

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
 Data File : BM026093.D
 Acq On : 22 May 2020 23:25
 Operator : MA/SJ
 Sample : L2737-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 23 01:43:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 22 13:18:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	174077	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	708752	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	413665	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	864226	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	904374	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	943074	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	25739	4.46	ng/uL	0.00
5) Phenol-d5	6.68	99	126186	7.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	329951	30.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	314387	25.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	221318	18.60	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	183185	31.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	194411	34.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	346600	30.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	28414	2.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1165876	35.15	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1341714	34.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	44850	7.63	ng/ul	0.00
58) Fluorene-d10	15.13	176	995181	34.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	166622	33.07	ng/ul	0.00
71) Anthracene-d10	16.98	188	1554414	36.50	ng/ul	0.00
79) Pyrene-d10	19.28	212	1736577	37.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1845534	36.77	ng/ul	0.00

Target Compounds

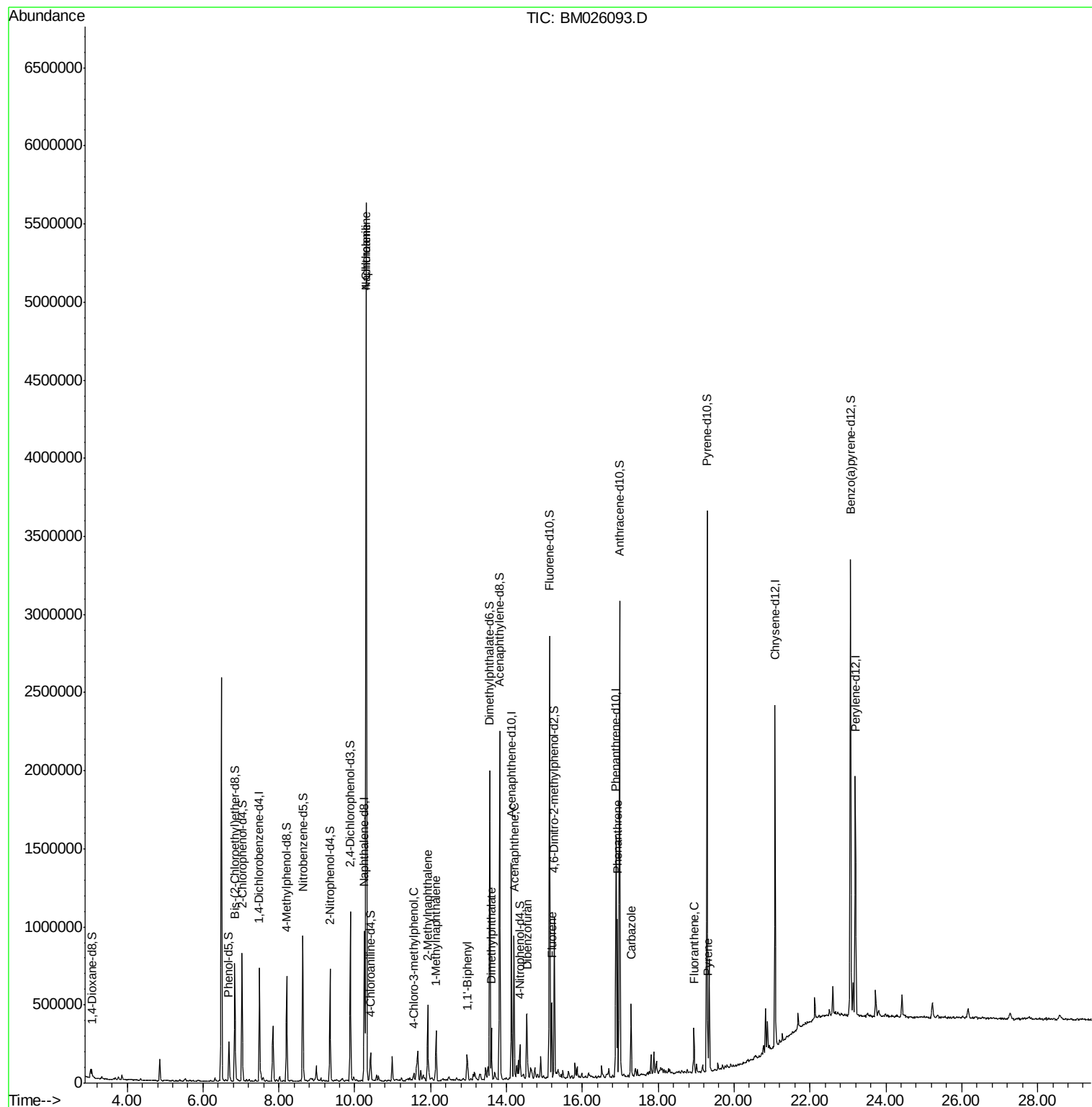
					Ovalue
28) Naphthalene	10.30	128	4054011	93.552	ng/ul 100
30) 4-Chloroaniline	10.30	127	528197	43.442	ng/ul# 9
33) 4-Chloro-3-methylphenol	11.55	107	20432	1.482	ng/ul 98
34) 2-Methylnaphthalene	11.92	142	213246	7.316	ng/ul 100
35) 1-Methylnaphthalene	12.15	142	138629	5.127	ng/ul 98
41) 1,1'-Biphenyl	12.96	154	70424	1.919	ng/ul 99
45) Dimethylphthalate	13.60	163	186672	5.360	ng/ul 99
50) Acenaphthene	14.20	153	323625	10.635	ng/ul 99
54) Dibenzofuran	14.54	168	244994	5.729	ng/ul 100
59) Fluorene	15.19	166	200262	5.789	ng/ul 98
70) Phenanthrene	16.93	178	557030	10.232	ng/ul 100
75) Carbazole	17.29	167	259049	5.733	ng/ul 99
77) Fluoranthene	18.94	202	167280	2.929	ng/ul 98
80) Pyrene	19.31	202	106378	1.676	ng/ul 96

