

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 :
 F9B03

Quant Time: May 23 03:01:56 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

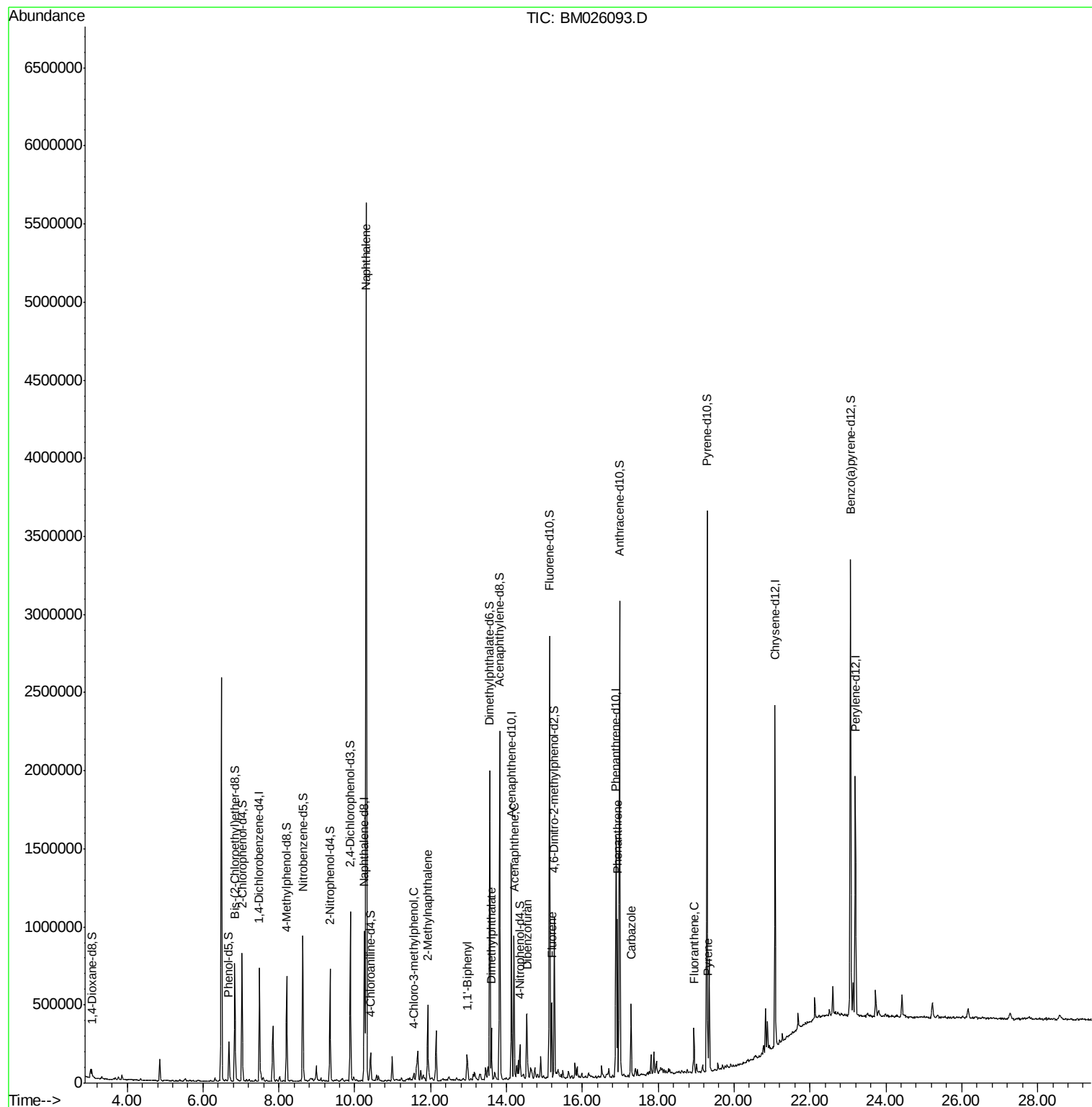
					Ovalue
28) Naphthalene	10.30	128	4054011	93.552	ng/ul 100
33) 4-Chloro-3-methylphenol	11.55	107	20432	1.482	ng/ul 98
34) 2-Methylnaphthalene	11.92	142	213246	7.316	ng/ul 100
41) 1,1'-Biphenyl	12.96	154	70424	1.919	ng/ul 99
45) Dimethylphthalate	13.60	163	186672	5.360	ng/ul 99
50) Acenaphthene	14.20	153	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

