

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
 Data File : BM026109.D
 Acq On : 26 May 2020 12:00
 Operator : MA/SJ
 Sample : L2737-05DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F9B24DL

Manual Integrations
 APPROVED

mohammad
 5/27/2020 11:46:44 AM

Quant Time: May 26 12:39:44 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	144354	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	588451	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	346224	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	726148	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	752381	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	771806	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	4893	1.02	ng/uL	0.00
5) Phenol-d5	6.69	99	20680	1.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	60660	6.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	55002	5.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	37577	3.81	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	34004	7.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	33234	7.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	61421	6.45	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	211505	7.62	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	239581	7.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	6388	1.30	ng/ul	0.00
58) Fluorene-d10	15.13	176	185375	7.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	20365	4.81	ng/ul	0.00
71) Anthracene-d10	16.98	188	280650	7.84	ng/ul	0.00
79) Pyrene-d10	19.28	212	318597	8.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	319422	7.78	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.31	105	26097	1.58	ng/ul#	79
16) 4-Methylphenol	8.27	108	12443	1.13	ng/ul	90
28) Naphthalene	10.31	128	28036329m	779.24	ng/ul	
34) 2-Methylnaphthalene	11.92	142	1467098	60.62	ng/ul	98
41) 1,1'-Biphenyl	12.96	154	337097	10.97	ng/ul	98
50) Acenaphthene	14.20	153	1218710	47.85	ng/ul	98
54) Dibenzofuran	14.53	168	819422	22.89	ng/ul	98
59) Fluorene	15.19	166	550881	19.03	ng/ul	99
70) Phenanthrene	16.92	178	723810	15.82	ng/ul	99
72) Anthracene	17.01	178	60751	1.32	ng/ul	98
75) Carbazole	17.29	167	1907854	50.25	ng/ul	99
77) Fluoranthene	18.94	202	92069	1.92	ng/ul	98
80) Pyrene	19.31	202	90569	1.71	ng/ul	97

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

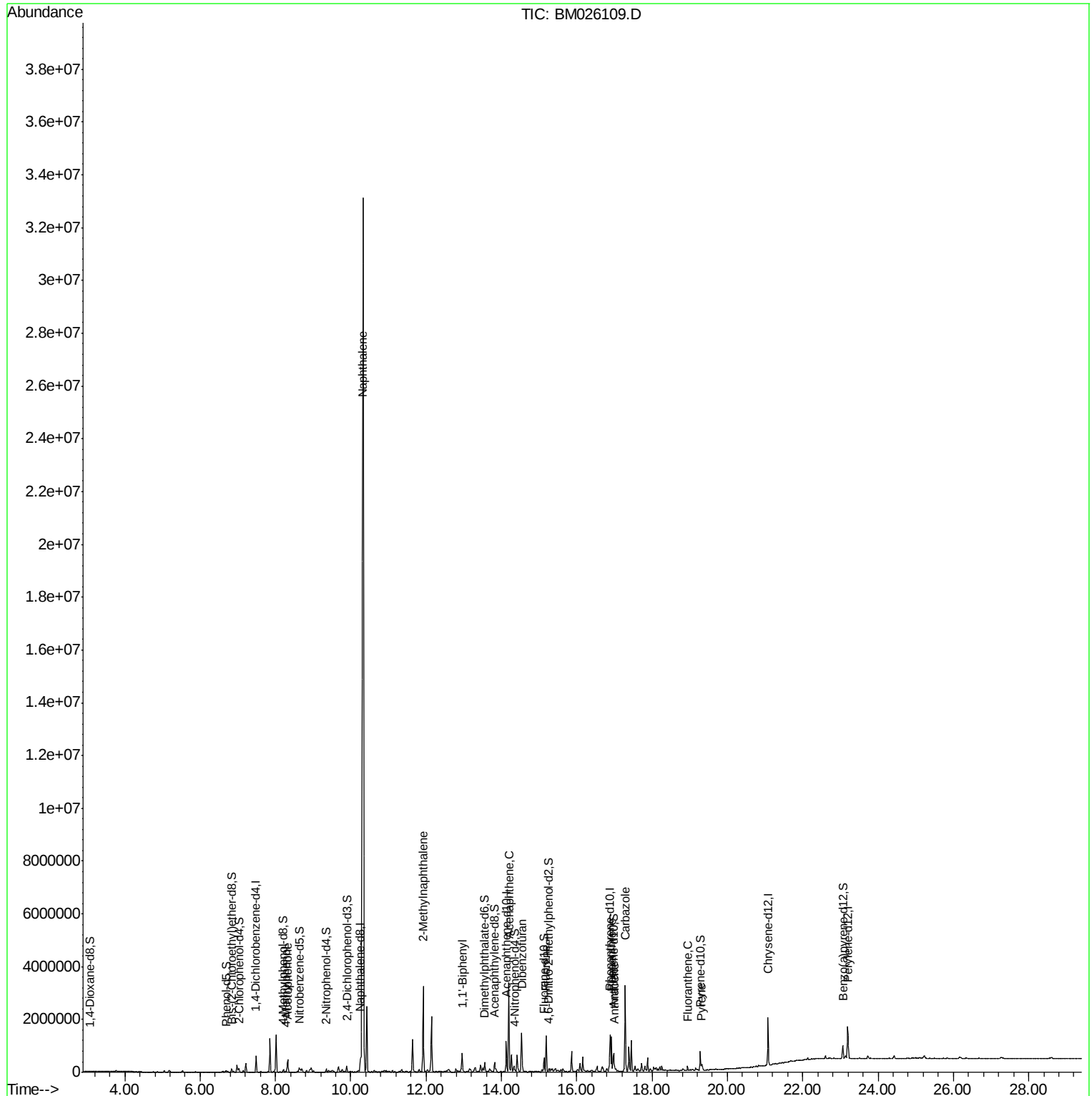
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026109.D
Acq On : 26 May 2020 12:00
Operator : MA/SJ
Sample : L2737-05DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