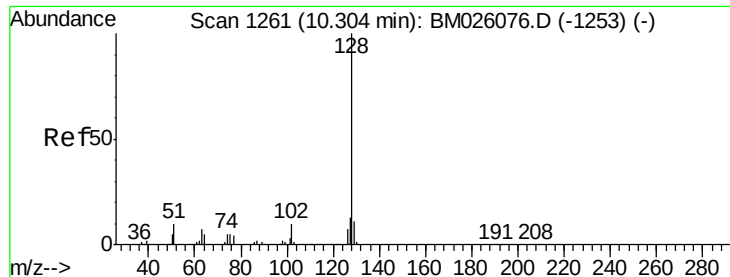
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 23 01:43:36 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 93.552 ng/ul

RT: 10.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BM026093.D

Acq: 22 May 2020 23:25

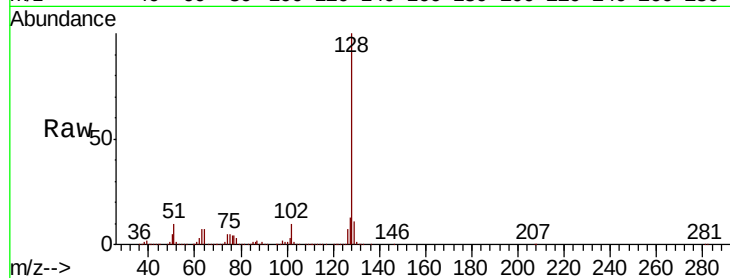
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 4054011

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.1	10.6	15.8

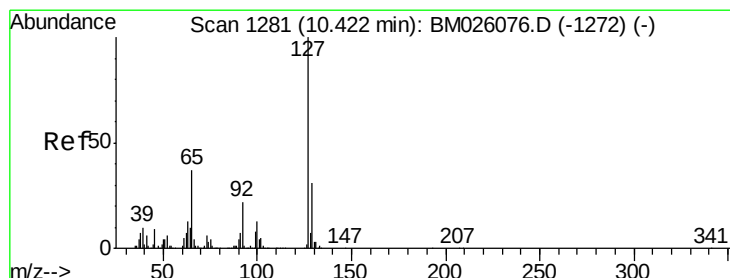
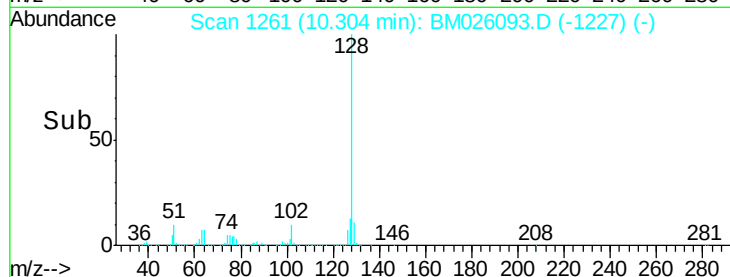
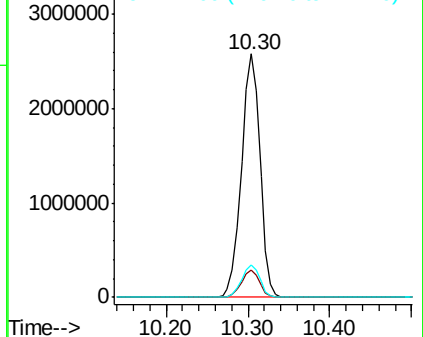


Abundance

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



#30

4-Chloroaniline

Concen: 43.442 ng/ul

RT: 10.30 min Scan# 1261

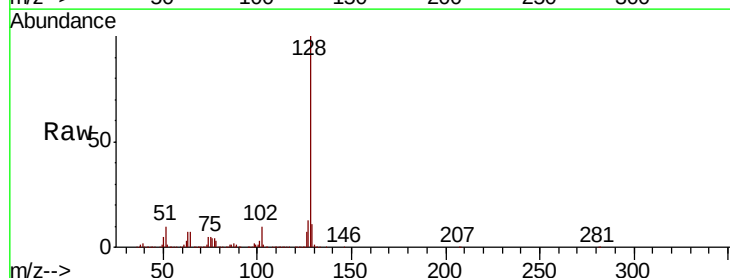
Delta R.T. -0.12 min

Lab File: BM026093.D

Acq: 22 May 2020 23:25

Tgt Ion:127 Resp: 528197

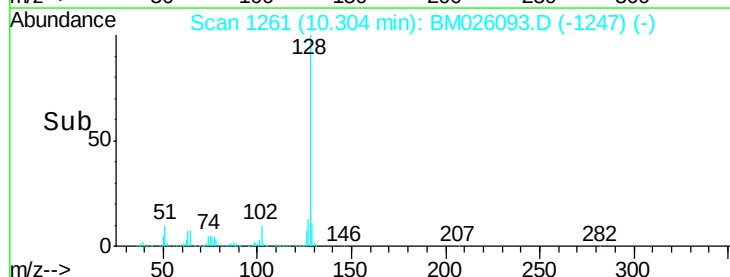
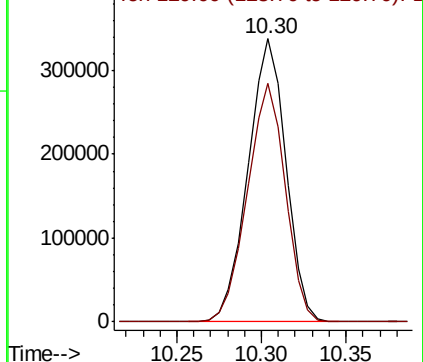
Ion	Ratio	Lower	Upper
127	100		
129	84.1	26.2	39.2