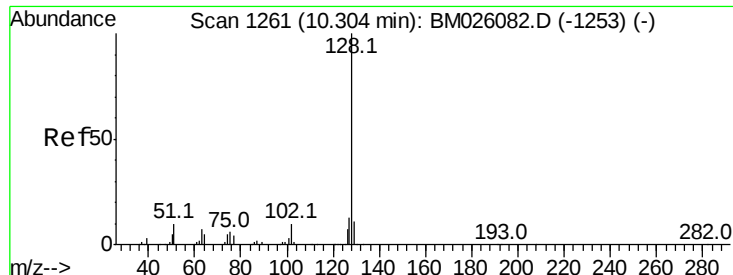
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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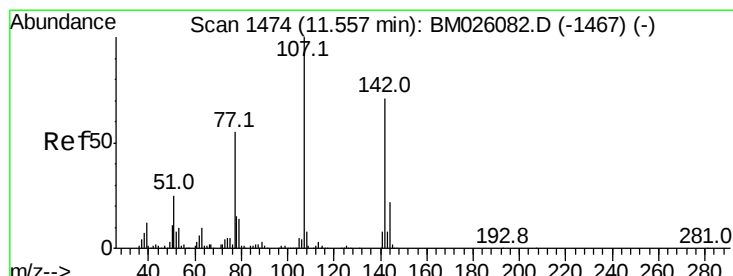
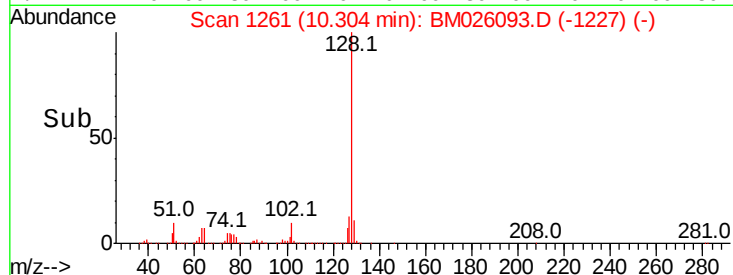
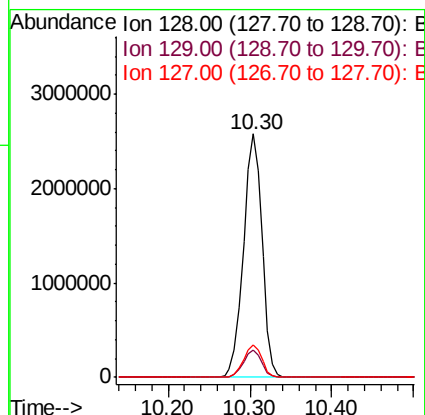
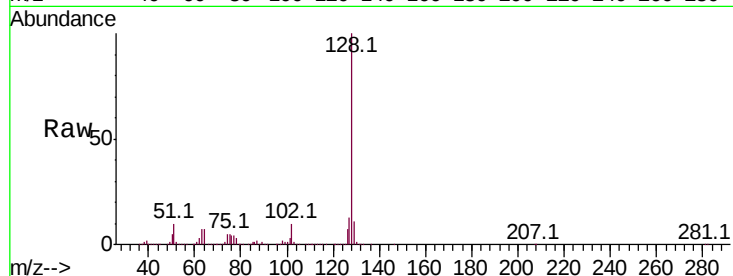




#28
Naphthalene
Concen: 93.552 ng/ul
RT: 10.30 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BM026093.D
Acq: 22 May 2020 23:25

