

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
 Data File : BM026094.D
 Acq On : 23 May 2020 00:01
 Operator : MA/SJ
 Sample : L2737-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B21

Quant Time: May 25 00:40:49 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	209323	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	855650	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	515463	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1069664	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	1100220	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1162103	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	33646	4.85	ng/uL	0.00
5) Phenol-d5	6.68	99	186157	9.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	447671	34.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	430583	28.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	310634	21.71	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	259366	37.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	270171	39.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	457774	33.04	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	1444235	34.94	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1714561	35.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	70711	9.66	ng/ul	0.00
58) Fluorene-d10	15.14	176	1243283	34.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	222618	35.69	ng/ul	0.00
71) Anthracene-d10	16.99	188	1930269	36.62	ng/ul	0.00
79) Pyrene-d10	19.29	212	2123153	37.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2238756	36.19	ng/ul	0.00

Target Compounds

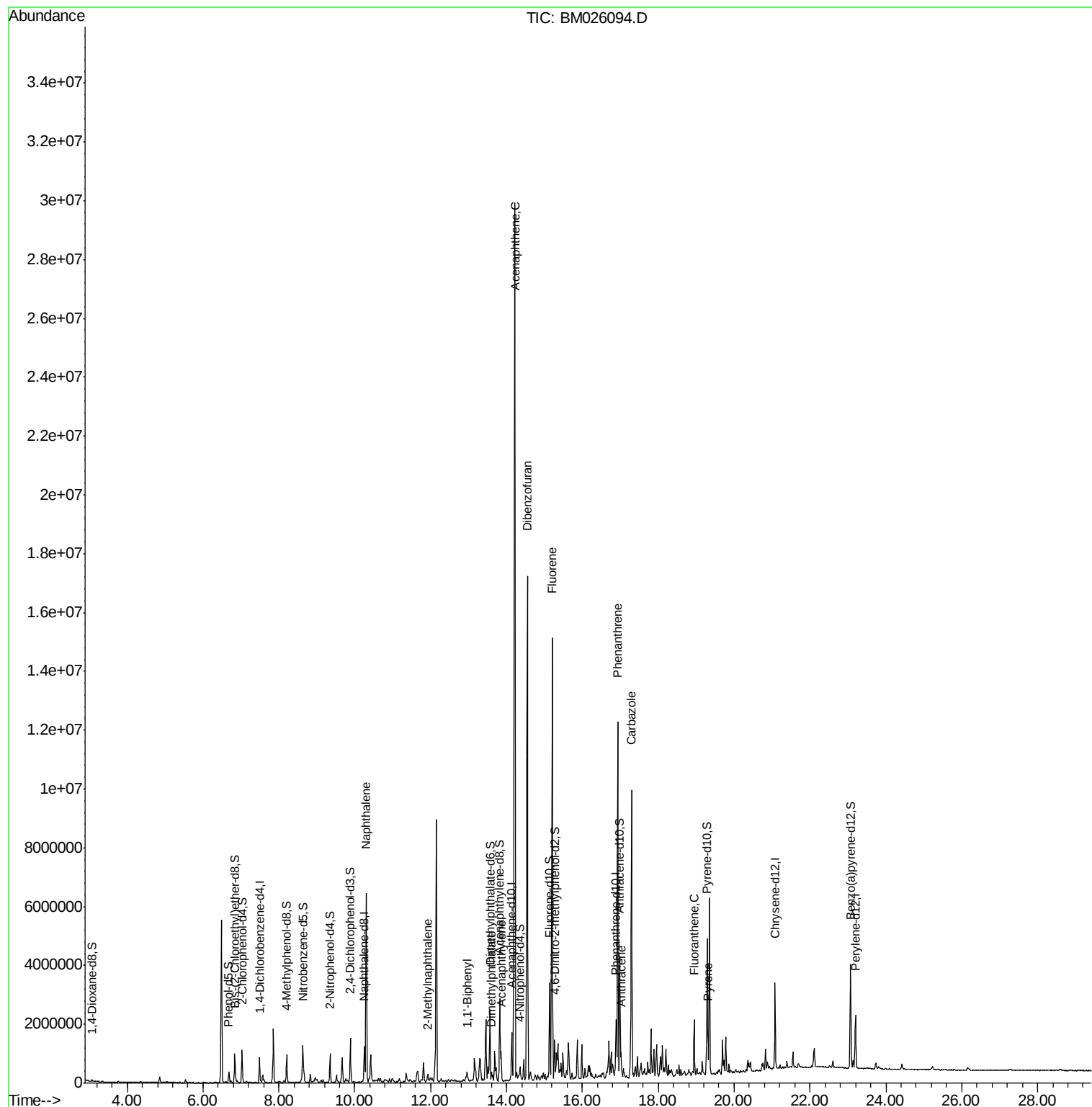
					Ovalue	
28) Naphthalene	10.30	128	4565231	87.262	ng/ul	99
34) 2-Methylnaphthalene	11.92	142	108745	3.090	ng/ul	94
41) 1,1'-Biphenyl	12.96	154	109159	2.387	ng/ul	97
45) Dimethylphthalate	13.61	163	177179	4.083	ng/ul	99
48) Acenaphthylene	13.85	152	229613	4.271	ng/ul#	92
50) Acenaphthene	14.22	153	13683916	360.889	ng/ul	97
54) Dibenzofuran	14.55	168	10612212	199.152	ng/ul	98
59) Fluorene	15.20	166	6798343	157.714	ng/ul	99
70) Phenanthrene	16.93	178	6580551	97.665	ng/ul	99
72) Anthracene	17.02	178	431129	6.378	ng/ul	98
75) Carbazole	17.30	167	5881608	105.170	ng/ul	99
77) Fluoranthene	18.95	202	1043830	14.769	ng/ul	100
80) Pyrene	19.31	202	538298	6.969	ng/ul	98

