

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
 Data File : BM026117.D
 Acq On : 26 May 2020 16:54
 Operator : MA/SJ
 Sample : L2737-13DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F9B10DL

Manual Integrations
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mohammad
 5/27/2020 11:47:04 AM

Quant Time: May 26 17:34:00 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	147363	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	610613	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	367331	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	789921	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	821092	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	831842	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.69	99	9451	0.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	27351	2.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	24659	2.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	17634	1.75	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	14945	3.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	14815	3.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	30779	3.11	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	105810	3.59	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	115964	3.32	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.13	176	92999	3.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	9851	2.14	ng/ul	0.00
71) Anthracene-d10	16.98	188	144749	3.72	ng/ul	0.00
79) Pyrene-d10	19.28	212	158289	3.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	147281	3.33	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.71	94	80714	5.39	ng/ul	96
11) 2-Methylphenol	7.94	108	262999	25.47	ng/ul	98
16) 4-Methylphenol	8.26	108	267170	23.79	ng/ul	89
24) 2,4-Dimethylphenol	9.46	107	534899m	39.12	ng/ul	
28) Naphthalene	10.32	128	16627159	445.36	ng/ul	94
34) 2-Methylnaphthalene	11.92	142	335225	13.35	ng/ul	98
41) 1,1'-Biphenyl	12.96	154	65768	2.02	ng/ul	98
50) Acenaphthene	14.20	153	820863	30.38	ng/ul	99
54) Dibenzofuran	14.53	168	485954	12.80	ng/ul	99
59) Fluorene	15.19	166	420497	13.69	ng/ul	99
70) Phenanthrene	16.92	178	963098	19.36	ng/ul	100
72) Anthracene	17.02	178	89100	1.78	ng/ul	99
75) Carbazole	17.29	167	1194659	28.93	ng/ul	99
77) Fluoranthene	18.94	202	233882	4.48	ng/ul	98
80) Pyrene	19.31	202	144299	2.50	ng/ul	97

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

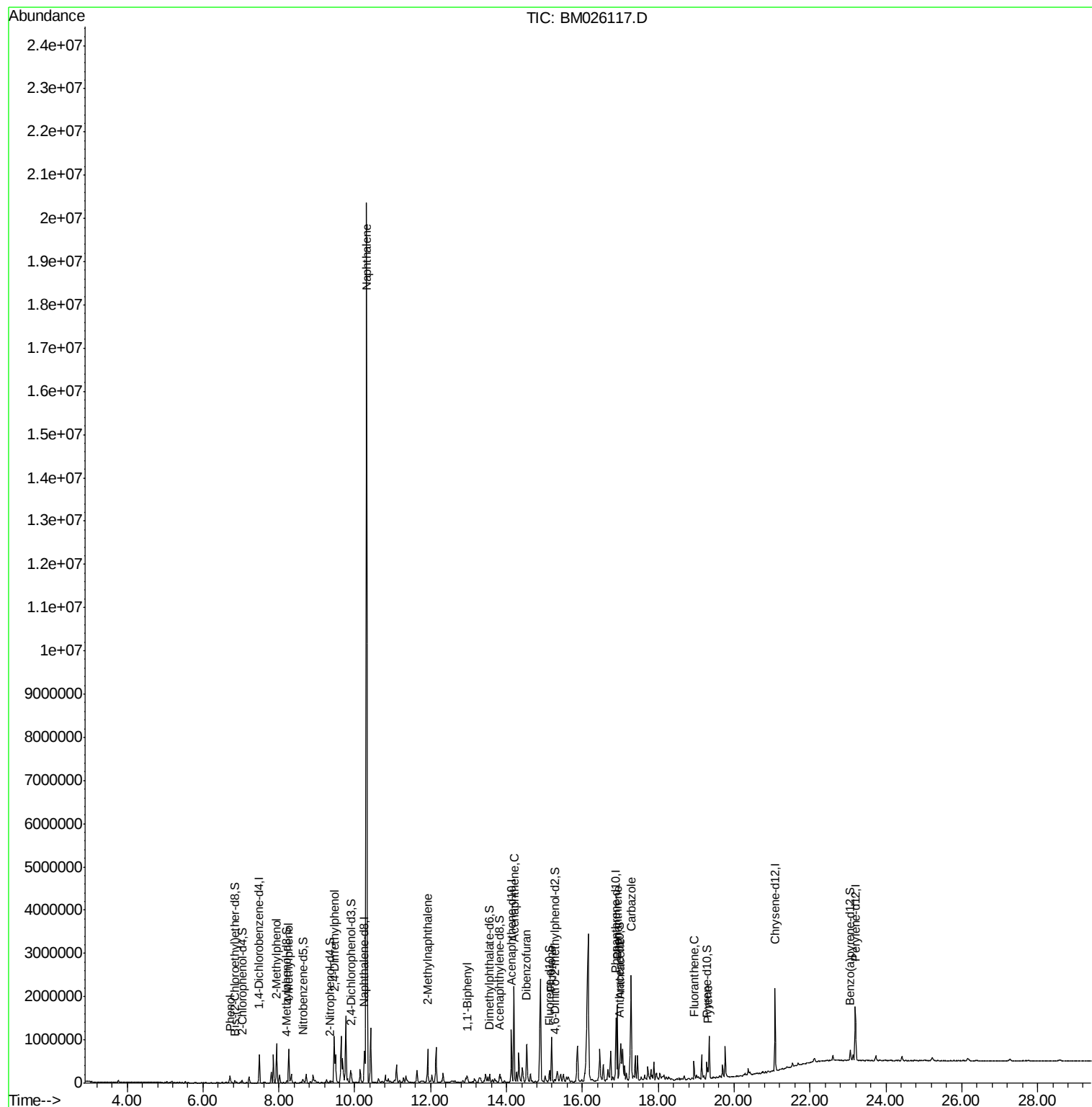
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026117.D
Acq On : 26 May 2020 16:54
Operator : MA/SJ
Sample : L2737-13DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