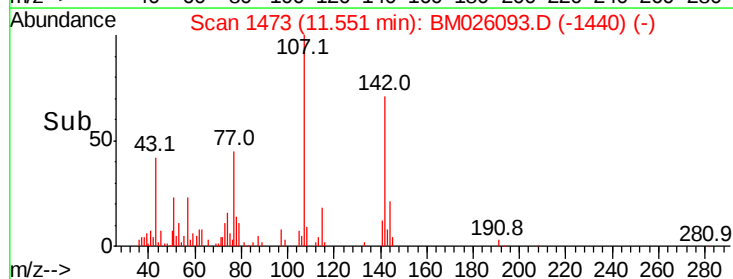
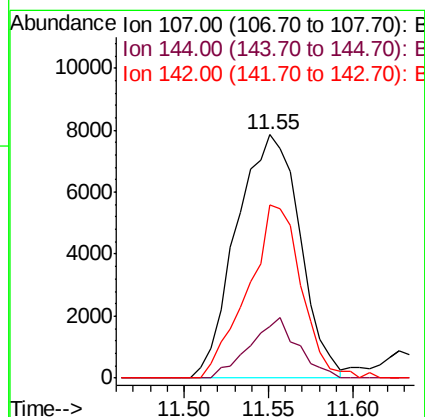
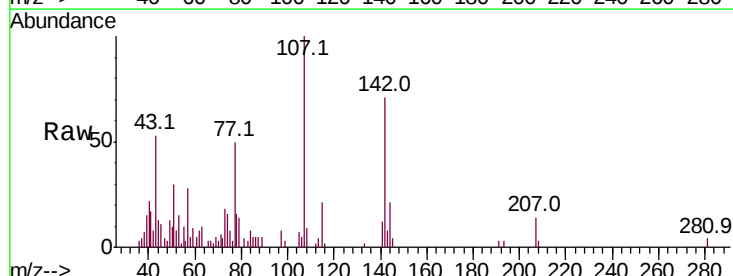
Instrument :
BNA_M
ClientSampleId :
F9B03

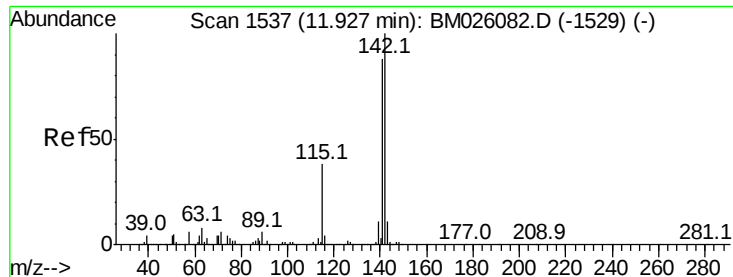
Tot Ion:128 Resp: 4054011
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.6 15.8



#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

Tgt Ion:107 Resp: 20432
Ion Ratio Lower Upper
107 100
144 21.0 18.1 27.1
142 71.0 56.0 84.0

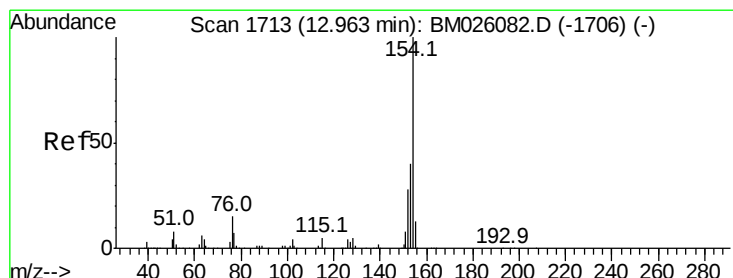
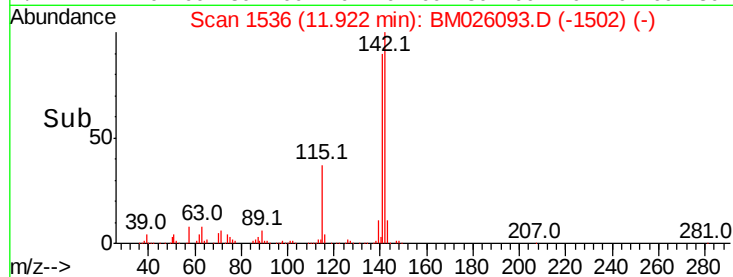
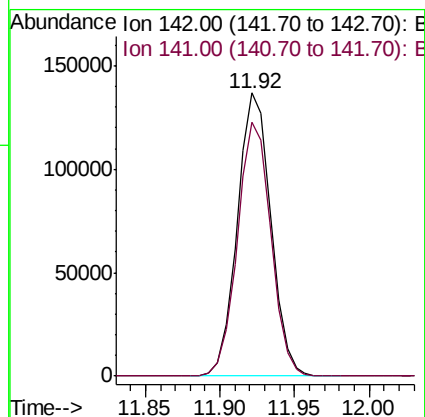
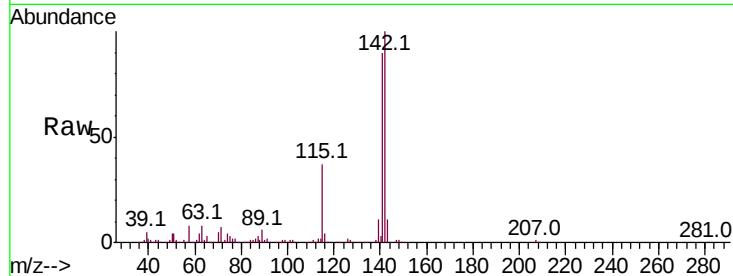




