

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
 Data File : BM026120.D
 Acq On : 26 May 2020 18:45
 Operator : MA/SJ
 Sample : L2737-01DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B03DL

Quant Time: May 27 04:15:55 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	146216	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	603470	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	358334	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	759164	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	795785	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	833085	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	11031	2.28	ng/uL	0.00
5) Phenol-d5	6.69	99	49655	3.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	132793	14.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	127708	12.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	89989	9.00	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	73462	14.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	74998	15.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	143146	14.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	12856	1.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	492979	17.16	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	548111	16.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	14543	2.86	ng/ul	0.00
58) Fluorene-d10	15.13	176	424171	16.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	57879	13.08	ng/ul	0.00
71) Anthracene-d10	16.98	188	656004	17.54	ng/ul	0.00
79) Pyrene-d10	19.28	212	749516	18.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	786984	17.75	ng/ul	0.00

Target Compounds

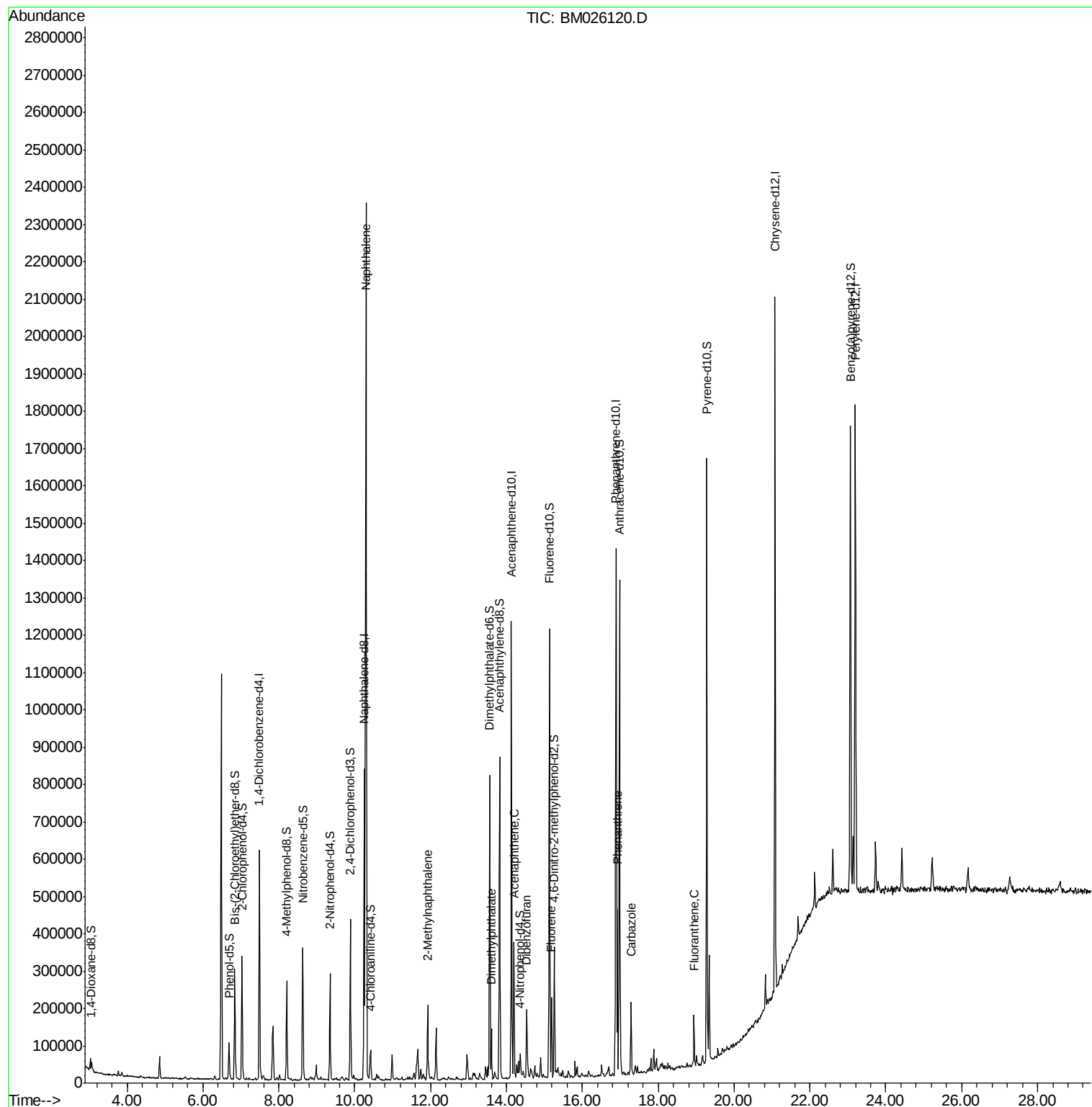
						Qvalue
28) Naphthalene	10.30	128	1745700	47.31	ng/ul	100
34) 2-Methylnaphthalene	11.92	142	90783	3.66	ng/ul	97
45) Dimethylphthalate	13.60	163	77590	2.57	ng/ul	98
50) Acenaphthene	14.20	153	136411	5.18	ng/ul	97
54) Dibenzofuran	14.53	168	104975	2.83	ng/ul	99
59) Fluorene	15.19	166	85231	2.84	ng/ul	98
70) Phenanthrene	16.92	178	238886	5.00	ng/ul	99
75) Carbazole	17.29	167	110892	2.79	ng/ul	99
77) Fluoranthene	18.94	202	70803	1.41	ng/ul	99