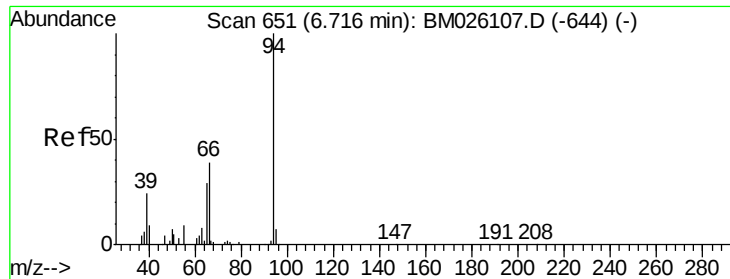
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration





#6

Phenol

Concen: 5.39 ng/ul

RT: 6.71 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM026117.D

Acq: 26 May 2020 16:54

Instrument :

BNA_M

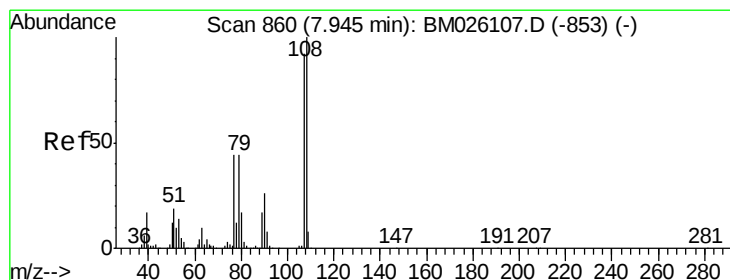
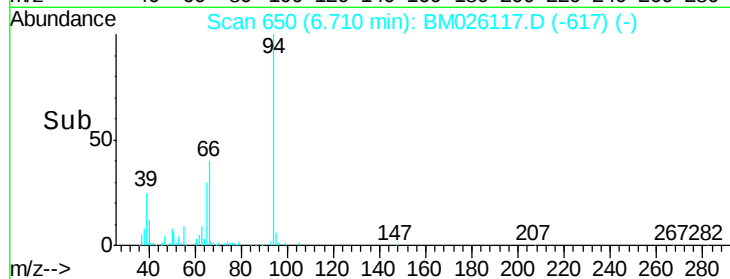
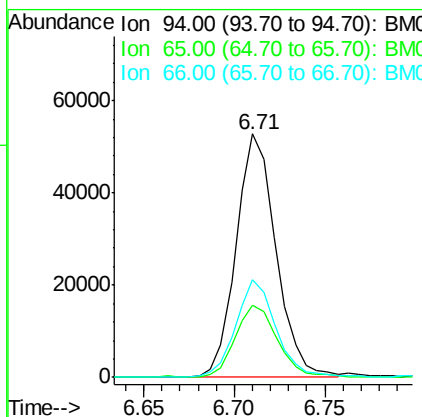
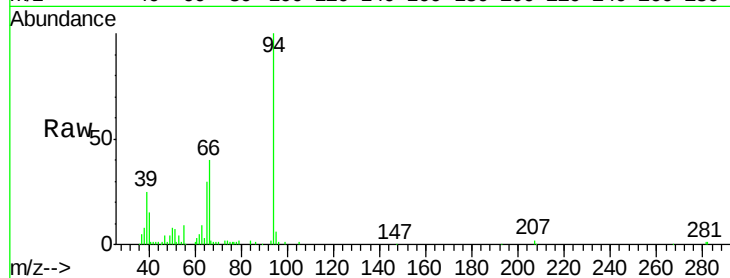
ClientSampleId :

F9B10DL

Tgt Ion:	94	Resp:	80714
Ion	Ratio	Lower	Upper
94	100		
65	29.5	25.8	38.8
66	40.1	33.3	49.9

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#11

2-Methylphenol

Concen: 25.47 ng/ul

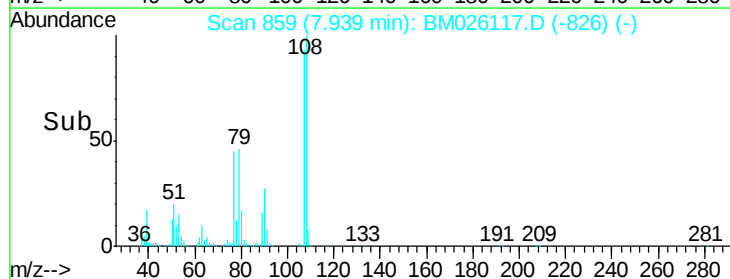
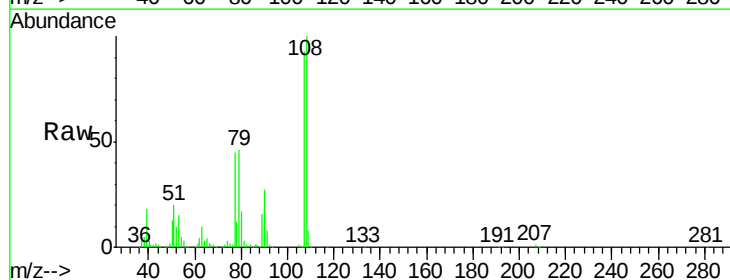
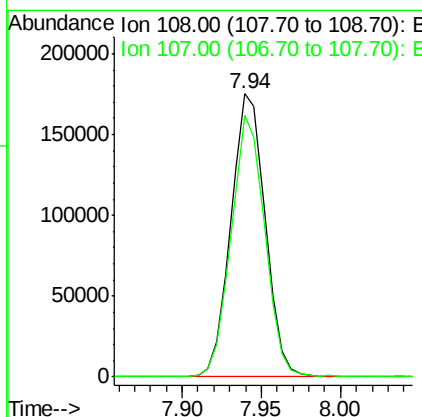
RT: 7.94 min Scan# 859