#34
 2-Methylnaphthalene
 Concen: 7.316 ng/ul
 RT: 11.92 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BM026093.D
 Acq: 22 May 2020 23:25

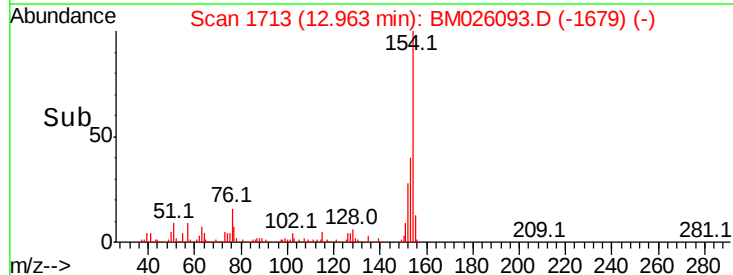
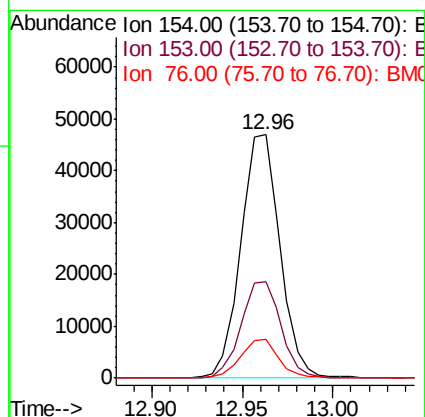
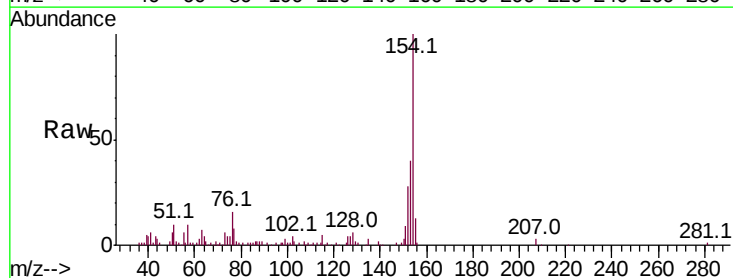
Instrument :
 BNA_M
 ClientSampleId :
 F9B03

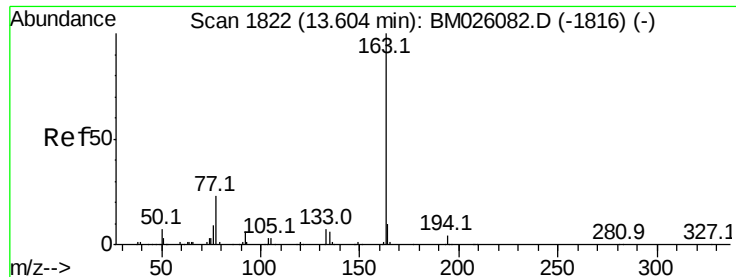
Tot Ion:142 Resp: 213246
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.8 107.6