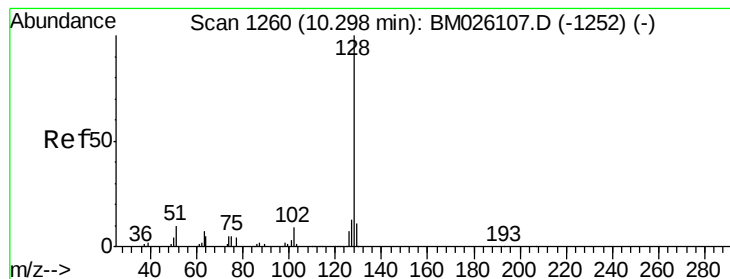
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 47.31 ng/ul

RT: 10.30 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BM026120.D

Acq: 26 May 2020 18:45

Instrument :

BNA_M

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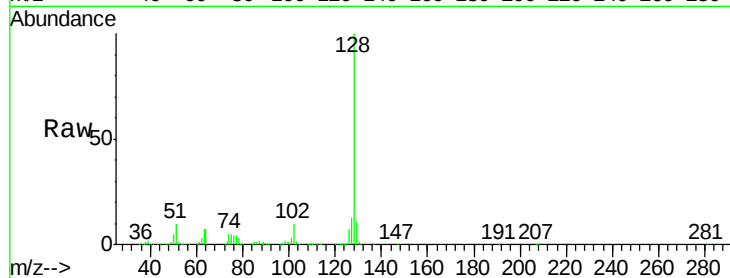
Tgt Ion:128 Resp: 1745700

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

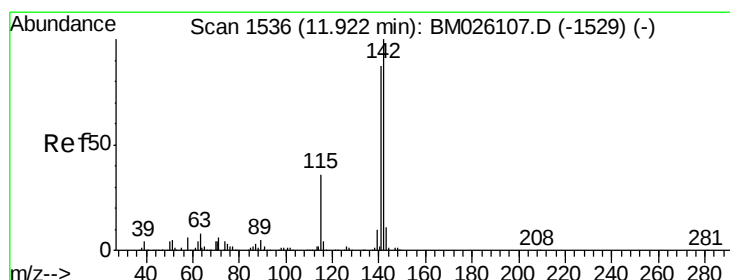
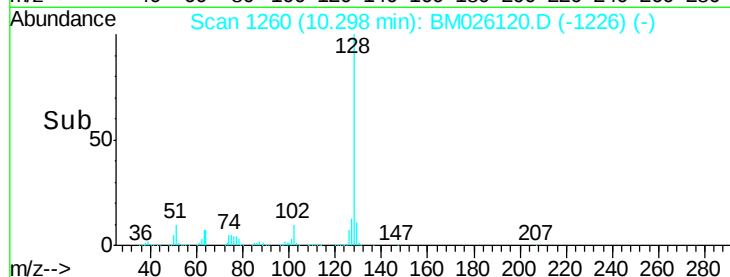
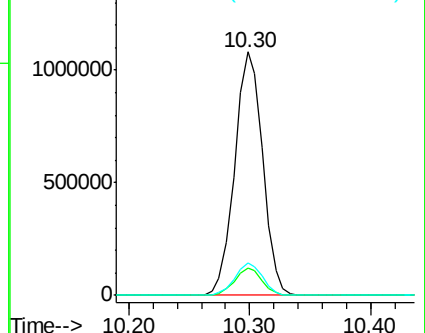
127 13.1 10.6 15.8