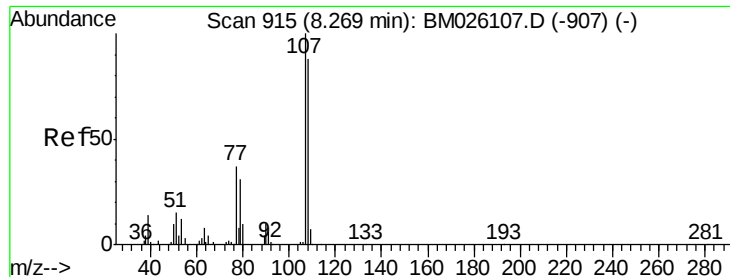
Delta R.T. -0.01 min

Lab File: BM026117.D

Acq: 26 May 2020 16:54

Tgt Ion:	108	Resp:	262999
Ion	Ratio	Lower	Upper
108	100		
107	92.6	72.3	108.5





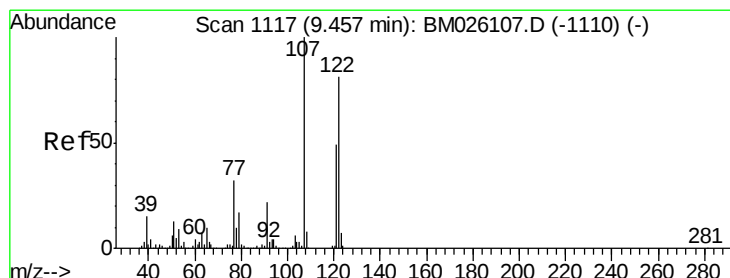
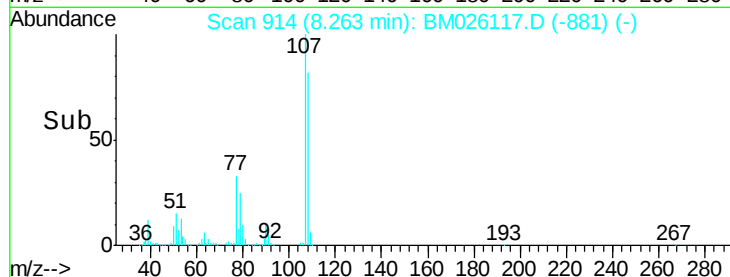
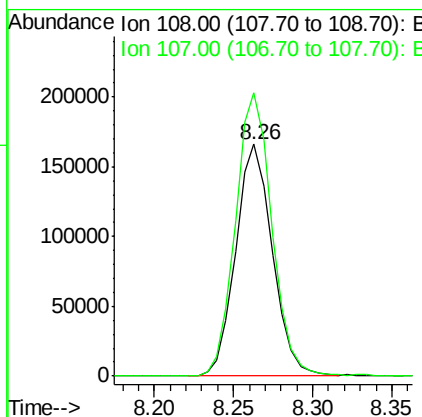
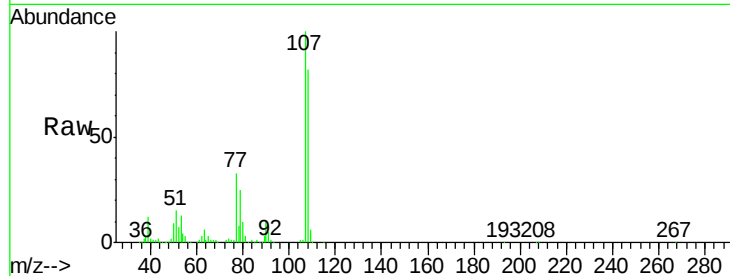
#16
4-Methylphenol
Concen: 23.79 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM026117.D
Acq: 26 May 2020 16:54

Instrument :
BNA_M
ClientSampleId :
F9B10DL

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	267170		
107	122.2	88.6	132.8	

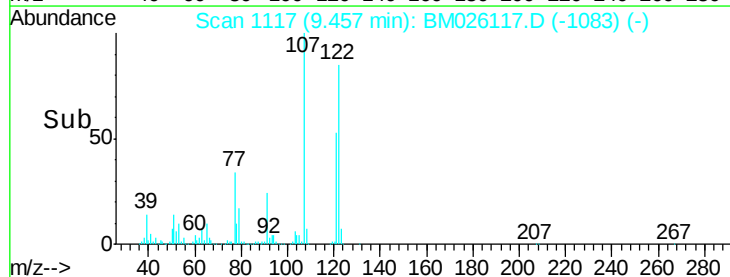
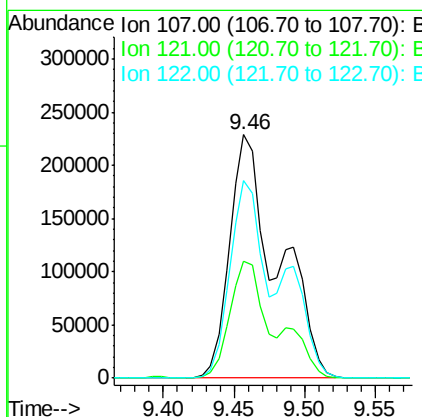
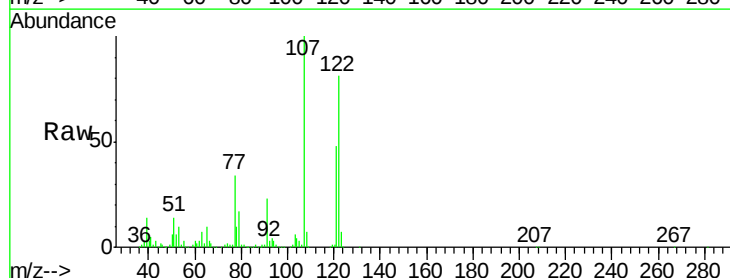
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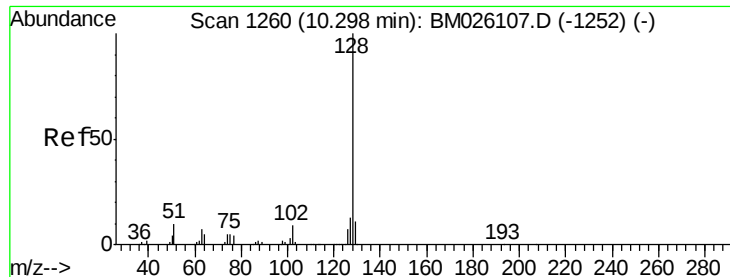
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#24
2,4-Dimethylphenol
Concen: 39.12 ng/ul m
RT: 9.46 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BM026117.D
Acq: 26 May 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	534899		
121	48.2	37.5	56.3	
122	81.0	63.8	95.6	