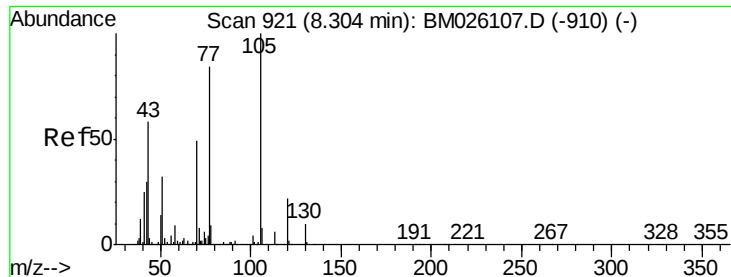
Instrument :
BNA_M
ClientSampleId :
F9B24DL

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Quant Time: May 26 12:39:44 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





#14

Acetophenone

Concen: 1.58 ng/ul

RT: 8.31 min Scan# 922

Delta R.T. 0.01 min

Lab File: BM026109.D

Acq: 26 May 2020 12:00

Instrument :

BNA_M

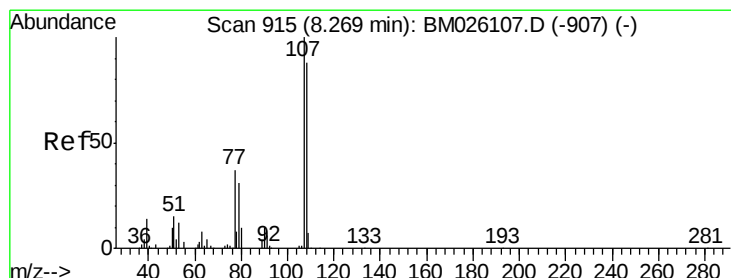
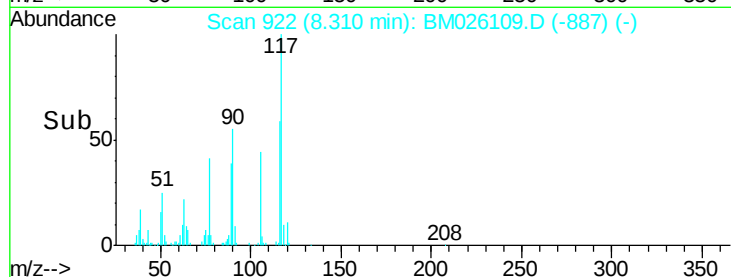
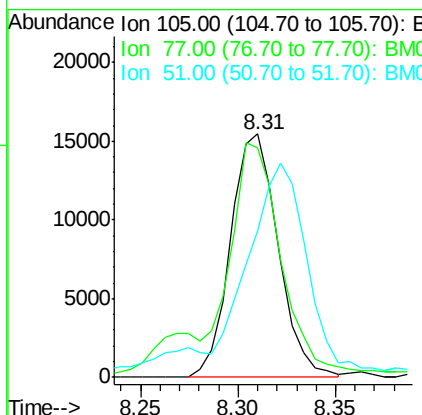
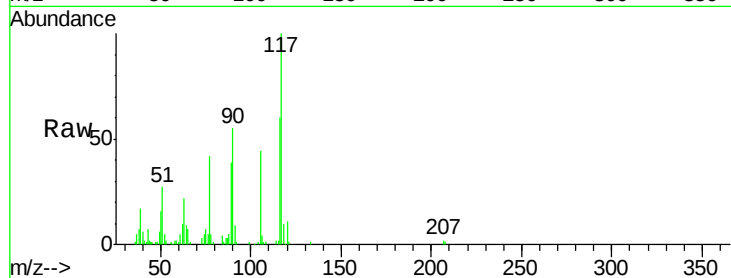
ClientSampleId :

F9B24DL

Tgt Ion:	105	Resp:	26097
Ion Ratio	Lower	Upper	
105	100		
77	94.0	67.2	100.8
51	60.0	27.4	41.0#