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: 3.66 ng/ul

RT: 11.92 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM026120.D

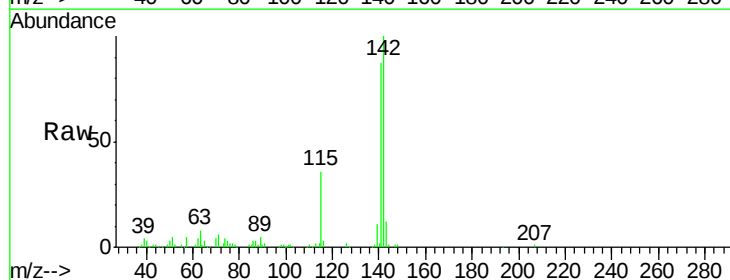
Acq: 26 May 2020 18:45

Tgt Ion:142 Resp: 90783

Ion Ratio Lower Upper

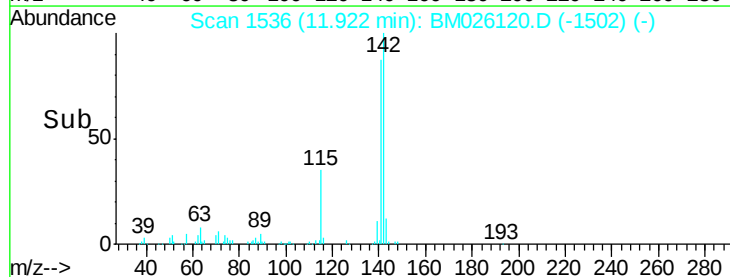
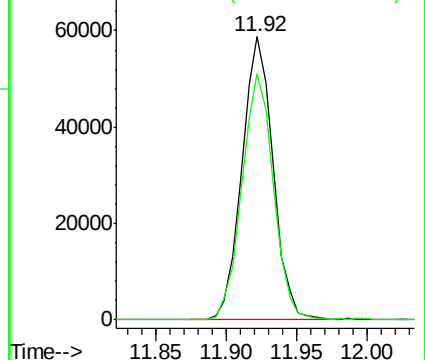
142 100

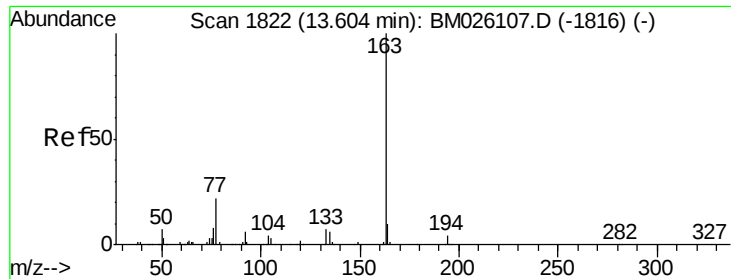
141 86.9 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