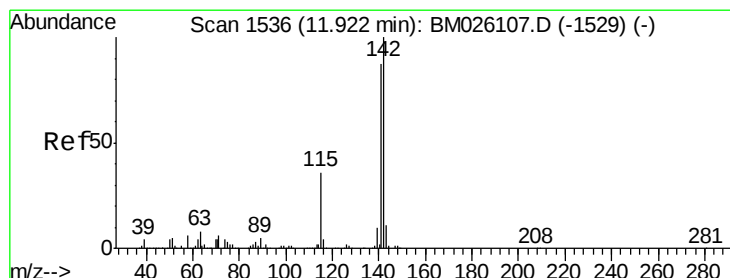
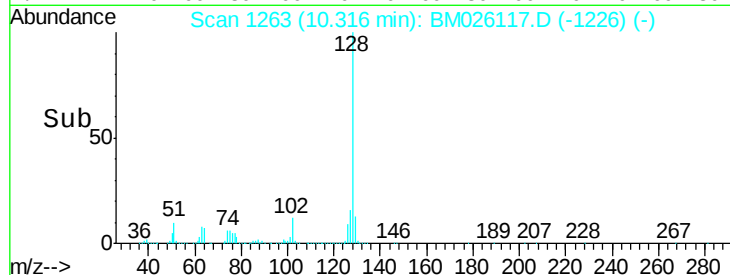
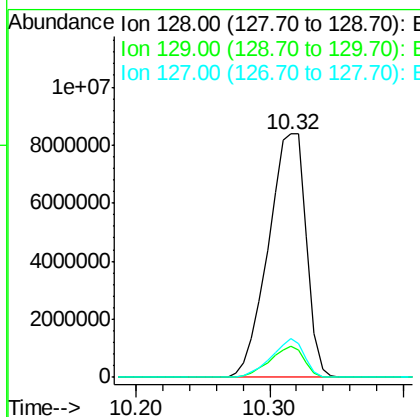
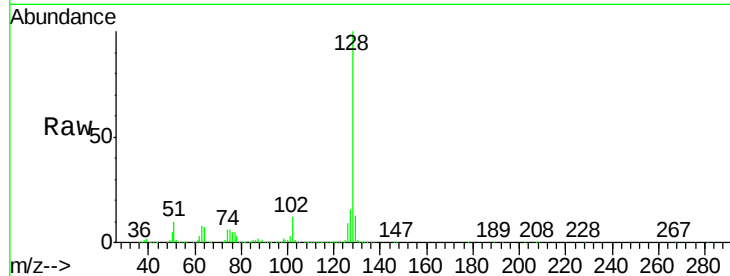
#28
Naphthalene
Concen: 445.36 ng/ul
RT: 10.32 min Scan# 1263
Delta R.T. 0.02 min
Lab File: BM026117.D
Acq: 26 May 2020 16:54

Instrument :
BNA_M
ClientSampleId :
F9B10DL

Tgt Ion:128 Resp:16627159
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.4
127 15.7 10.6 15.8

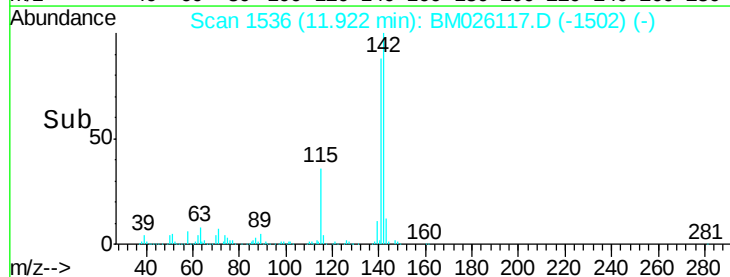
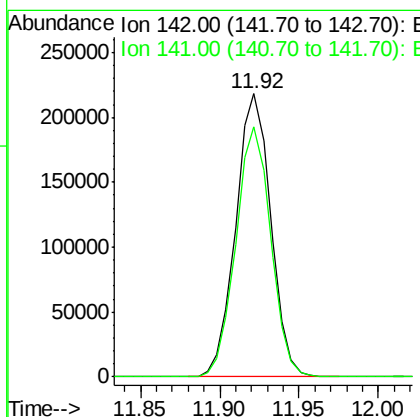
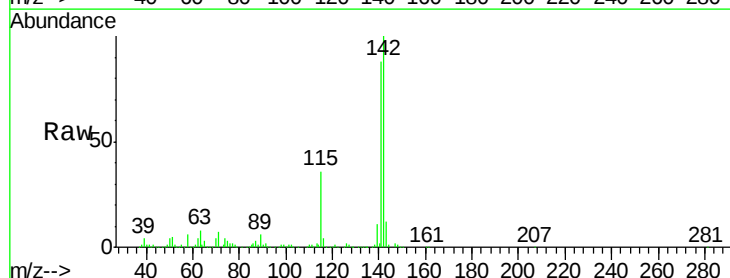
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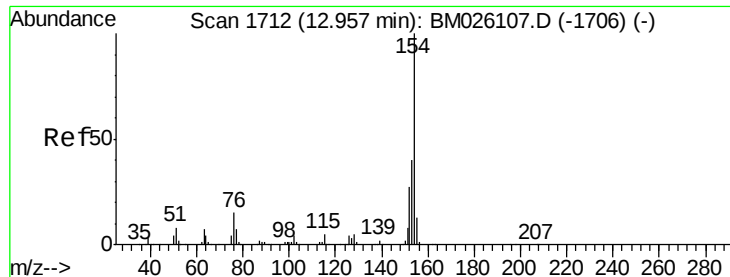
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#34
2-Methylnaphthalene
Concen: 13.35 ng/ul
RT: 11.92 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BM026117.D
Acq: 26 May 2020 16:54

