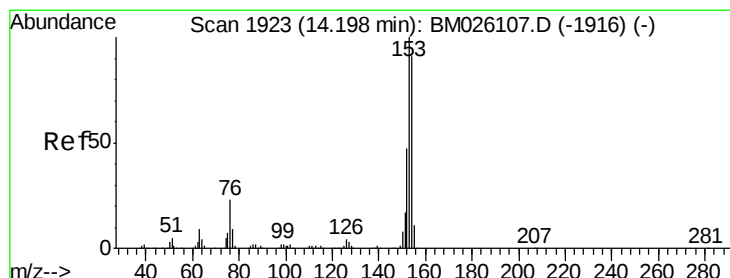
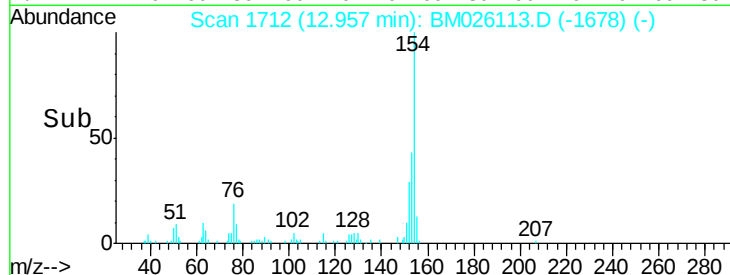
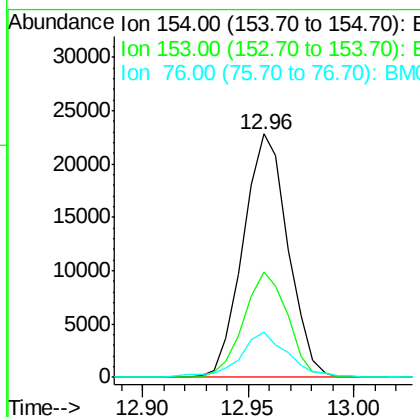
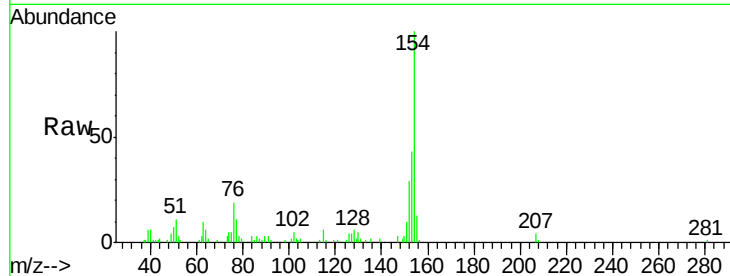
#41
 1,1'-Biphenyl
 Concen: 1.12 ng/ul
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM026113.D
 Acq: 26 May 2020 14:26

Instrument :
 BNA_M
 ClientSampleId :
 F9B13DL

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	33662		
153	43.2	32.3	48.5	
76	18.7	13.0	19.6	