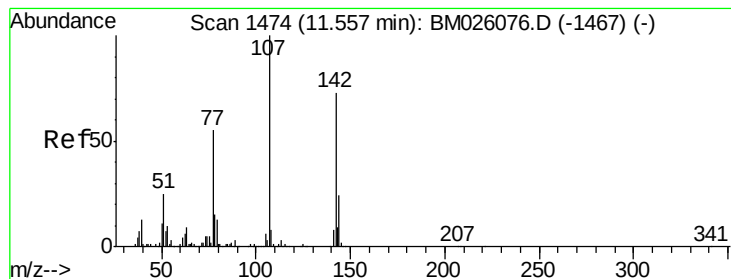


Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#33

4-Chloro-3-methylphenol

Concen: 1.482 ng/ul

RT: 11.55 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BM026093.D

Acq: 22 May 2020 23:25

Instrument :

BNA_M

ClientSampleId :

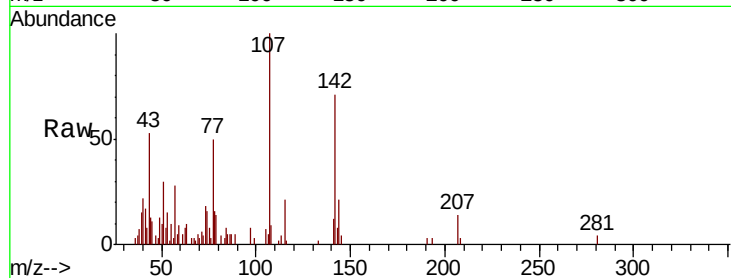
Tot Ion:107 Resp: 20432

Ion Ratio Lower Upper

107 100

144 21.0 18.1 27.1

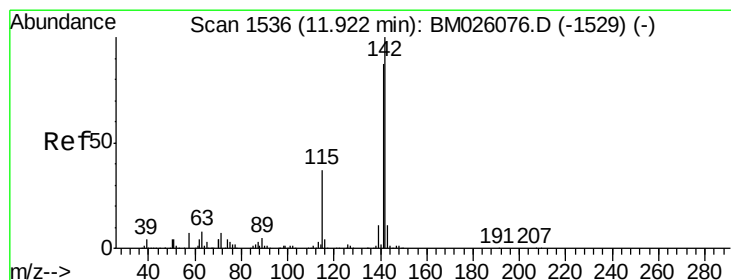
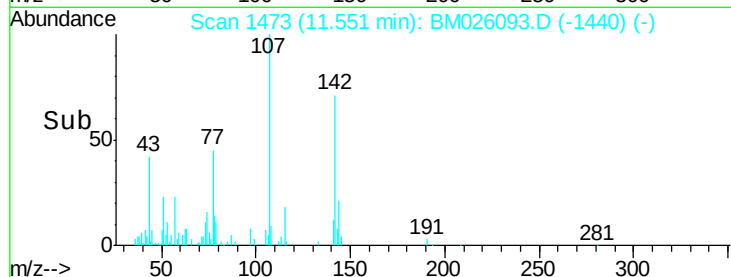
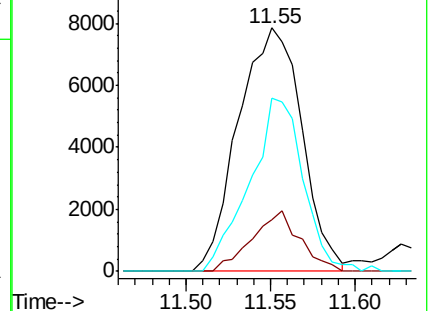
142 71.0 56.0 84.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#34

2-Methylnaphthalene

Concen: 7.316 ng/ul

RT: 11.92 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM026093.D

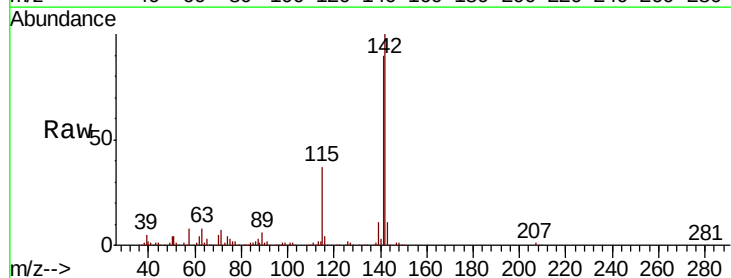
Acq: 22 May 2020 23:25

Tgt Ion:142 Resp: 213246

Ion Ratio Lower Upper

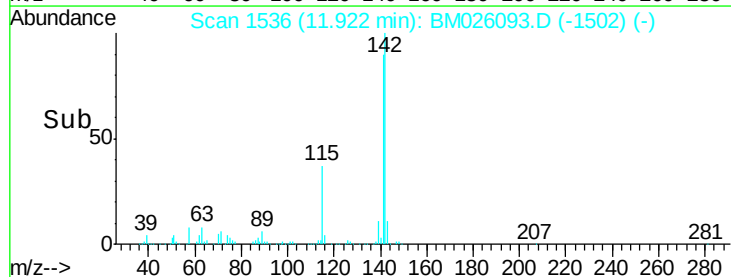
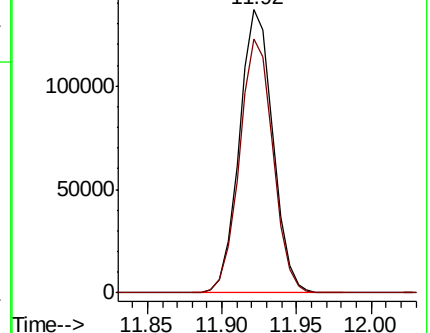
142 100