Tgt Ion:142 Resp: 335225
Ion Ratio Lower Upper
142 100
141 88.2 71.8 107.6





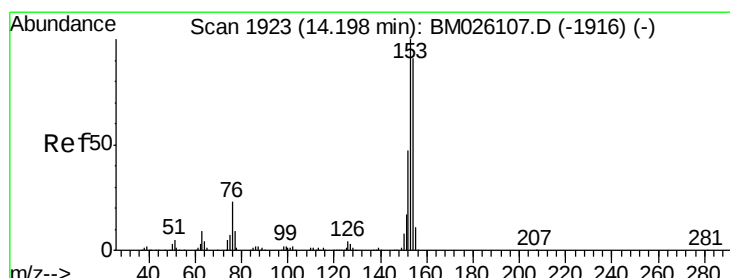
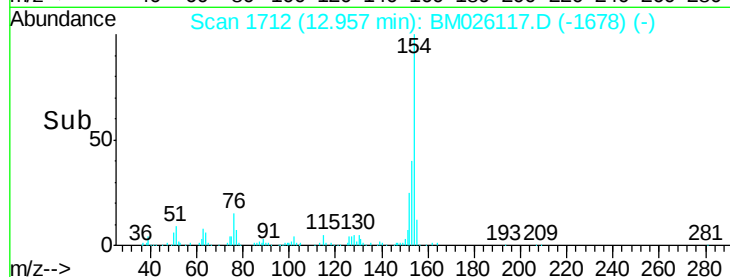
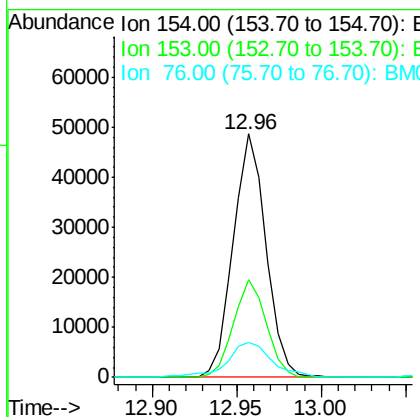
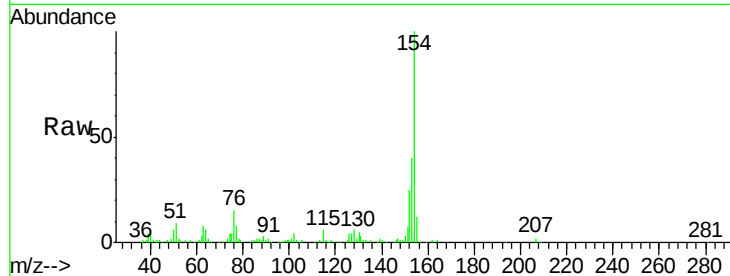
#41
 1,1'-Biphenyl
 Concen: 2.02 ng/ul
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM026117.D
 Acq: 26 May 2020 16:54

Instrument :
 BNA_M
 ClientSampleId :
 F9B10DL

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	65768		
153	40.0	32.3	48.5	
76	14.6	13.0	19.6	

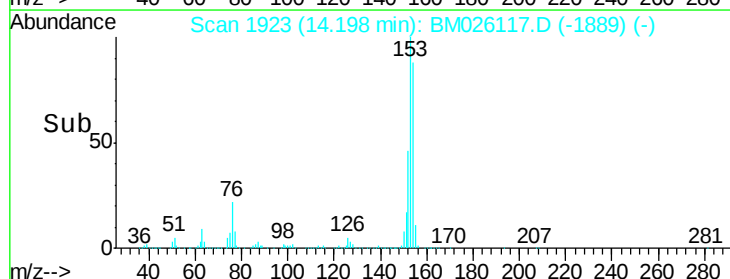
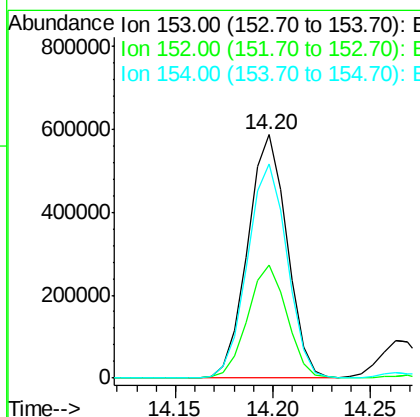
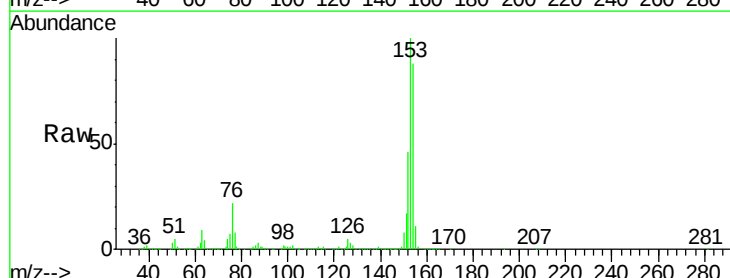
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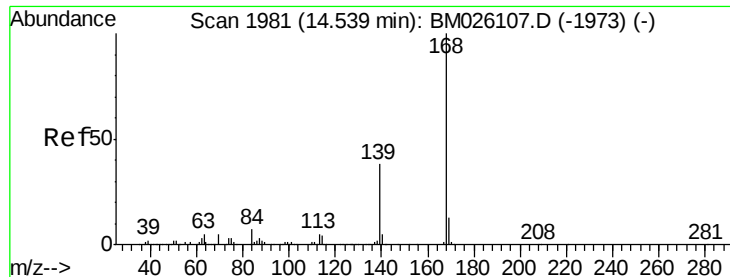
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#50
 Acenaphthene
 Concen: 30.38 ng/ul
 RT: 14.20 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BM026117.D
 Acq: 26 May 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	820863		
152	46.3	37.2	55.8	
154	88.0	69.8	104.8	