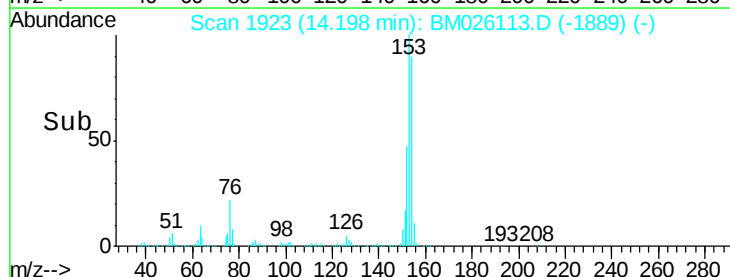
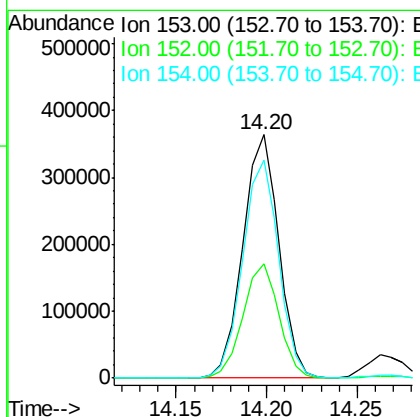
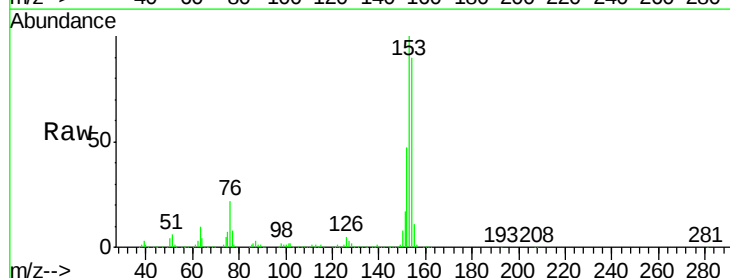
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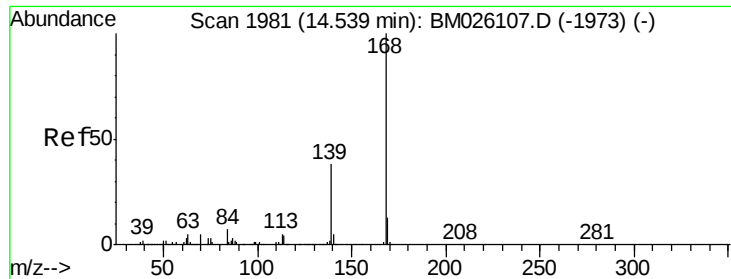
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#50
 Acenaphthene
 Concen: 20.18 ng/ul
 RT: 14.20 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BM026113.D
 Acq: 26 May 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	501473		
152	46.9	37.2	55.8	
154	89.7	69.8	104.8	





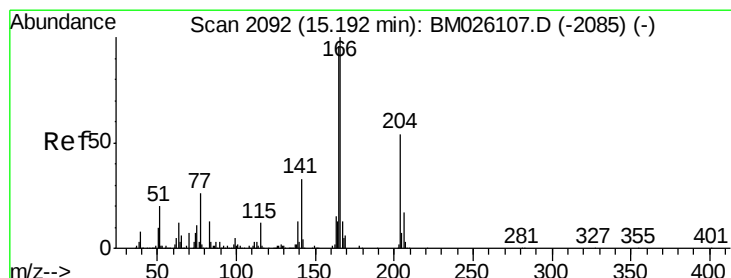
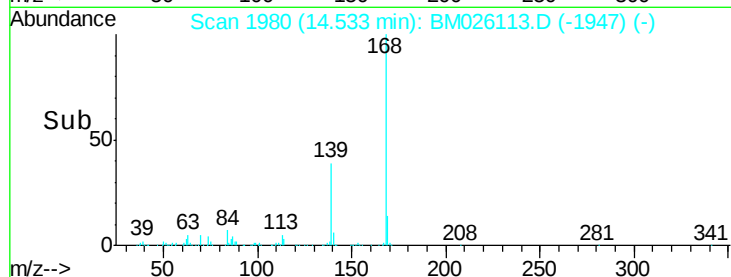
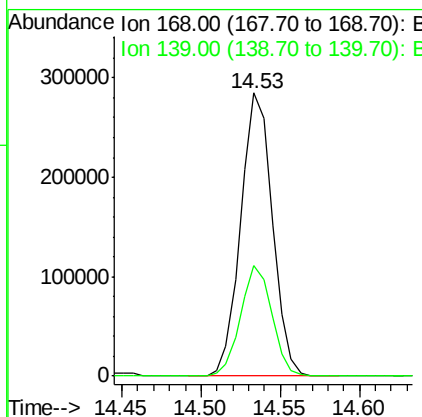
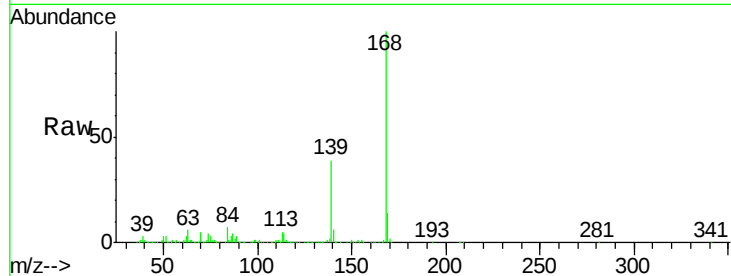
#54
Dibenzenofuran
Concen: 11.34 ng/ul
RT: 14.53 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM026113.D
Acq: 26 May 2020 14:26