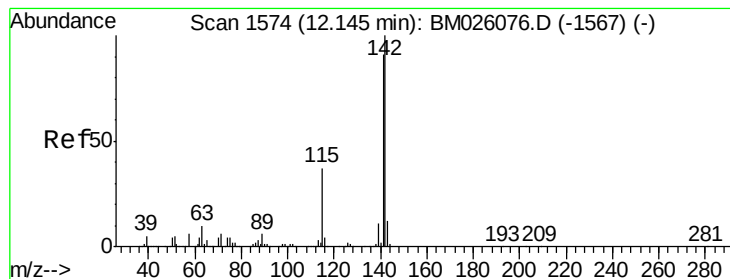
141 89.8 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 5.127 ng/ul

RT: 12.15 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BM026093.D

Acq: 22 May 2020 23:25

Instrument :

BNA_M

ClientSampleId :

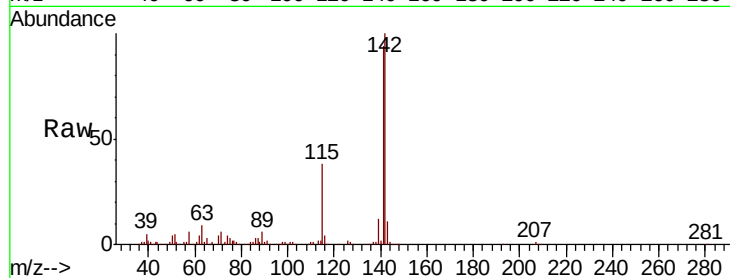
Tot Ion:142 Resp: 138629

Ion Ratio Lower Upper

142 100

141 93.6 73.0 109.4

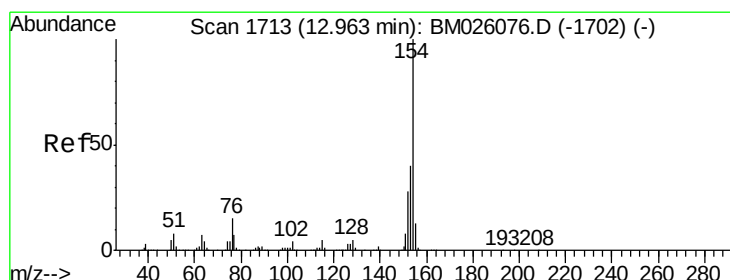
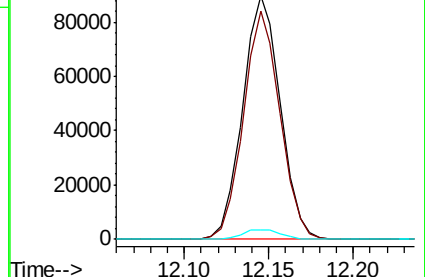
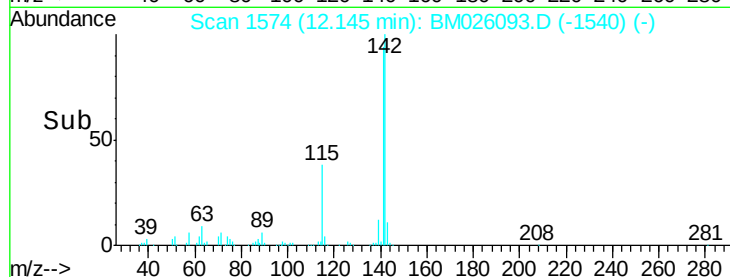
116 4.1 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#41

1,1'-Biphenyl

Concen: 1.919 ng/ul

RT: 12.96 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BM026093.D

Acq: 22 May 2020 23:25

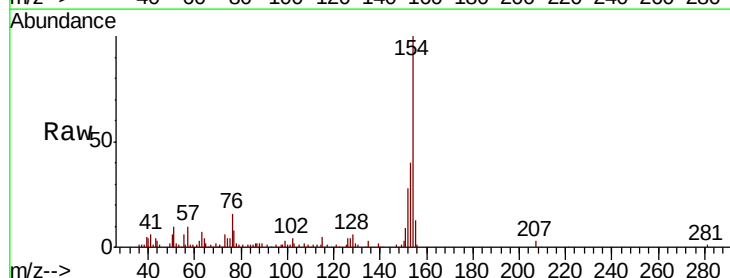
Tgt Ion:154 Resp: 70424

Ion Ratio Lower Upper

154 100

153 39.8 32.3 48.5

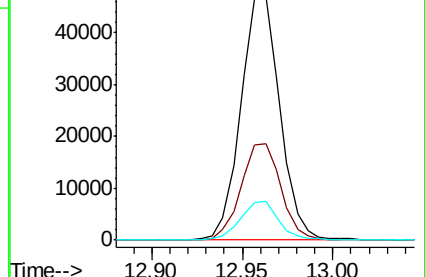
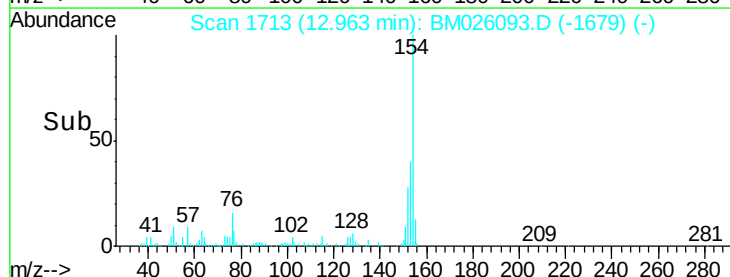
76 15.9 13.0 19.6