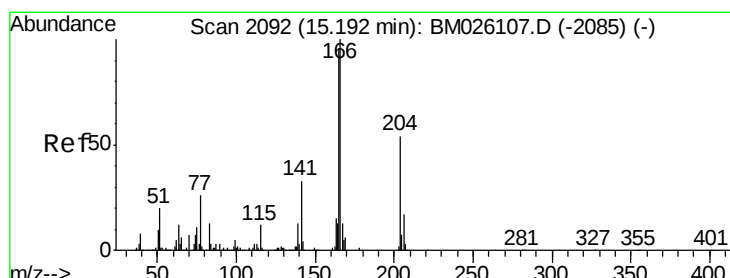
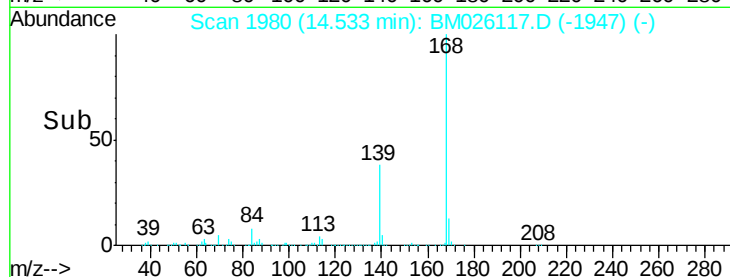
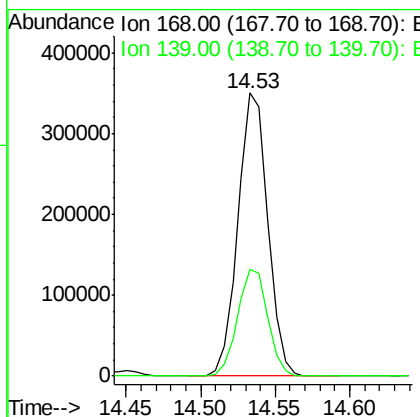
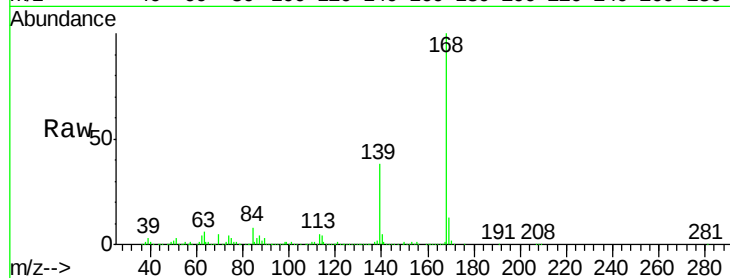
#54
Dibenzenofuran
Concen: 12.80 ng/ul
RT: 14.53 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM026117.D
Acq: 26 May 2020 16:54

Instrument :
BNA_M
ClientSampleId :
F9B10DL

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.7	46.1

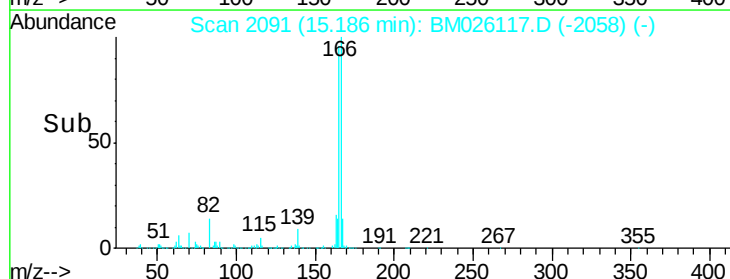
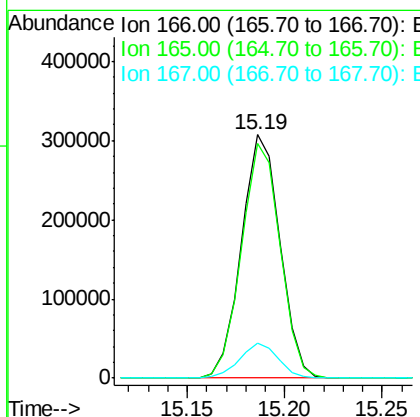
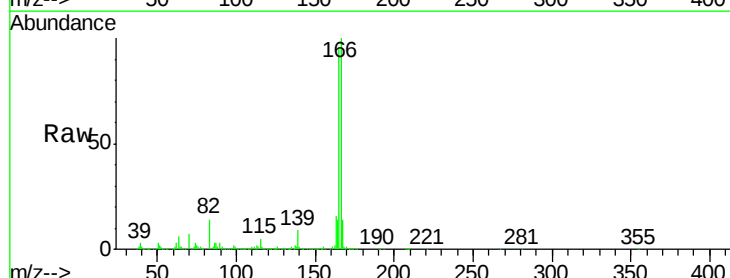
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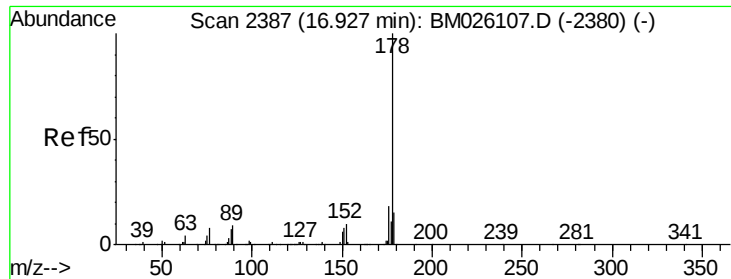
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#59
Fluorene
Concen: 13.69 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BM026117.D
Acq: 26 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.3	115.9
167	14.3	10.6	16.0





#70

Phenanthrene

Concen: 19.36 ng/ul

RT: 16.92 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM026117.D

Acq: 26 May 2020 16:54

Instrument :