Instrument :
BNA_M
ClientSampleId :
F9B13DL

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	395838		
139	39.3	30.7	46.1	

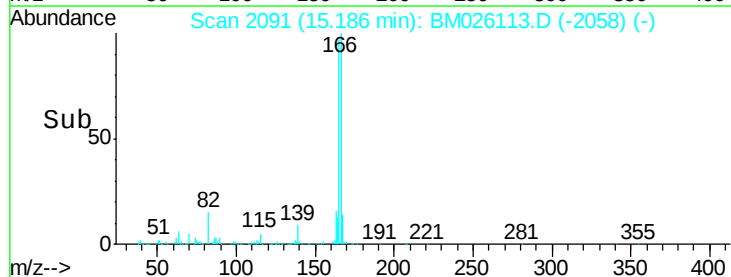
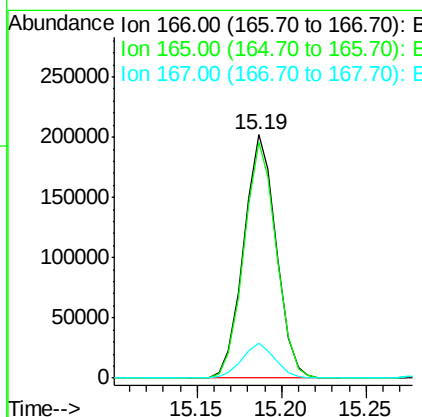
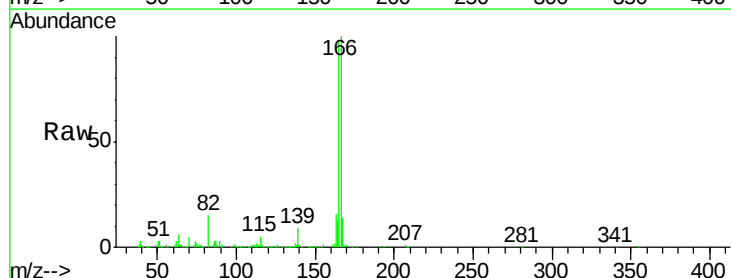
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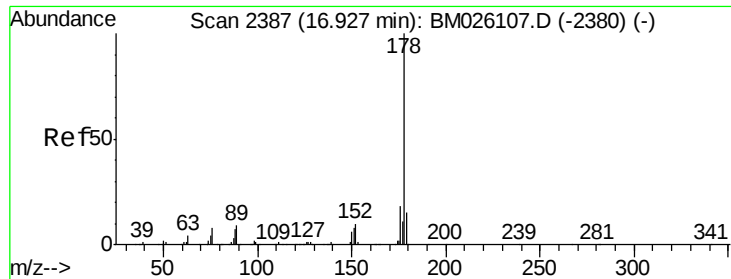
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#59
Fluorene
Concen: 9.57 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BM026113.D
Acq: 26 May 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	270370		
165	96.8	77.3	115.9	
167	14.4	10.6	16.0	