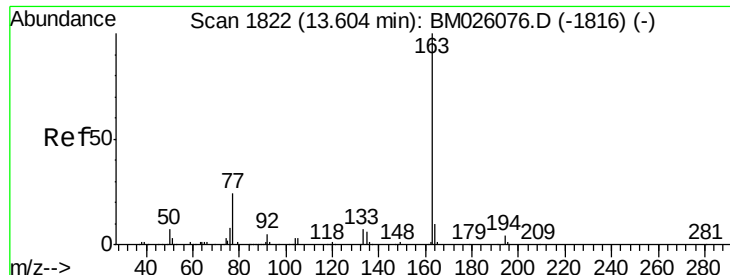


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

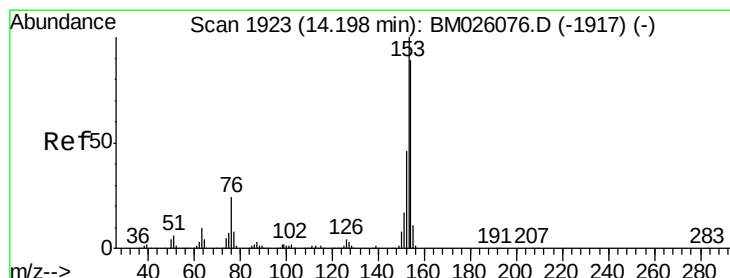
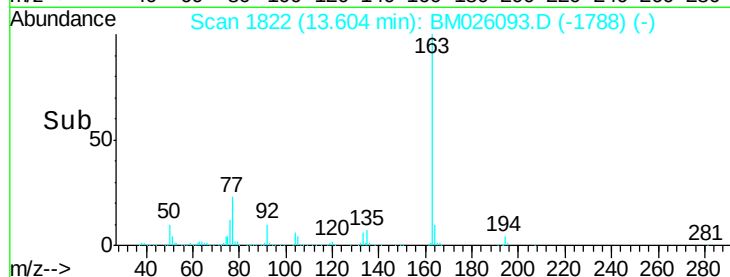
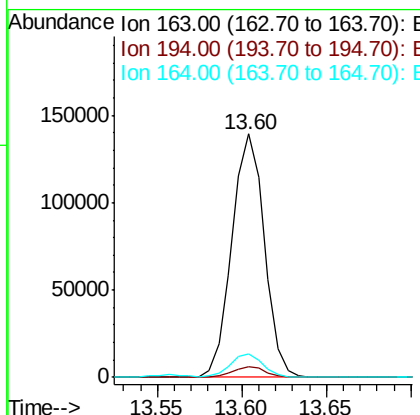
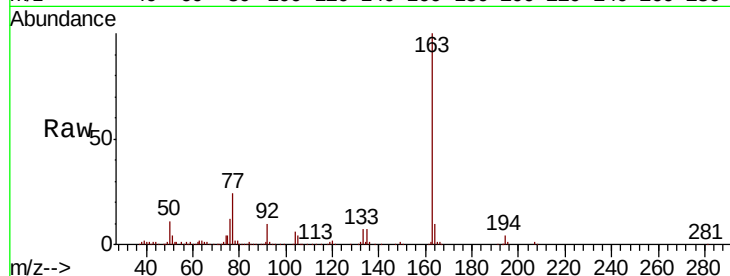




#45
Dimethylphthalate
Concen: 5.360 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM026093.D
Acq: 22 May 2020 23:25

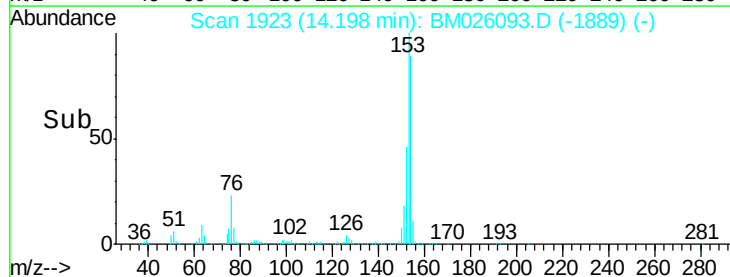
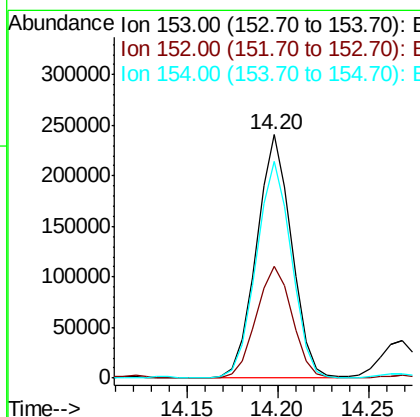
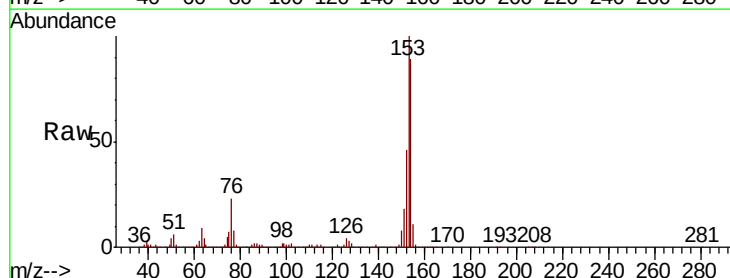
Instrument :
BNA_M
ClientSampleId :