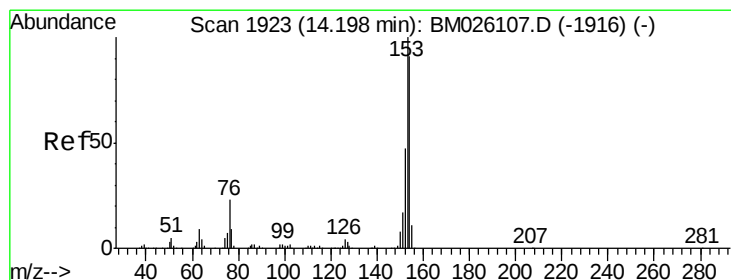
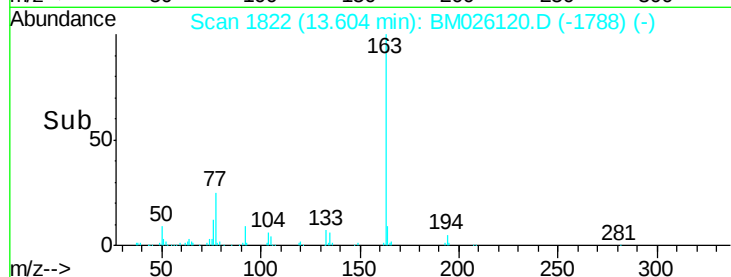
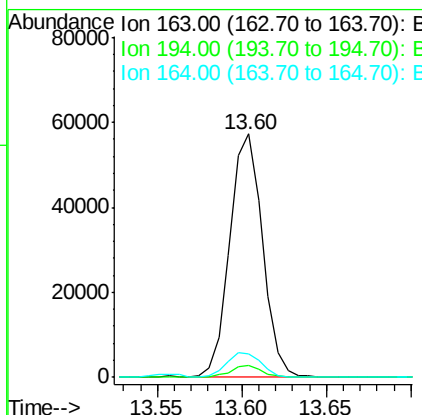
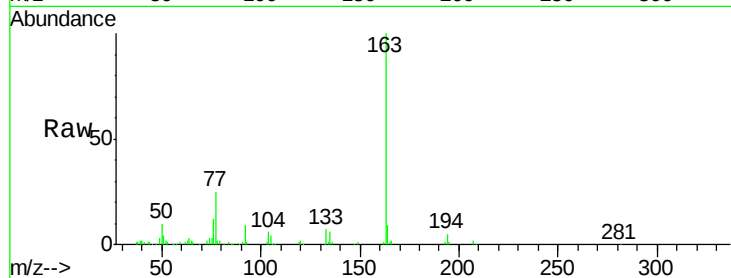




#45
Dimethylphthalate
Concen: 2.57 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM026120.D
Acq: 26 May 2020 18:45

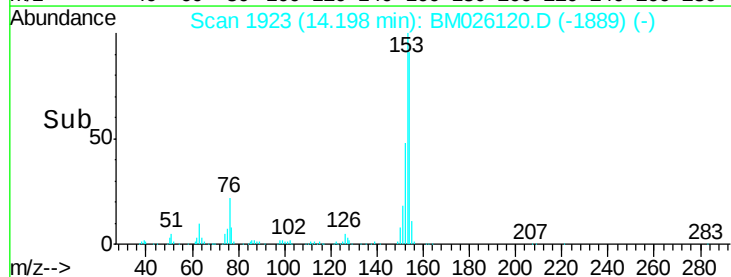
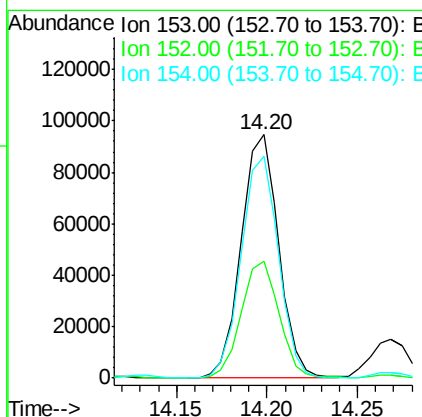
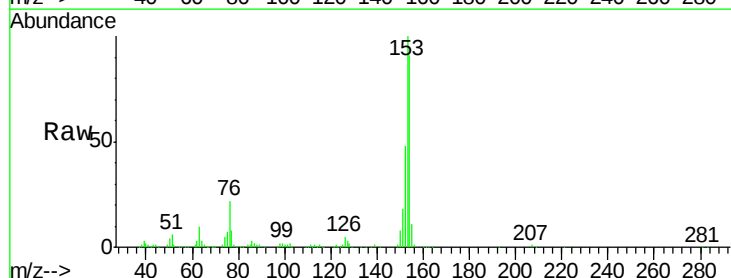
Instrument :
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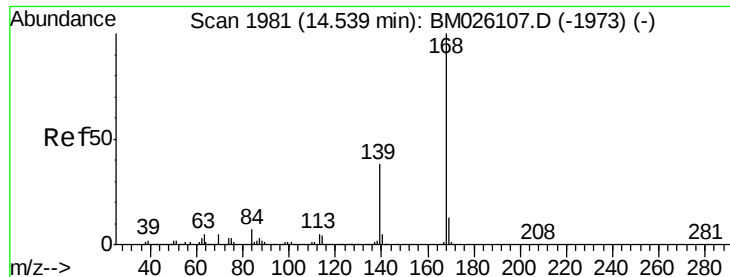
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.2	4.8
164	9.5	8.0	12.0