#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

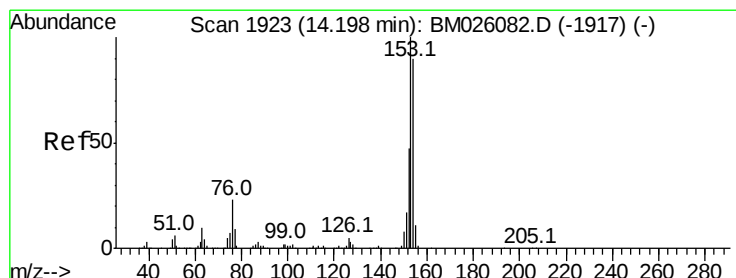
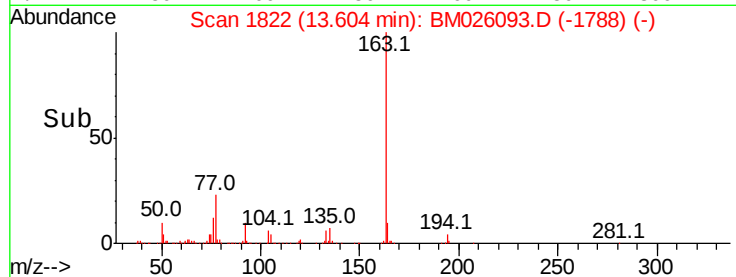
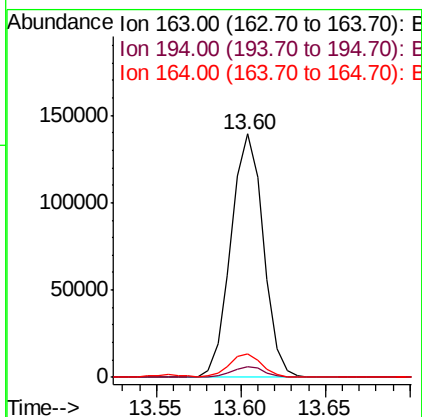
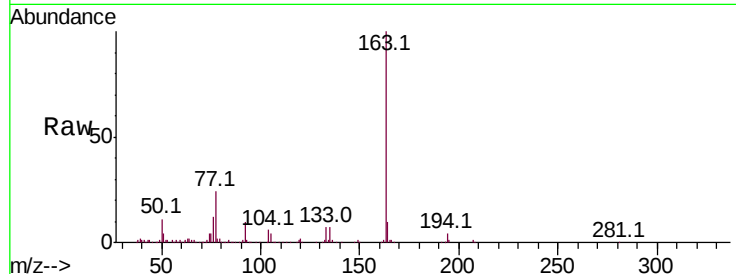




#45
 Dimethylphthalate
 Concen: 5.360 ng/ul
 RT: 13.60 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BM026093.D
 Acq: 22 May 2020 23:25

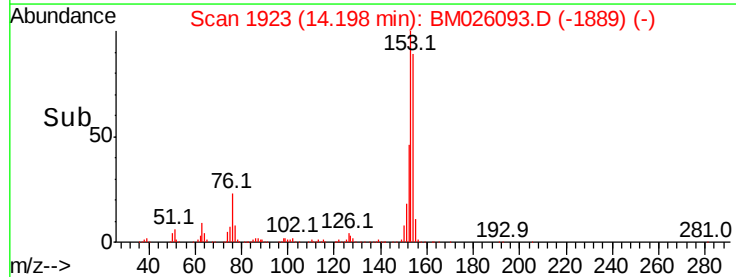
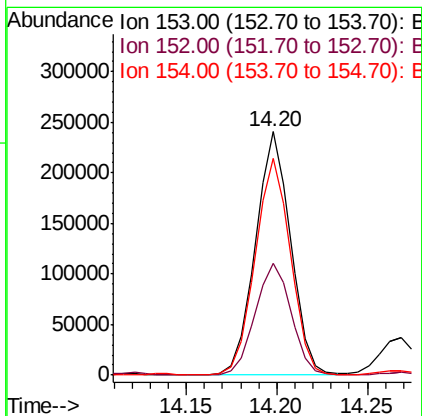
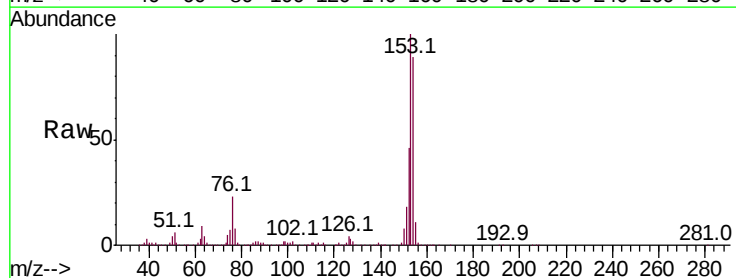
Instrument :
 BNA_M
 ClientSampleId :
 F9B03

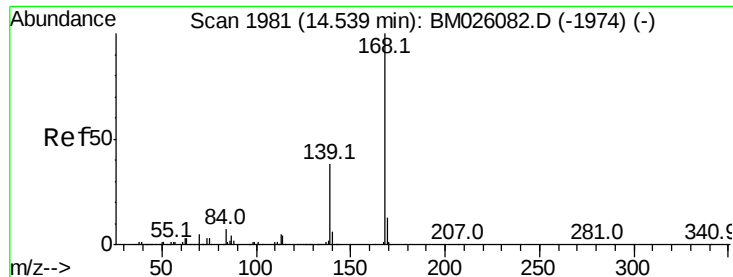
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.7	8.0	12.0



#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 :