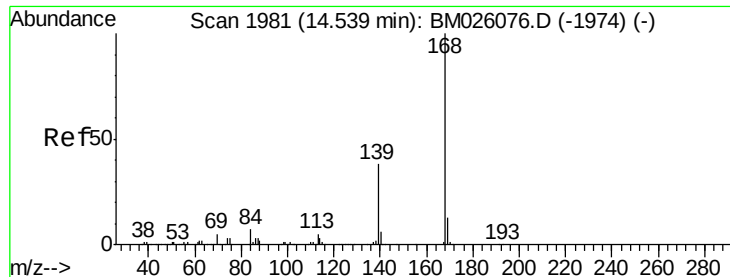
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.7	8.0	12.0



#50
Acenaphthene
Concen: 10.635 ng/ul
RT: 14.20 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BM026093.D
Acq: 22 May 2020 23:25

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.2	55.8
154	88.9	69.8	104.8





#54

Dibenzenofuran

Concen: 5.729 ng/ul

RT: 14.54 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM026093.D

Acq: 22 May 2020 23:25

Instrument :

BNA_M

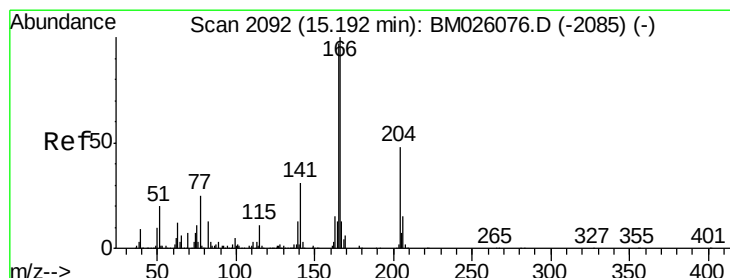
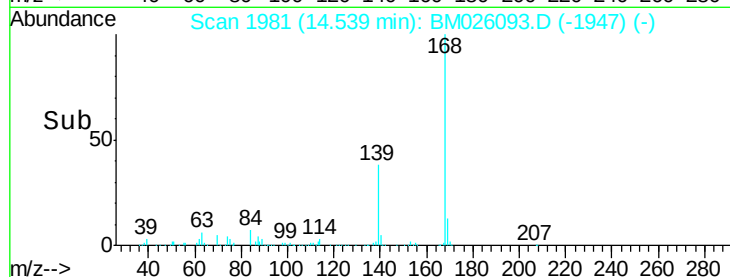
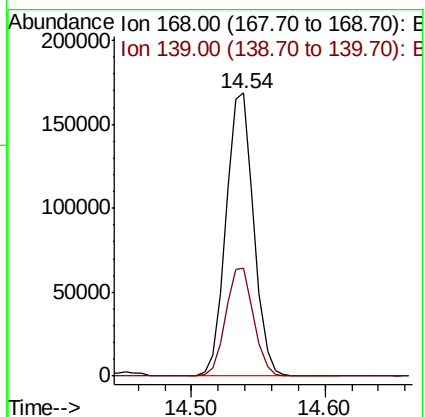
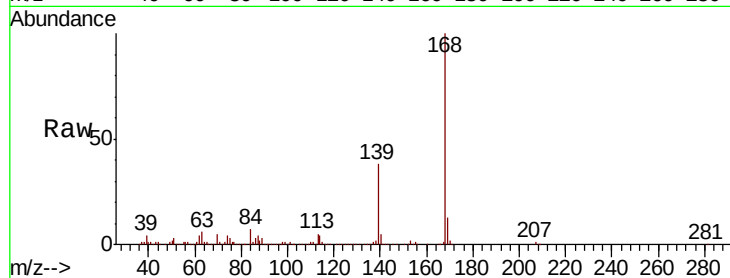
ClientSampleId :

Tot Ion:168 Resp: 244994

Ion Ratio Lower Upper

168 100

139 38.3 30.7 46.1



#59

Fluorene

Concen: 5.789 ng/ul

RT: 15.19 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BM026093.D

Acq: 22 May 2020 23:25

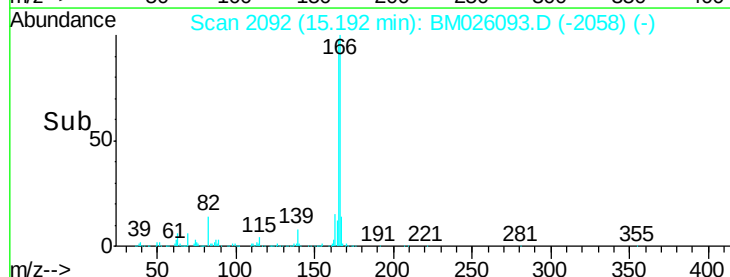
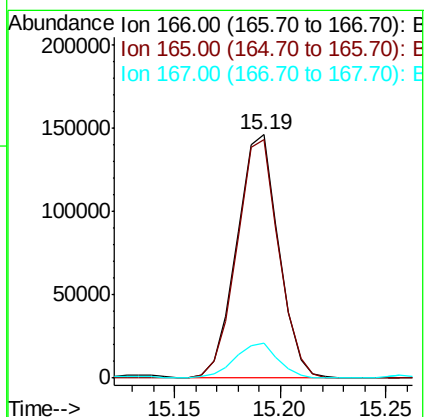
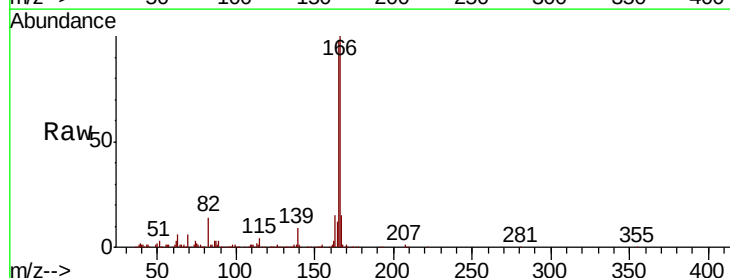
Tgt Ion:166 Resp: 200262