BNA_M

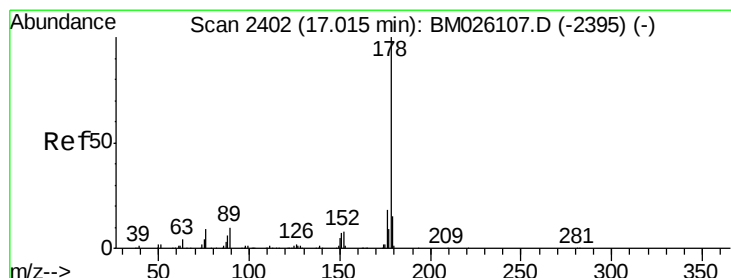
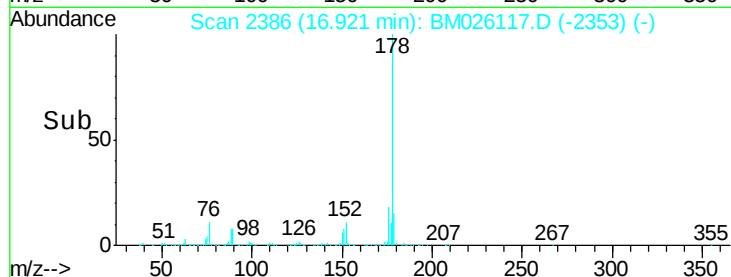
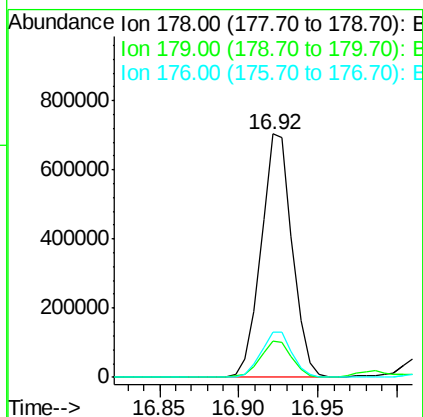
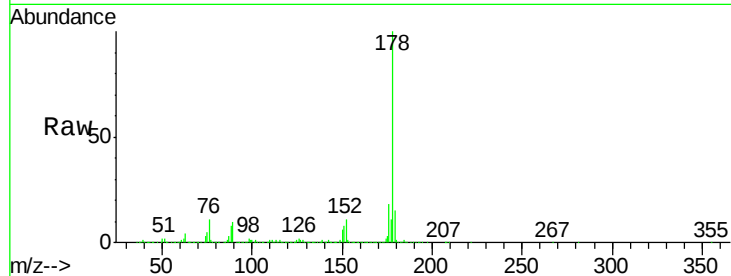
ClientSampleId :

F9B10DL

Tgt Ion:	178	Resp:	963098
Ion Ratio	Lower	Upper	
178	100		
179	15.1	11.9	17.9
176	18.4	14.9	22.3

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#72

Anthracene

Concen: 1.78 ng/ul

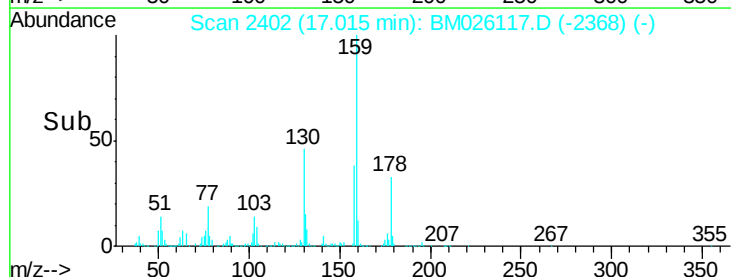
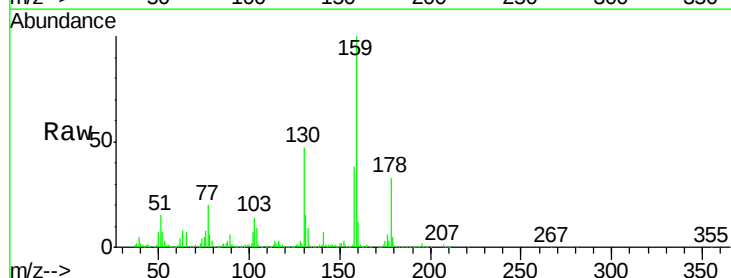
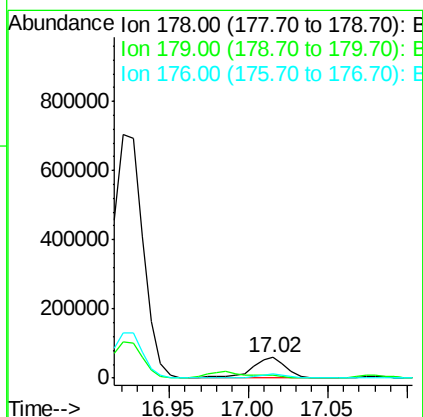
RT: 17.02 min Scan# 2402

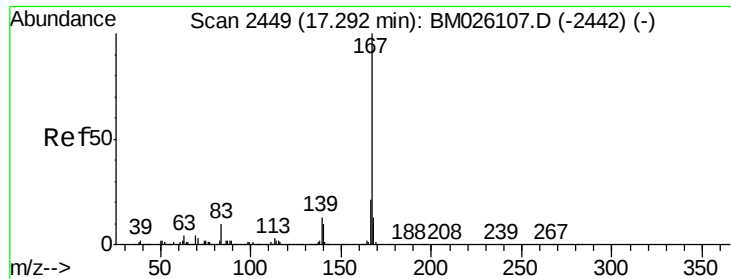
Delta R.T. 0.00 min

Lab File: BM026117.D

Acq: 26 May 2020 16:54

Tgt Ion:	178	Resp:	89100
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.2	18.4
176	18.5	14.9	22.3





#75

Carbazole

Concen: 28.93 ng/ul

RT: 17.29 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BM026117.D

Acq: 26 May 2020 16:54

Instrument :