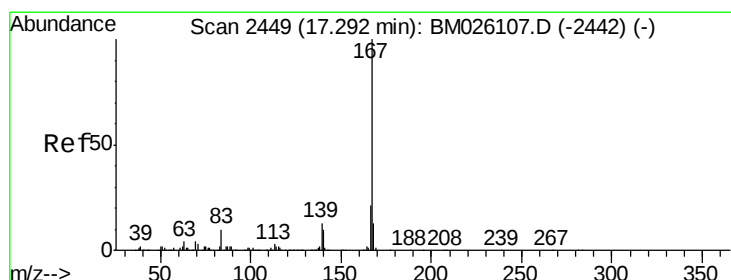
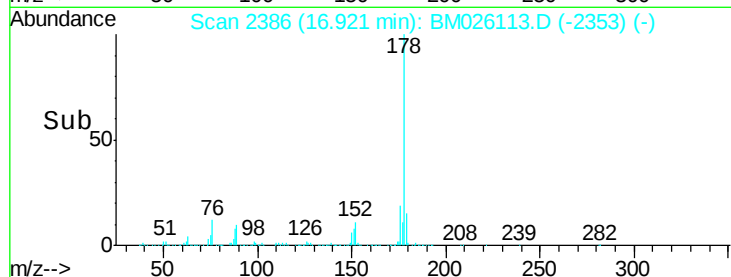
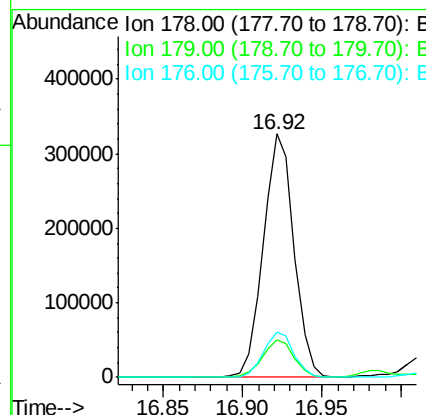
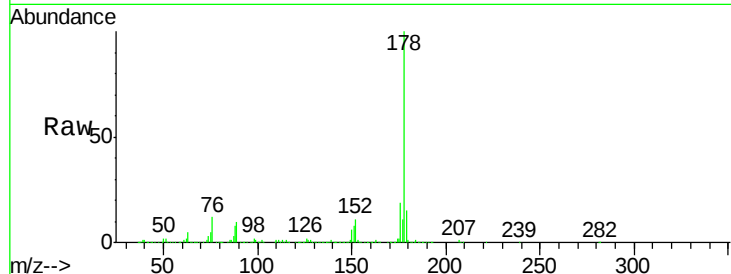
#70
Phenanthrene
Concen: 9.47 ng/ul
RT: 16.92 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM026113.D
Acq: 26 May 2020 14:26

Instrument :
BNA_M
ClientSampleId :
F9B13DL

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	439490		
179	15.4	11.9	17.9	
176	18.7	14.9	22.3	

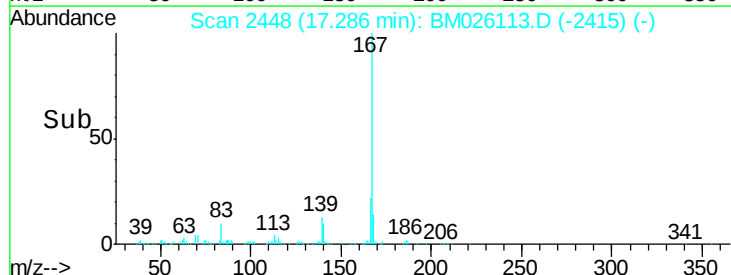
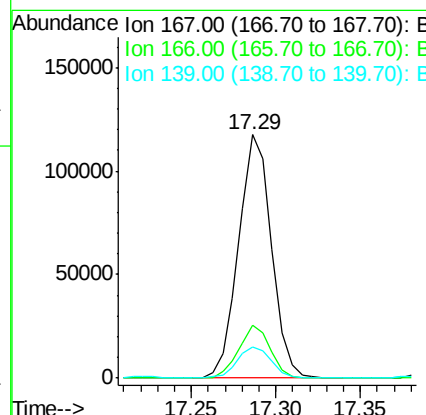
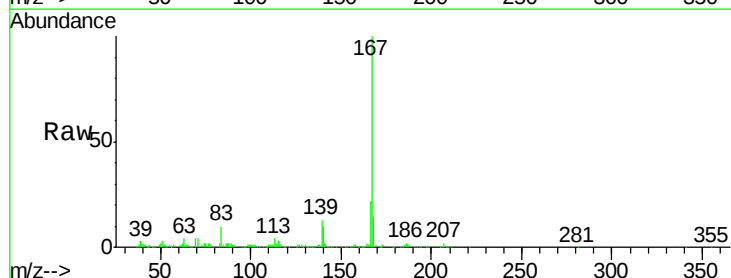
Manual Integrations
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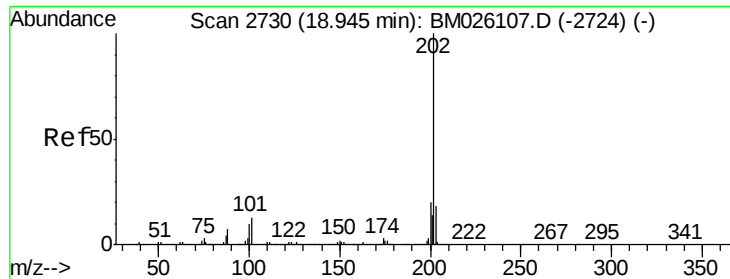
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#75
Carbazole
Concen: 4.14 ng/ul
RT: 17.29 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BM026113.D
Acq: 26 May 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	159592		
166	21.9	16.6	25.0	
139	12.7	10.8	16.2	