#50
Acenaphthene
Concen: 5.18 ng/ul
RT: 14.20 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BM026120.D
Acq: 26 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.2	37.2	55.8
154	90.9	69.8	104.8





#54

Dibenzenofuran

Concen: 2.83 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM026120.D

Acq: 26 May 2020 18:45

Instrument :

BNA_M

ClientSampleId :

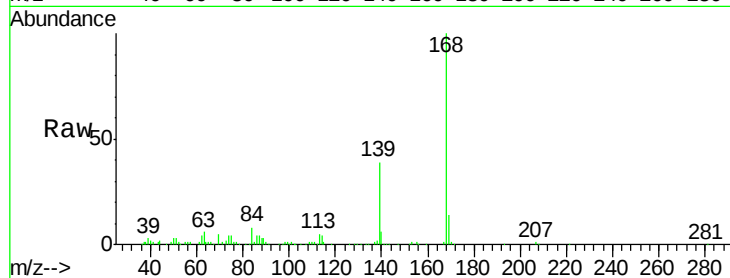
F9B03DL

Tgt Ion:168 Resp: 104975

Ion Ratio Lower Upper

168 100

139 38.9 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.53

80000

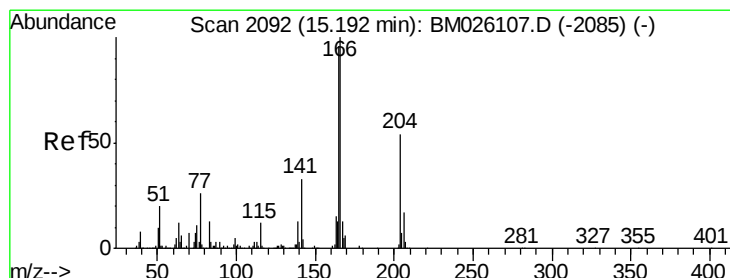
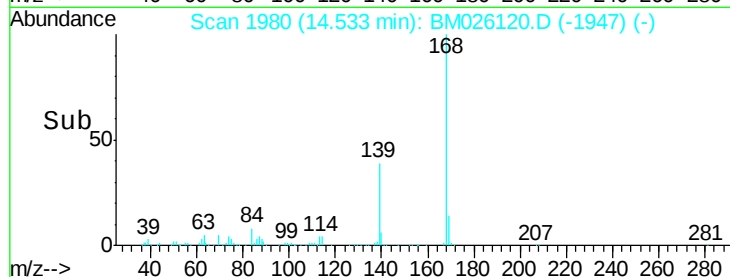
60000