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#16

4-Methylphenol

Concen: 1.13 ng/ul

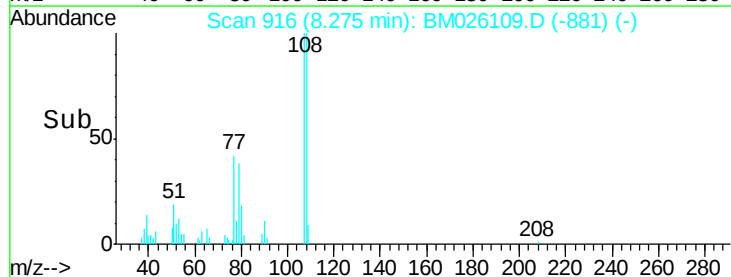
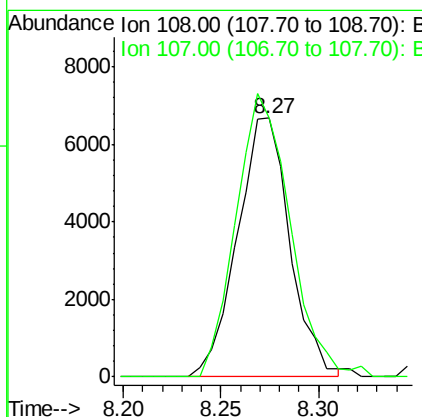
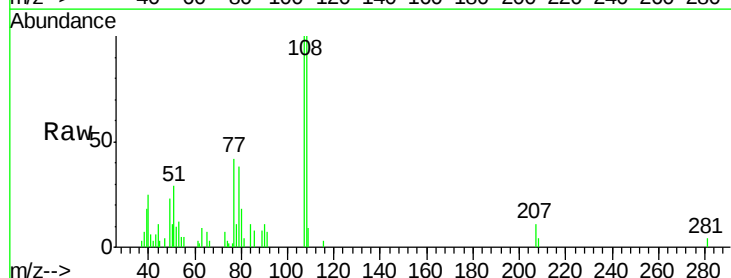
RT: 8.27 min Scan# 916

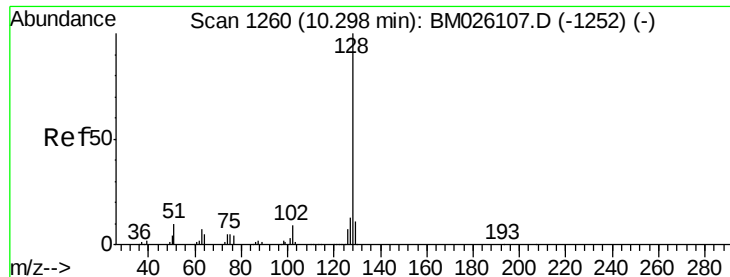
Delta R.T. 0.01 min

Lab File: BM026109.D

Acq: 26 May 2020 12:00

Tgt Ion:	108	Resp:	12443
Ion Ratio	Lower	Upper	
108	100		
107	100.0	88.6	132.8





#28

Naphthalene

Concen: 779.24 ng/ul m

RT: 10.31 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BM026109.D

Acq: 26 May 2020 12:00

Instrument :

BNA_M

ClientSampled :

F9B24DL

Tgt Ion:128 Resp:28036329

Ion Ratio Lower Upper

128 100

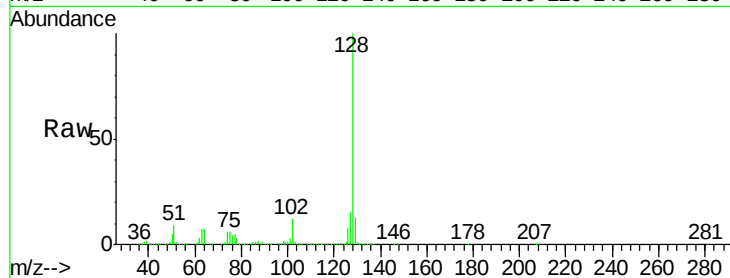
129 12.6 9.0 13.4

127 14.7 10.6 15.8

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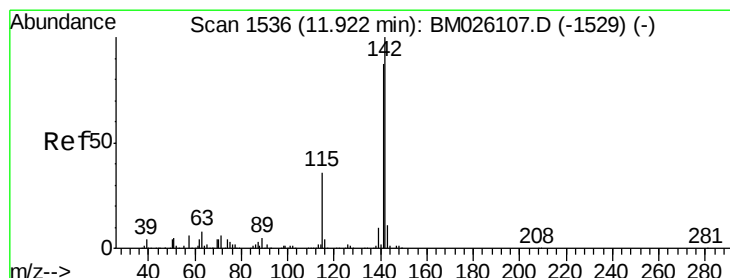
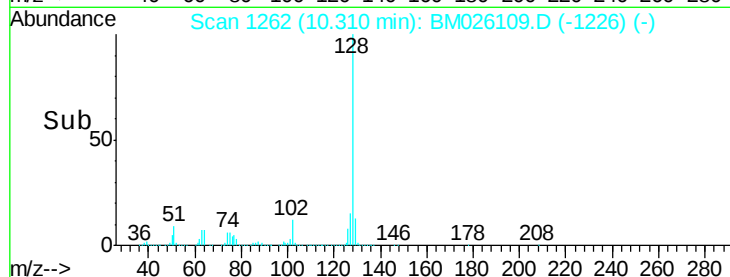
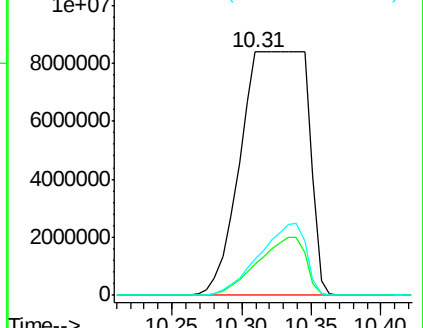
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 60.62 ng/ul