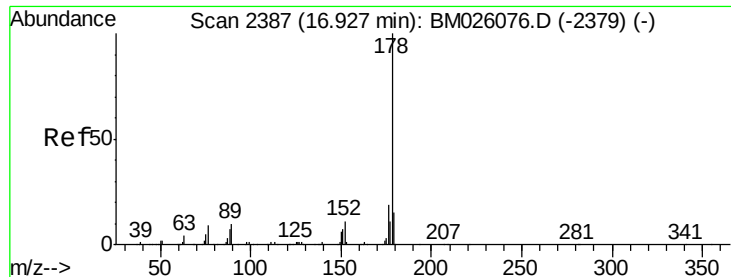
Ion Ratio Lower Upper

166 100

165 98.1 77.3 115.9

167 14.6 10.6 16.0





#70

Phenanthrene

Concen: 10.232 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BM026093.D

Acq: 22 May 2020 23:25

Instrument :

BNA_M

ClientSampleId :

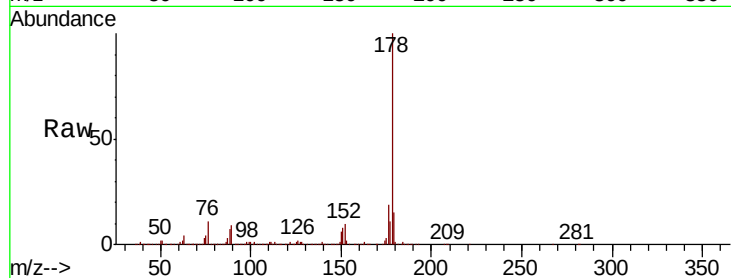
Tot Ion:178 Resp: 557030

Ion Ratio Lower Upper

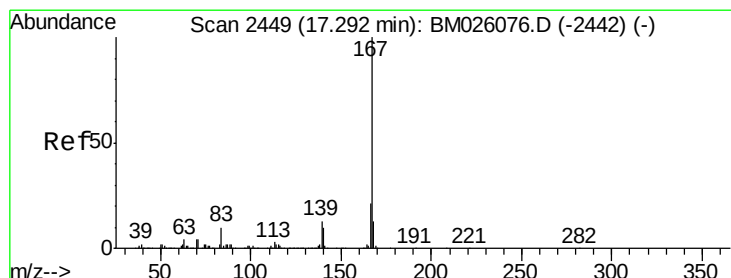
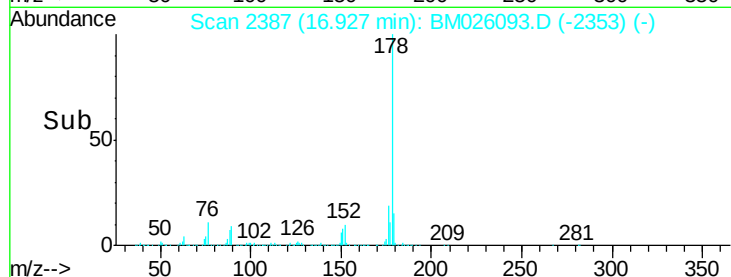
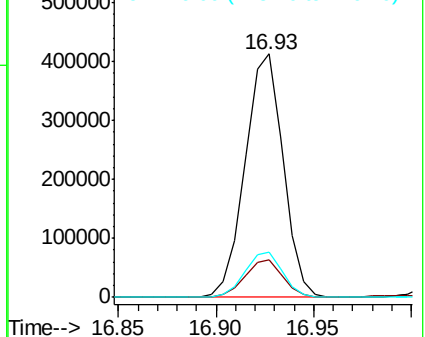
178 100

179 15.2 11.9 17.9

176 18.7 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: 5.733 ng/ul

RT: 17.29 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM026093.D

Acq: 22 May 2020 23:25

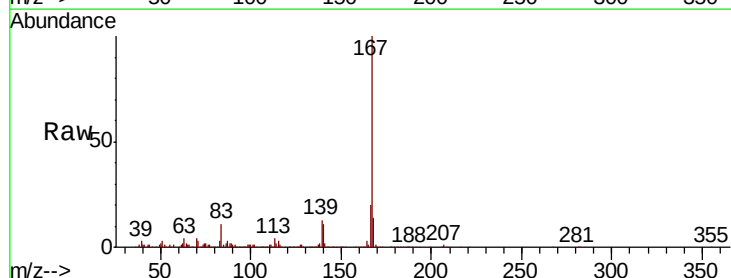
Tgt Ion:167 Resp: 259049

Ion Ratio Lower Upper

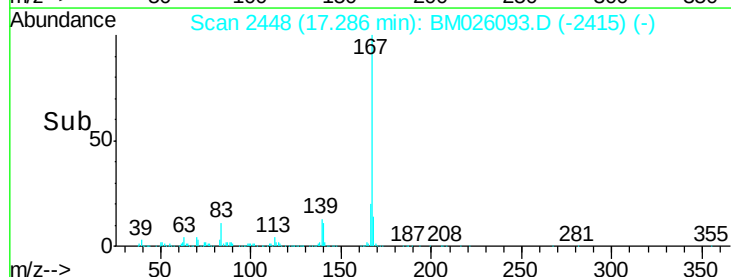
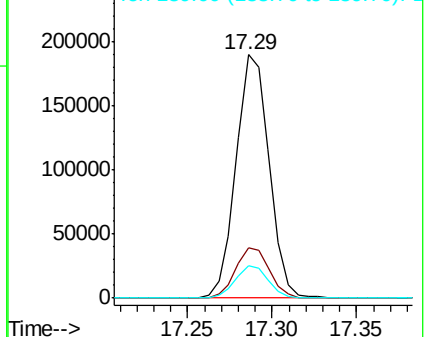
167 100