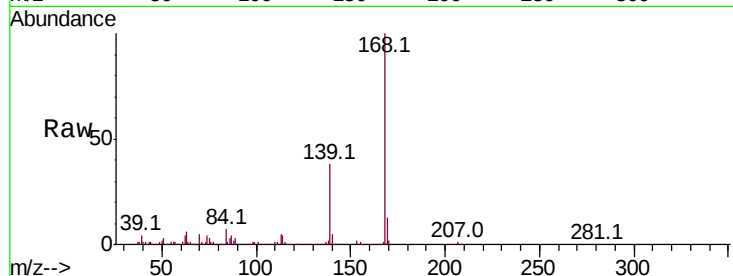
F9B03

Tot Ion:168 Resp: 244994

Ion Ratio Lower Upper

168 100

139 38.3 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.54

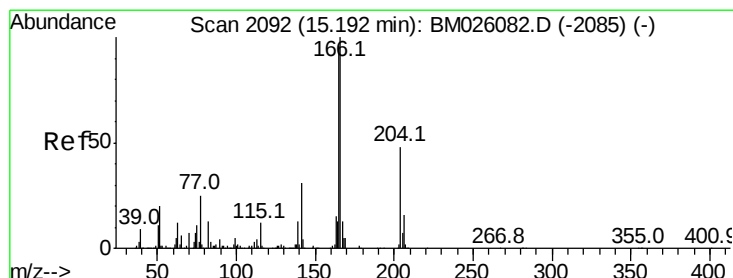
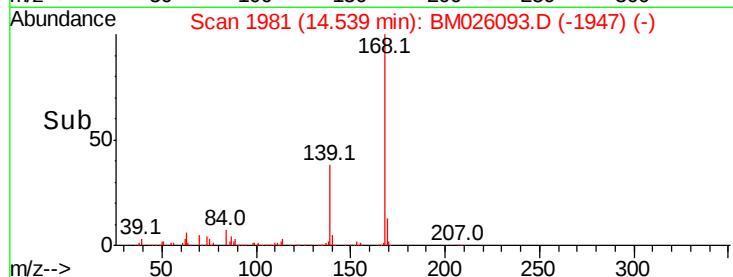
150000

100000

50000

0

Time-->



#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

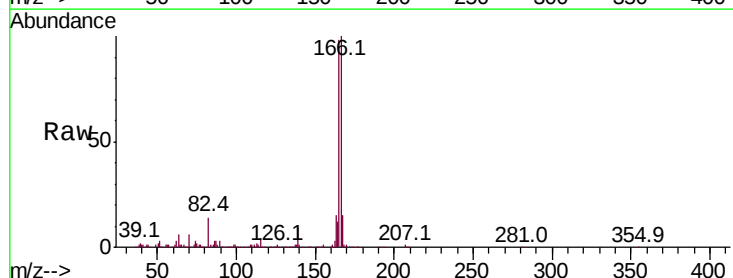
Tgt Ion:166 Resp: 200262

Ion Ratio Lower Upper

166 100

165 98.1 77.3 115.9

167 14.6 10.6 16.0



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

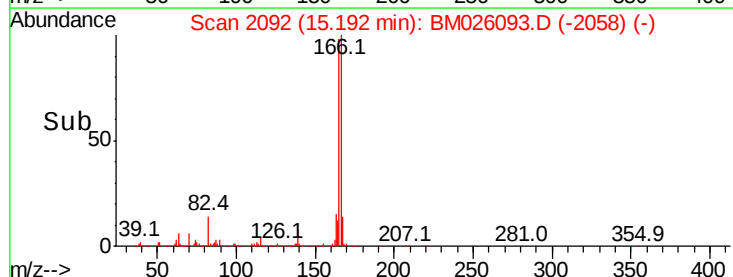
150000

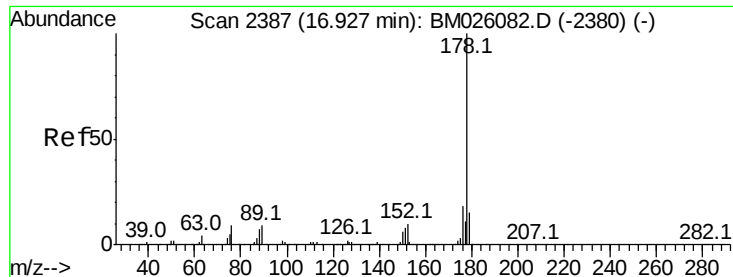
100000

50000

0

Time-->





#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 :