RT: 11.92 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BM026109.D

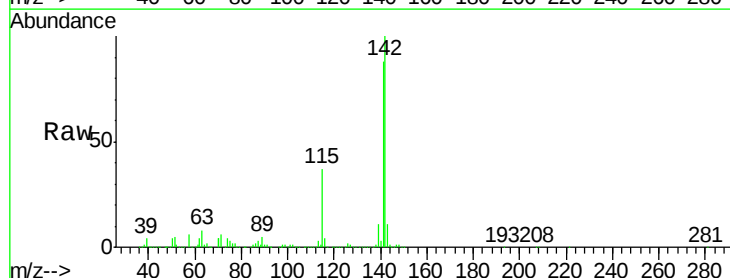
Acq: 26 May 2020 12:00

Tgt Ion:142 Resp: 1467098

Ion Ratio Lower Upper

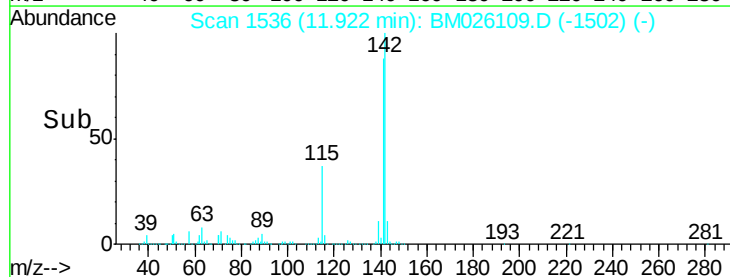
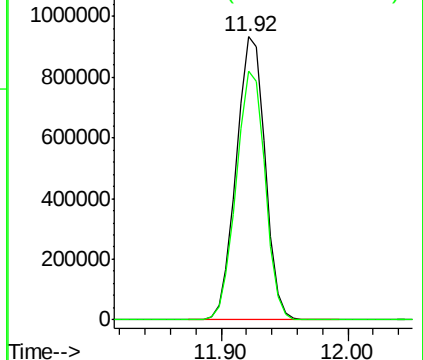
142 100

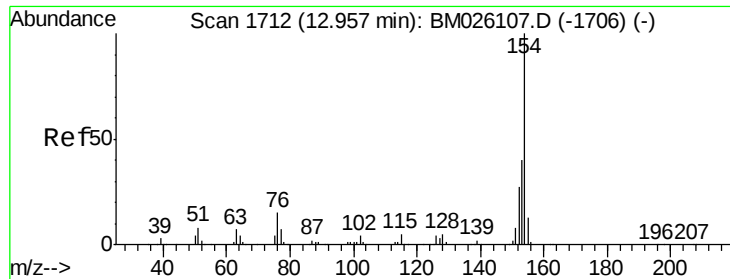
141 87.8 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





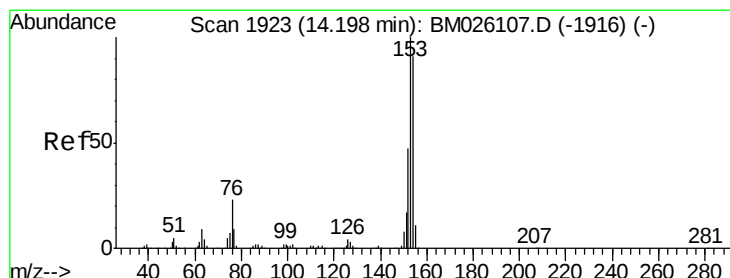
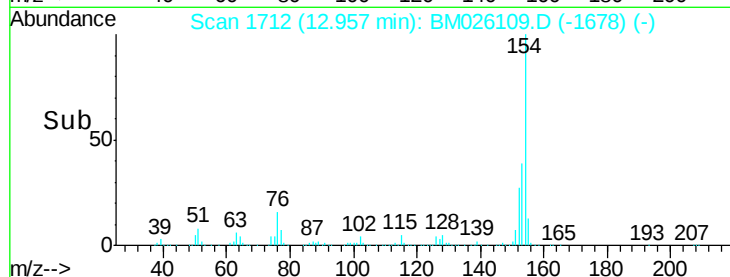
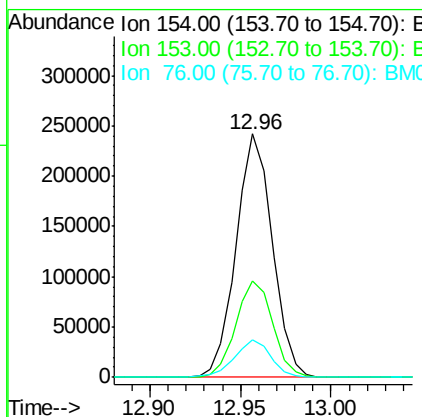
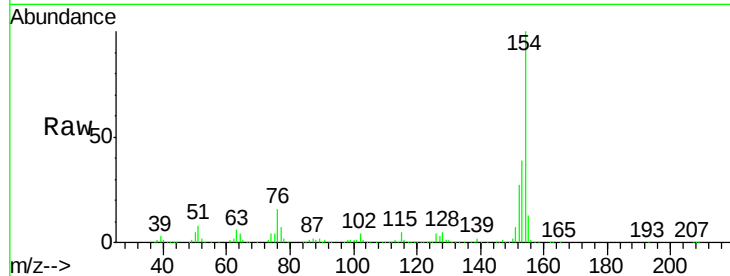
#41
 1,1'-Biphenyl
 Concen: 10.97 ng/ul
 RT: 12.96 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM026109.D
 Acq: 26 May 2020 12:00