40000

20000

0

Time--> 14.45 14.50 14.55 14.60



#59

Fluorene

Concen: 2.84 ng/ul

RT: 15.19 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BM026120.D

Acq: 26 May 2020 18:45

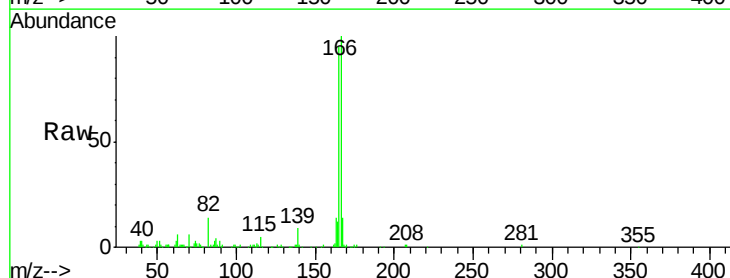
Tgt Ion:166 Resp: 85231

Ion Ratio Lower Upper

166 100

165 94.8 77.3 115.9

167 14.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.19

80000

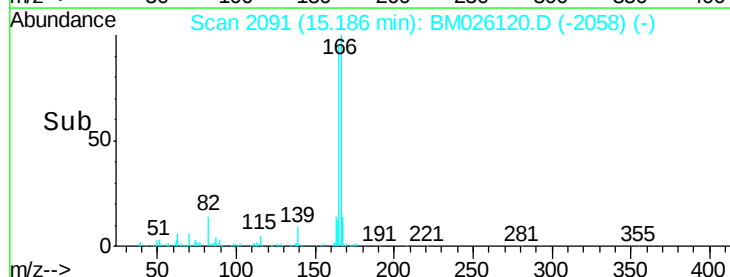
60000

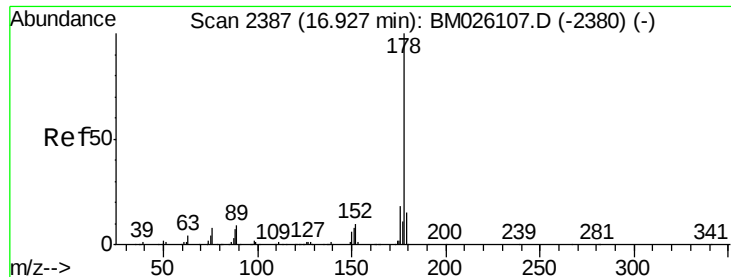
40000

20000

0

Time--> 15.15 15.20





#70

Phenanthrene

Concen: 5.00 ng/ul

RT: 16.92 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM026120.D

Acq: 26 May 2020 18:45

Instrument :

BNA_M

ClientSampleId :

F9B03DL

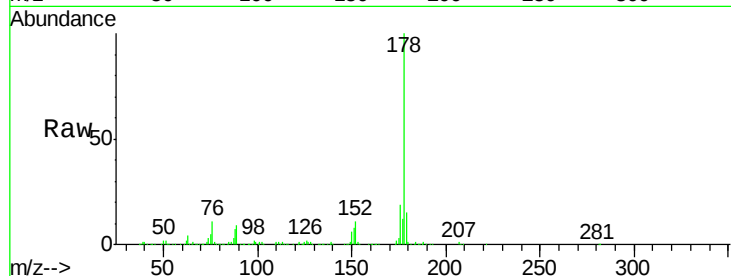
Tgt Ion:178 Resp: 238886

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

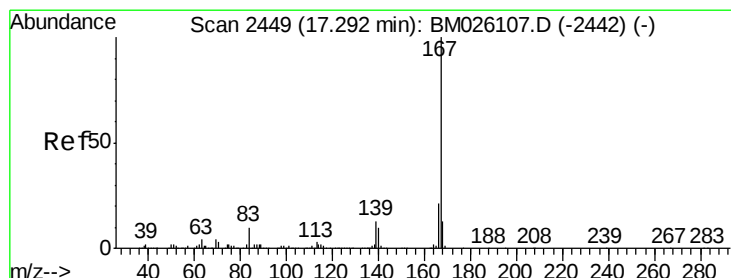
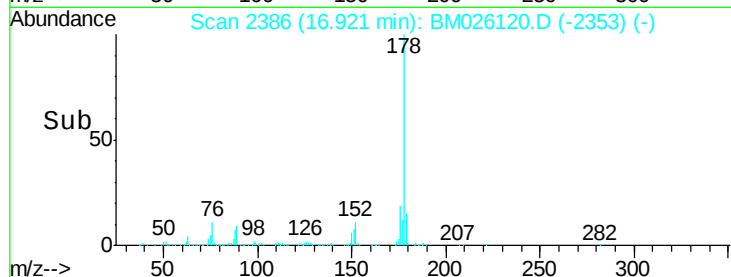
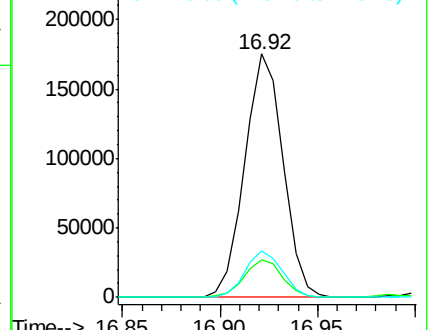
176 19.1 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 2.79 ng/ul