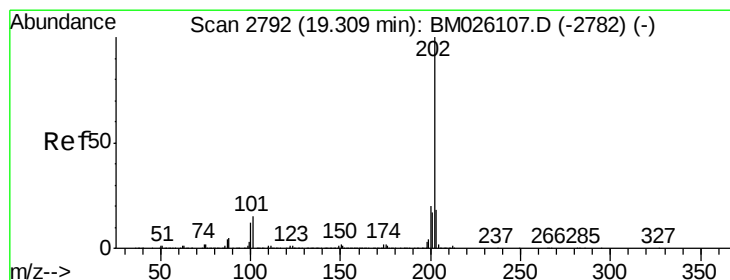
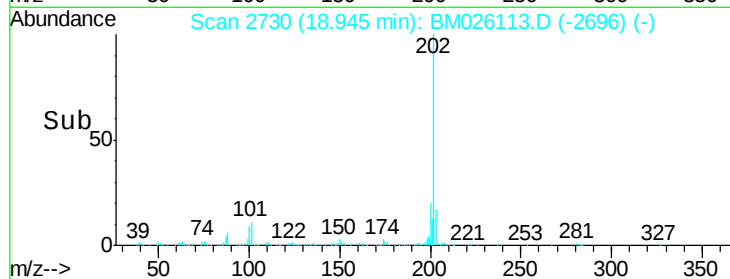
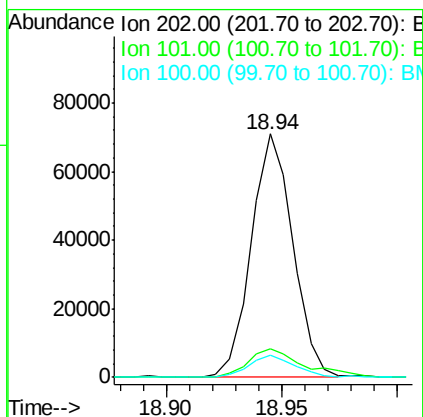
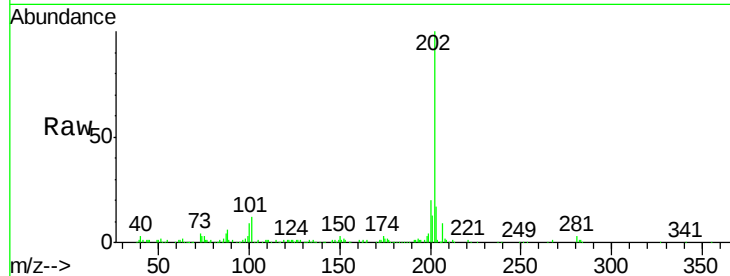
#77
Fluoranthene
 Concen: 1.83 ng/ul
 RT: 18.94 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: BM026113.D
 Acq: 26 May 2020 14:26

Instrument :
 BNA_M
 ClientSampleId :
 F9B13DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.5	9.5	14.3
100	8.9	7.6	11.4

Manual Integrations
 APPROVED

mohammad
 5/27/2020 11:46:53 AM



#80
Pyrene
 Concen: 1.04 ng/ul
 RT: 19.31 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BM026113.D
 Acq: 26 May 2020 14:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.5	12.2	18.4
100	10.7	10.2	15.4