Instrument :
 BNA_M
 ClientSampleId :
 F9B24DL

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	337097		
153	39.3	32.3	48.5	
76	15.6	13.0	19.6	

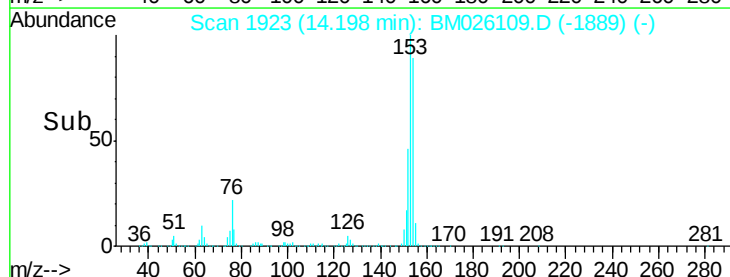
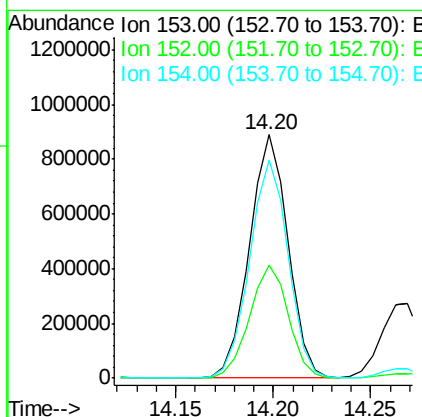
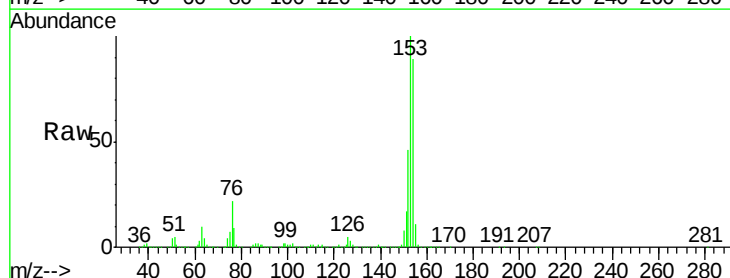
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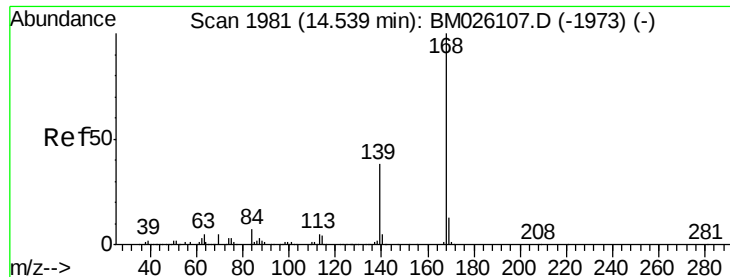
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#50
 Acenaphthene
 Concen: 47.85 ng/ul
 RT: 14.20 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BM026109.D
 Acq: 26 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	1218710		
152	46.3	37.2	55.8	
154	89.4	69.8	104.8	





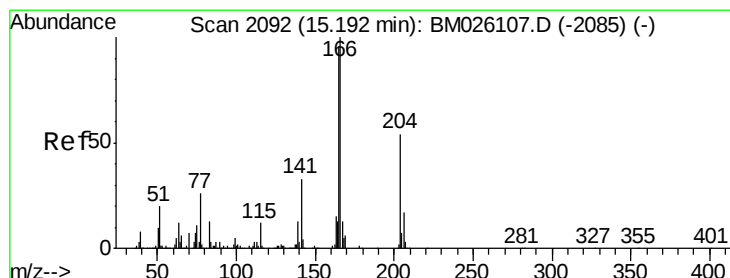
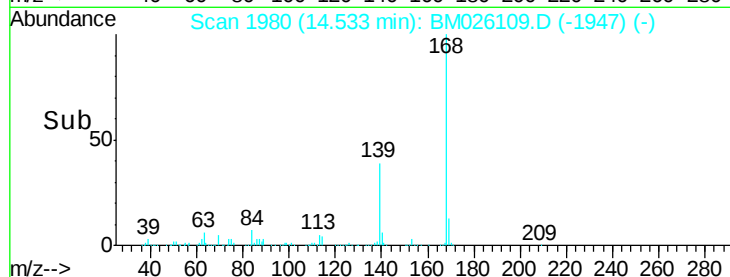
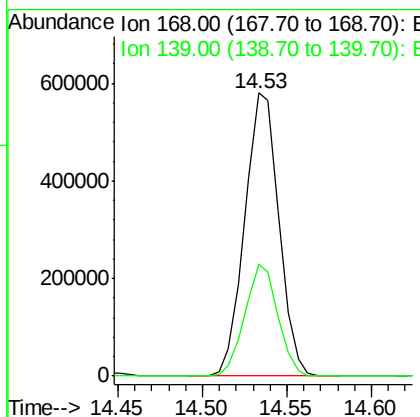
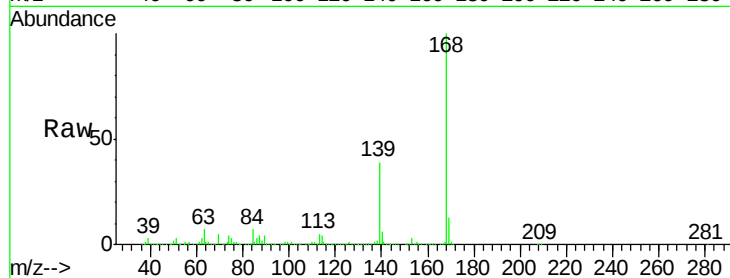
#54
Dibenzenofuran
Concen: 22.89 ng/ul
RT: 14.53 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM026109.D
Acq: 26 May 2020 12:00