RT: 17.29 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM026120.D

Acq: 26 May 2020 18:45

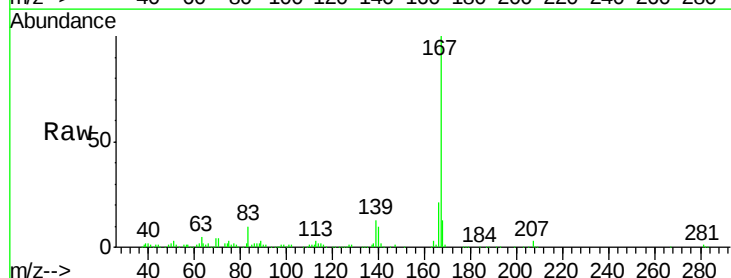
Tgt Ion:167 Resp: 110892

Ion Ratio Lower Upper

167 100

166 21.2 16.6 25.0

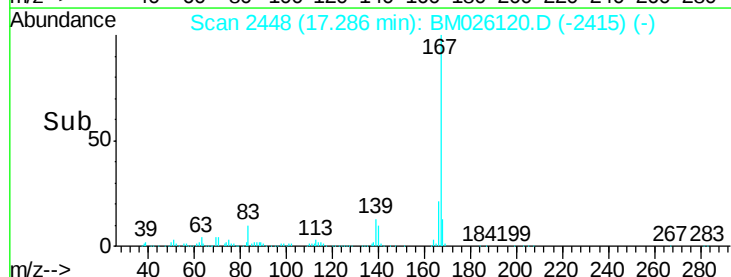
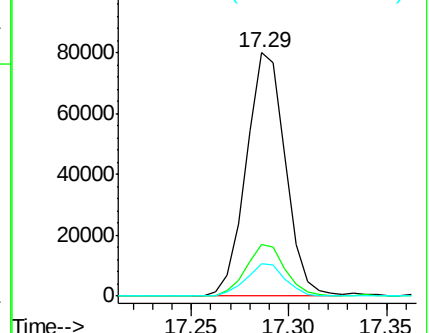
139 13.1 10.8 16.2

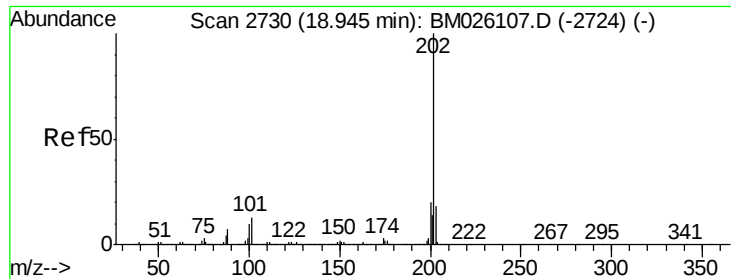


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 1.41 ng/ul

RT: 18.94 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM026120.D

Acq: 26 May 2020 18:45

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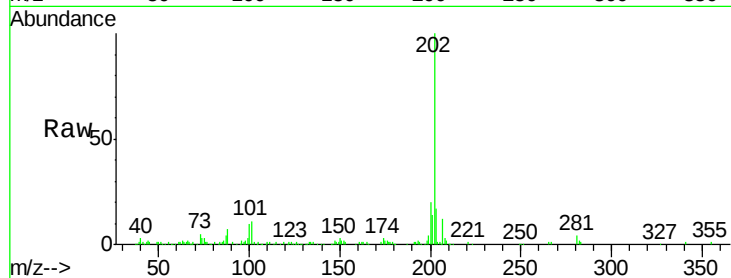
Tgt Ion:202 Resp: 70803

Ion Ratio Lower Upper

202 100

101 11.3 9.5 14.3

100 9.8 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