F9B03

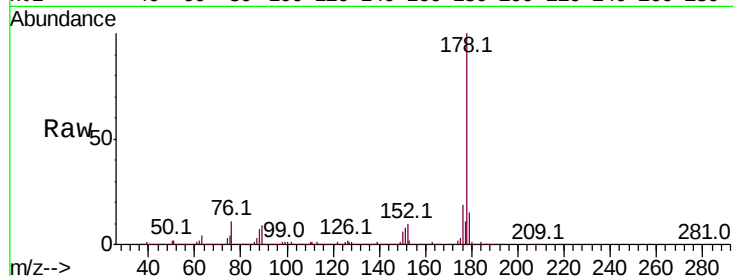
Tot Ion:178 Resp: 557030

Ion Ratio Lower Upper

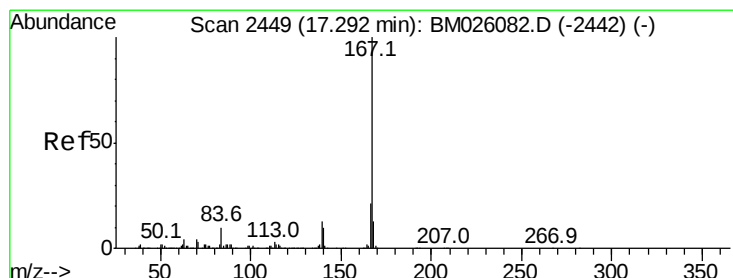
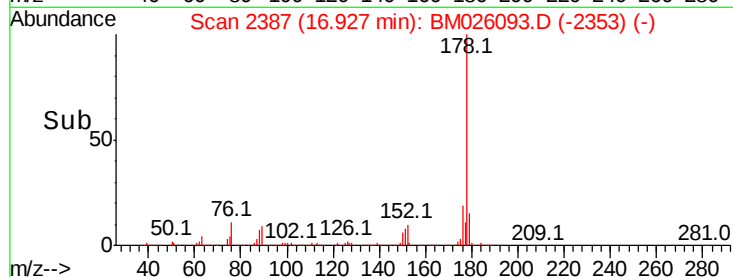
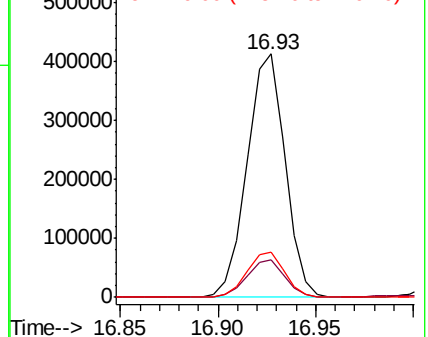
178 100

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

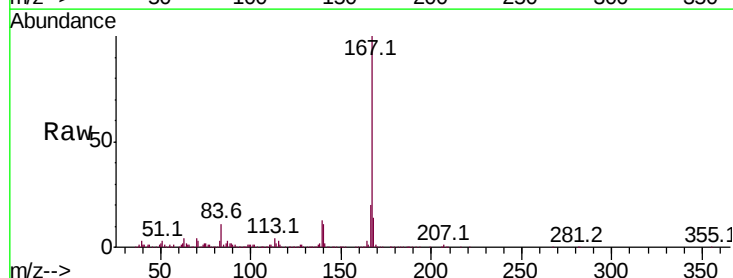
Tgt Ion:167 Resp: 259049

Ion Ratio Lower Upper

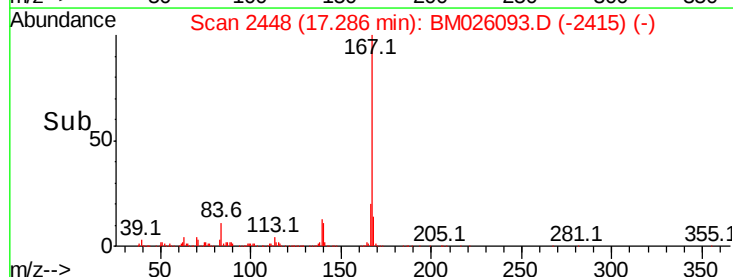
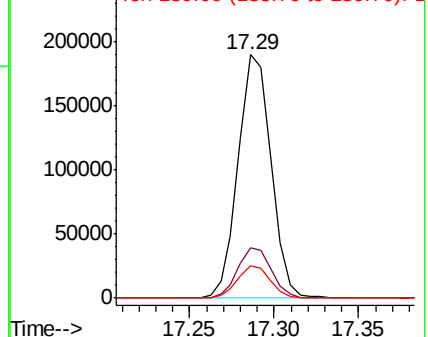
167 100