Instrument :
BNA_M
ClientSampleId :
F9B24DL

Tgt Ion:168 Resp: 819422
Ion Ratio Lower Upper
168 100
139 39.4 30.7 46.1

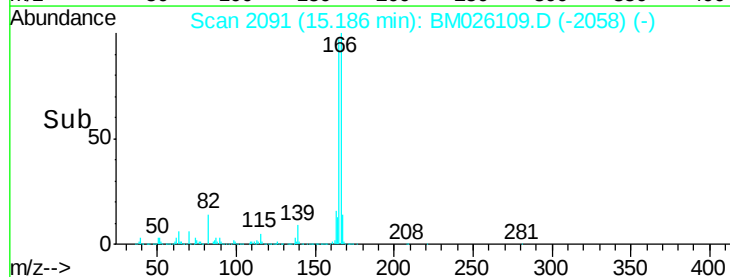
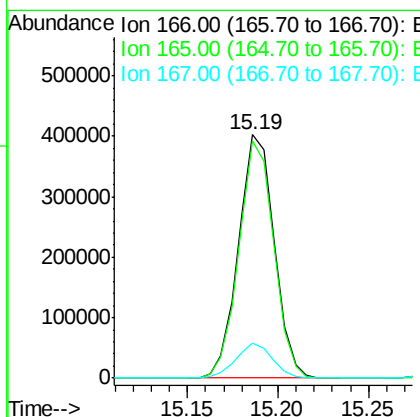
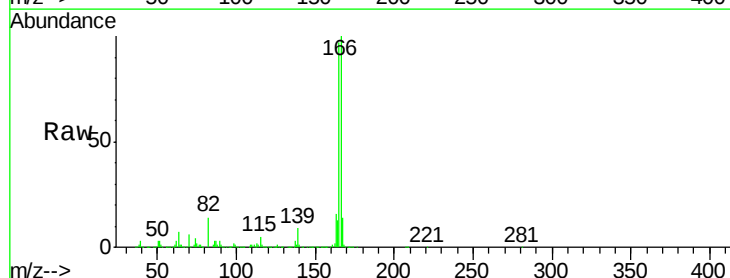
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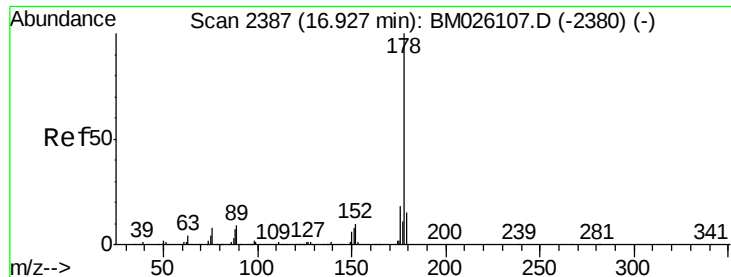
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#59
Fluorene
Concen: 19.03 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BM026109.D
Acq: 26 May 2020 12:00

Tgt Ion:166 Resp: 550881
Ion Ratio Lower Upper
166 100
165 97.4 77.3 115.9
167 14.4 10.6 16.0





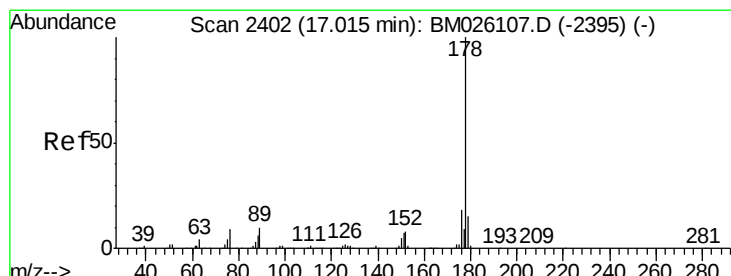
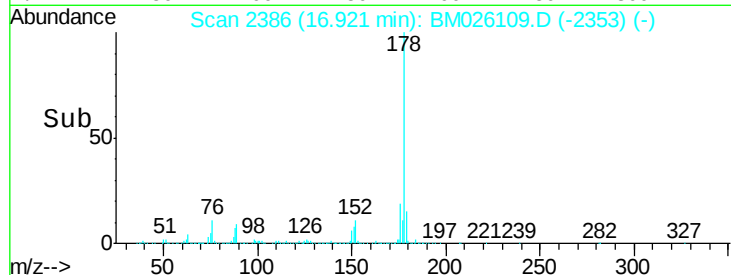
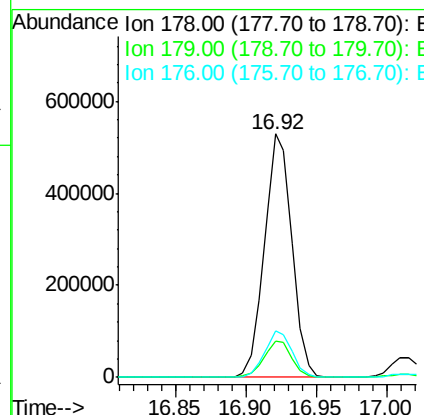
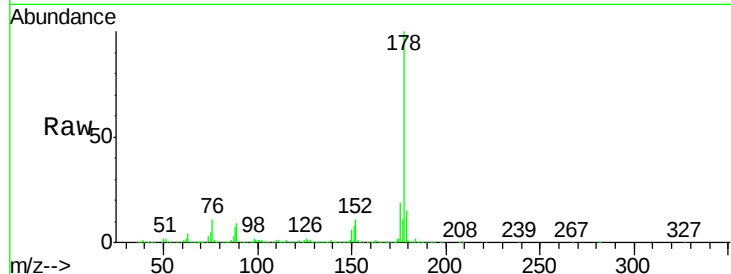
#70
Phenanthrene
Concen: 15.82 ng/ul
RT: 16.92 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM026109.D
Acq: 26 May 2020 12:00