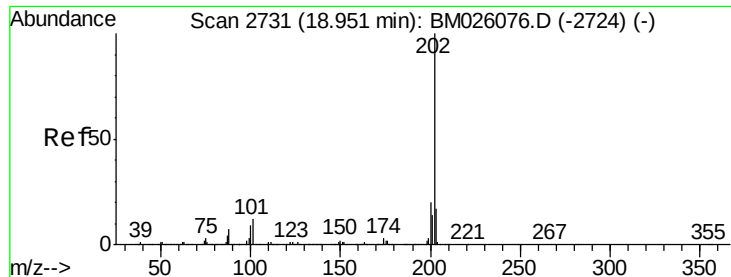
166 20.4 16.6 25.0

139 13.3 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

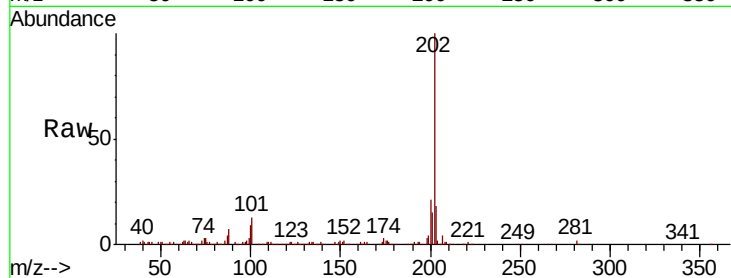




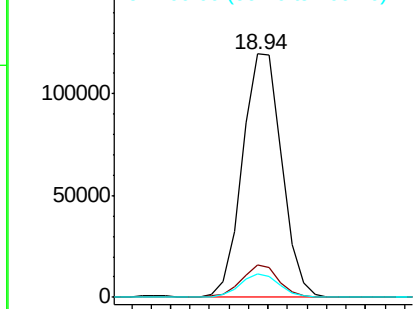
#77
Fluoranthene
Concen: 2.929 ng/ul
RT: 18.94 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BM026093.D
Acq: 22 May 2020 23:25

Instrument :
BNA_M
ClientSampleId :

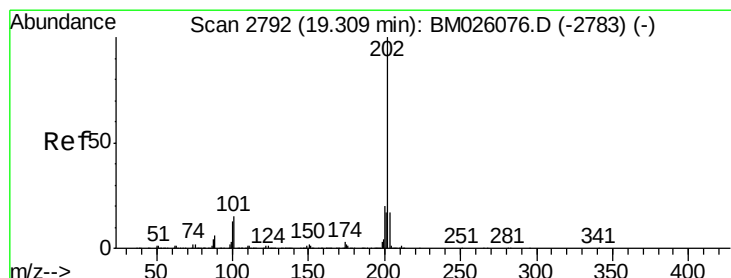
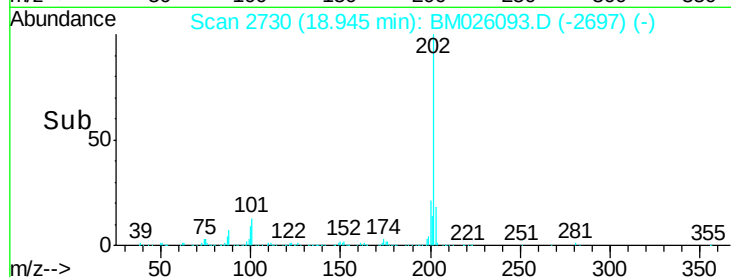
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.5	14.3
100	9.4	7.6	11.4



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

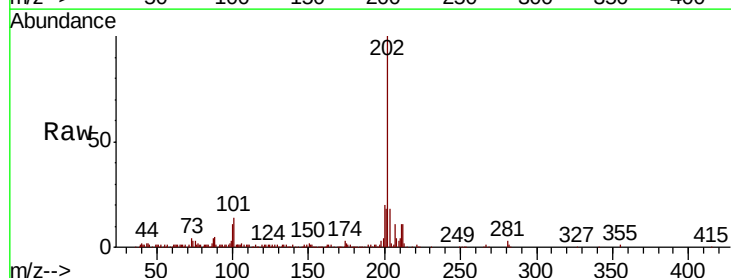


Time-->

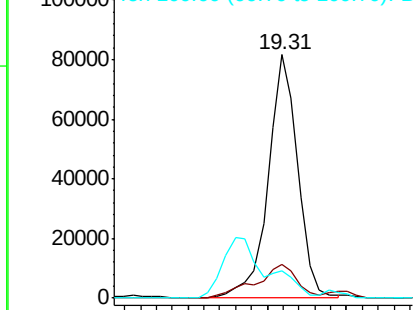


#80
Pyrene
Concen: 1.676 ng/ul
RT: 19.31 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BM026093.D
Acq: 22 May 2020 23:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	12.2	18.4
100	11.4	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



Time-->