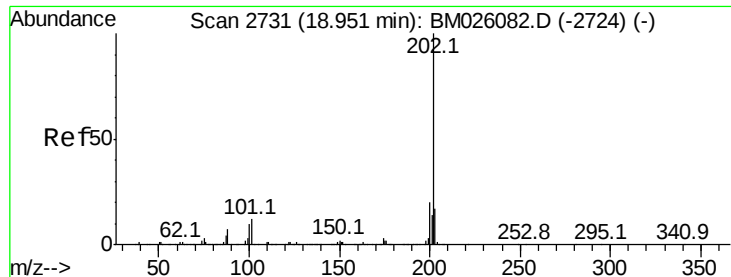
166 20.4 16.6 25.0

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 :

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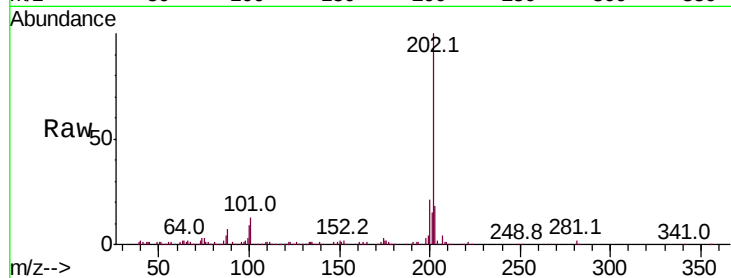
Tot Ion:202 Resp: 167280

Ion Ratio Lower Upper

202 100

101 13.2 9.5 14.3

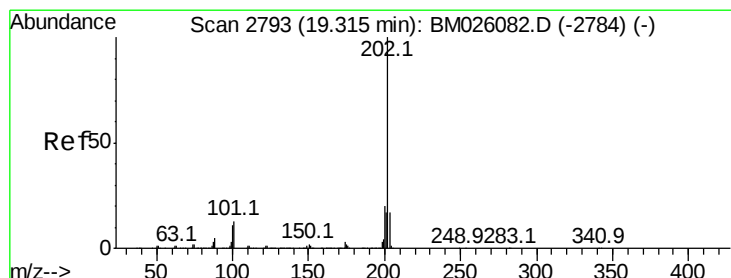
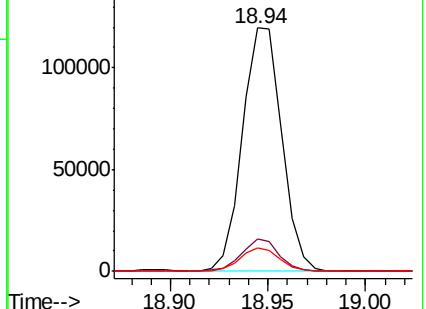
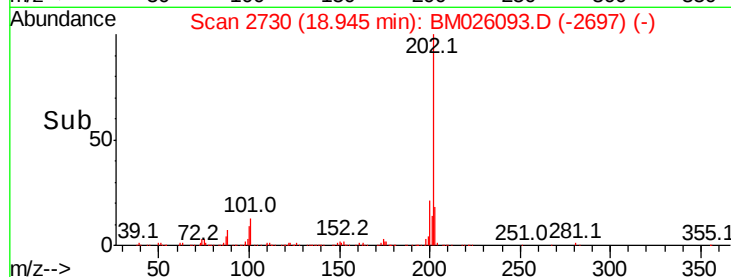
100 9.4 7.6 11.4



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



#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

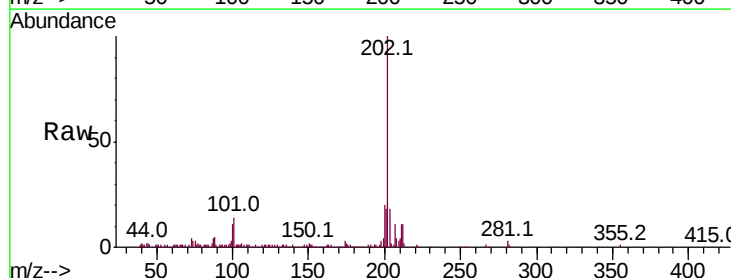
Tgt Ion:202 Resp: 106378

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