Instrument :
BNA_M
ClientSampleId :
F9B24DL

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	723810		
179	15.1	11.9	17.9	
176	18.8	14.9	22.3	

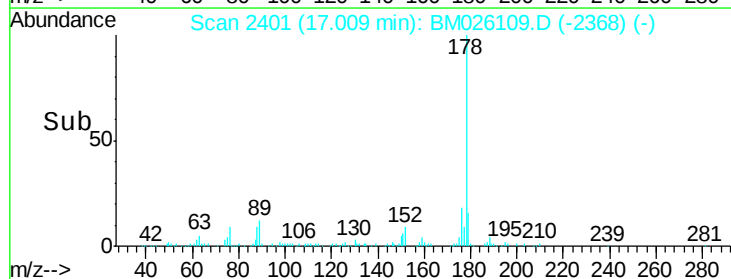
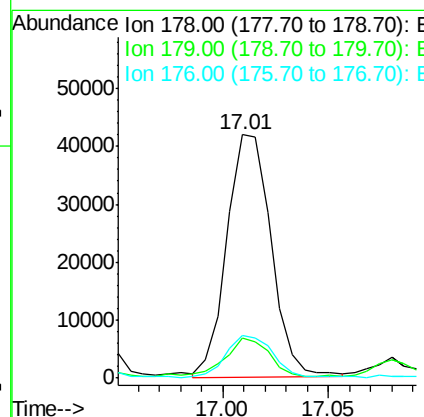
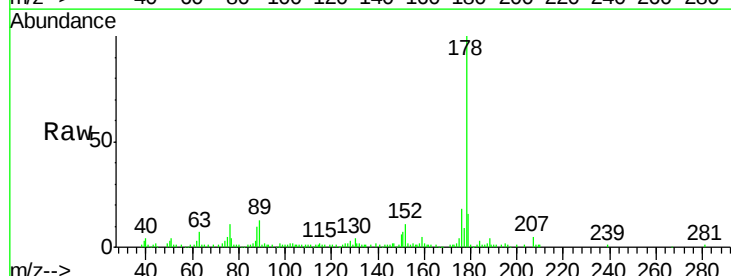
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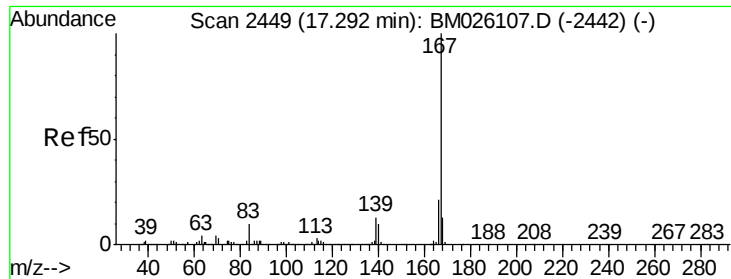
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#72
Anthracene
Concen: 1.32 ng/ul
RT: 17.01 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM026109.D
Acq: 26 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	60751		
179	16.2	12.2	18.4	
176	17.6	14.9	22.3	





#75

Carbazole

Concen: 50.25 ng/ul

RT: 17.29 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BM026109.D

Acq: 26 May 2020 12:00

Instrument :