BNA_M

ClientSampleId :

F9B10DL

Tgt Ion:167 Resp: 1194659

Ion Ratio Lower Upper

167 100

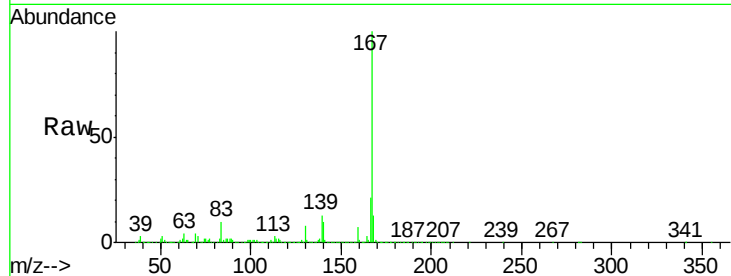
166 21.2 16.6 25.0

139 12.8 10.8 16.2

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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

1200000

1000000

800000

600000

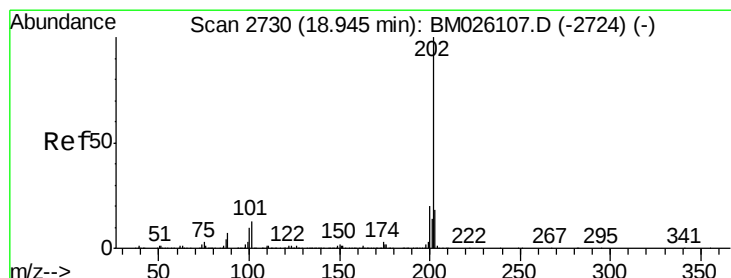
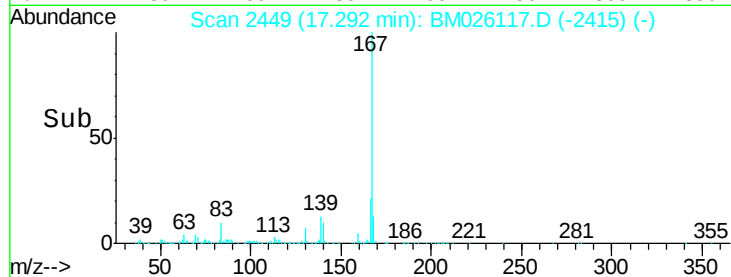
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200000

0

17.25 17.30 17.35

Time-->



#77

Fluoranthene

Concen: 4.48 ng/ul

RT: 18.94 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM026117.D

Acq: 26 May 2020 16:54

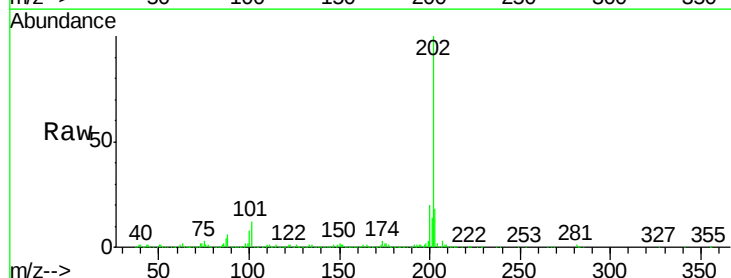
Tgt Ion:202 Resp: 233882

Ion Ratio Lower Upper

202 100

101 11.7 9.5 14.3

100 8.5 7.6 11.4



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

250000

200000

150000

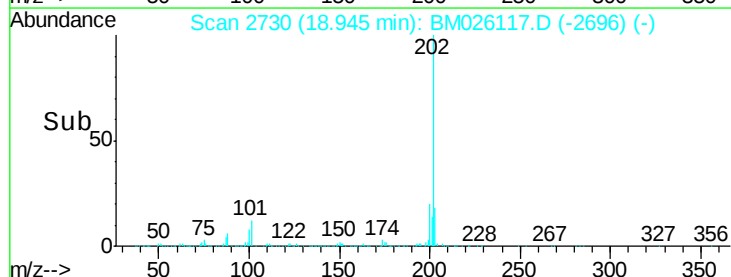
100000

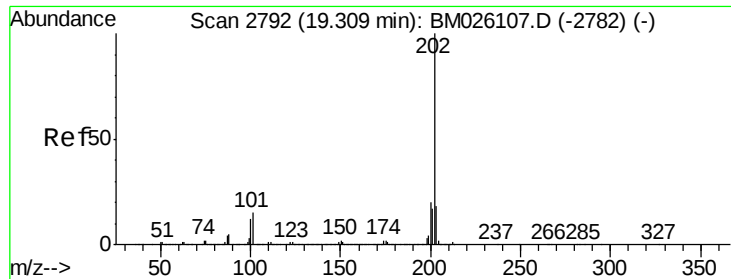
50000

0

18.90 18.95 19.00

Time-->





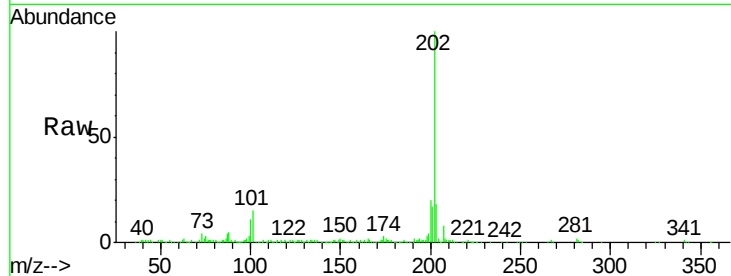
#80
 Pyrene
 Concen: 2.50 ng/ul
 RT: 19.31 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BM026117.D
 Acq: 26 May 2020 16:54

Instrument :
 BNA_M
 ClientSampleId :
 F9B10DL

Tgt	Ion	202	Resp	144299
Ion	Ratio	Lower	Upper	
202	100			
101	14.6	12.2	18.4	
100	11.5	10.2	15.4	

Manual Integrations
 APPROVED

mohammad
 5/27/2020 11:47:04 AM



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