BNA_M

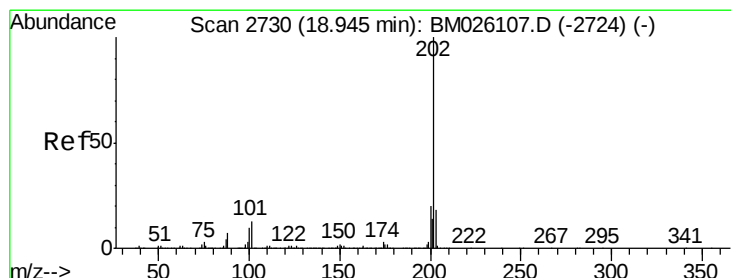
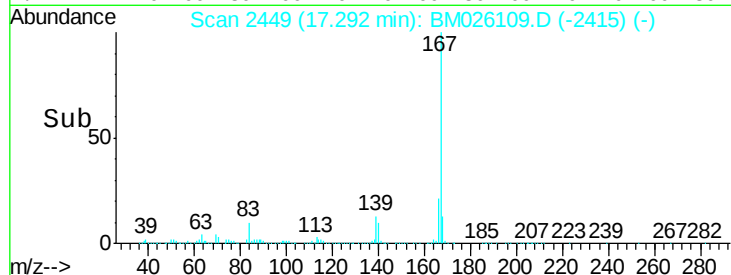
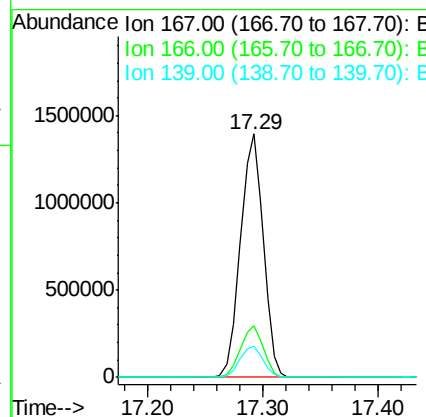
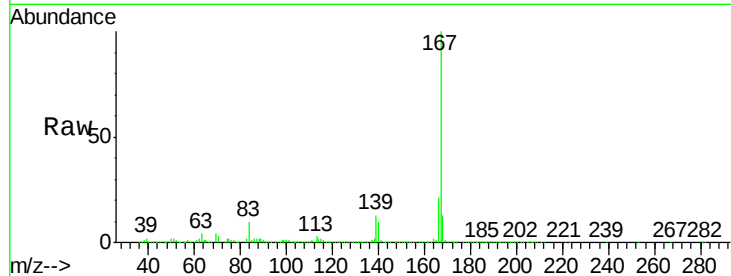
ClientSampleId :

F9B24DL

Tgt Ion:	167	Resp:	1907854
Ion Ratio	Lower	Upper	
167	100		
166	20.9	16.6	25.0
139	12.9	10.8	16.2

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#77

Fluoranthene

Concen: 1.92 ng/ul

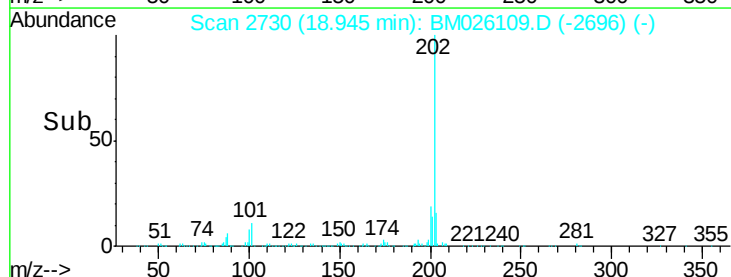
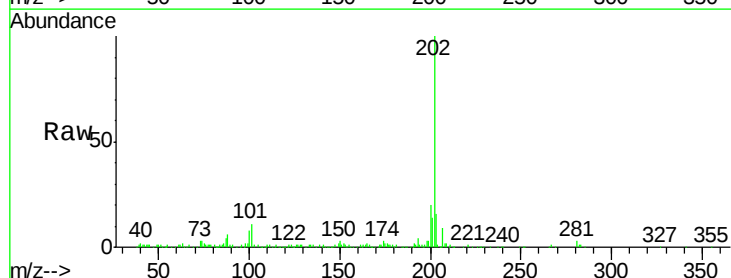
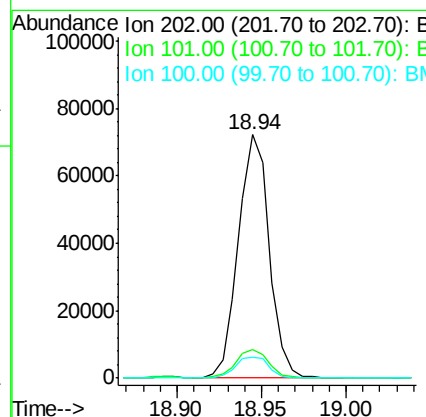
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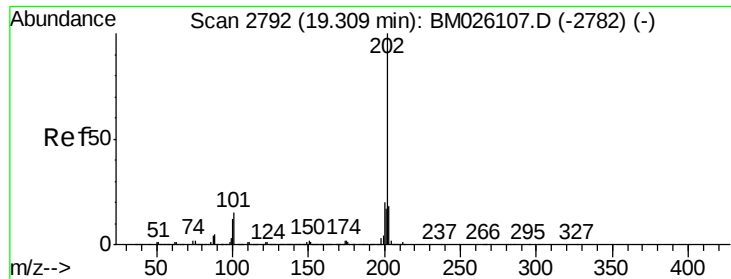
Delta R.T. -0.00 min

Lab File: BM026109.D

Acq: 26 May 2020 12:00

Tgt Ion:	202	Resp:	92069
Ion Ratio	Lower	Upper	
202	100		
101	11.5	9.5	14.3
100	8.4	7.6	11.4





#80
 Pyrene
 Concen: 1.71 ng/ul
 RT: 19.31 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BM026109.D
 Acq: 26 May 2020 12:00

Instrument :
 BNA_M
 ClientSampleId :
 F9B24DL

Tgt Ion:	202	Resp:	90569
Ion Ratio	Lower	Upper	
202	100		
101	16.4	12.2	18.4
100	11.8	10.2	15.4

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