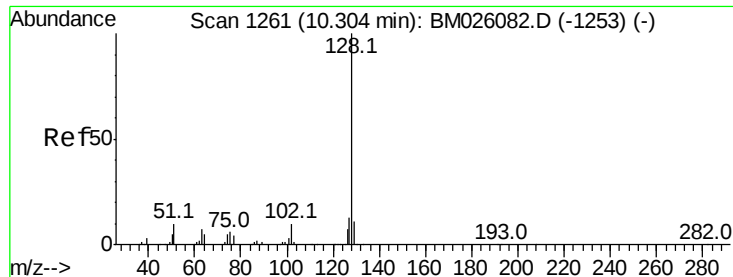
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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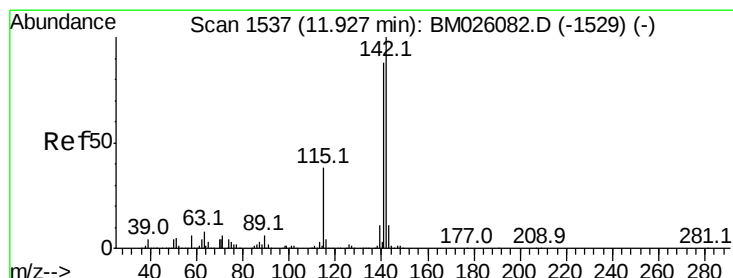
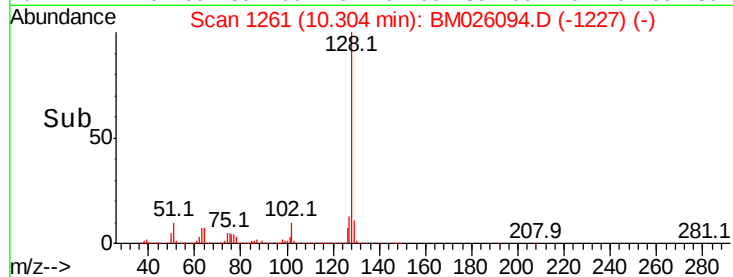
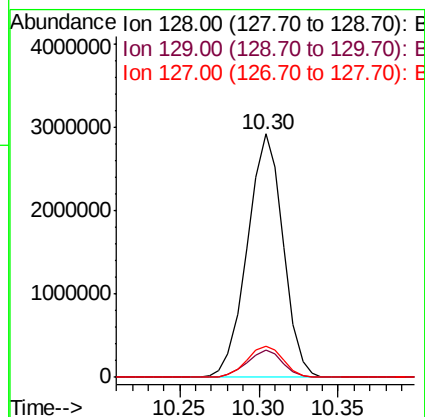
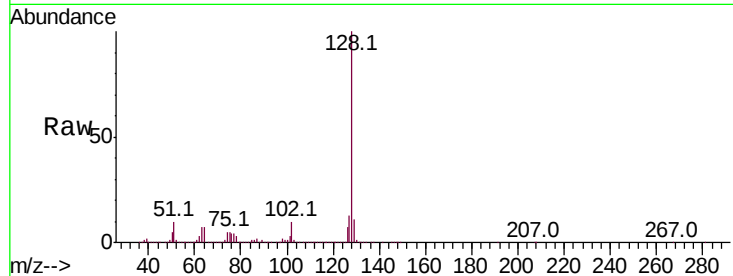




#28
Naphthalene
Concen: 87.262 ng/ul
RT: 10.30 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

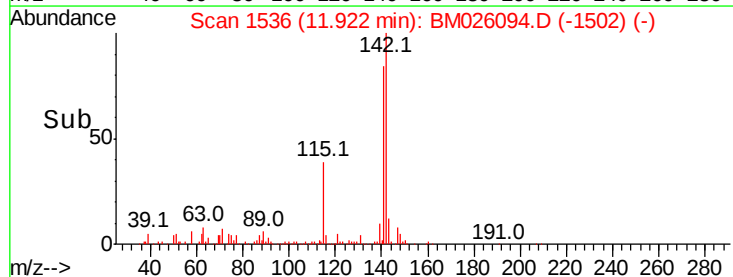
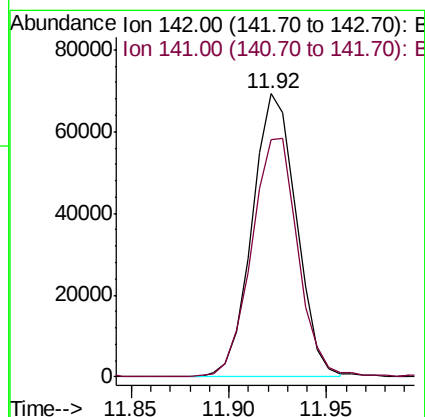
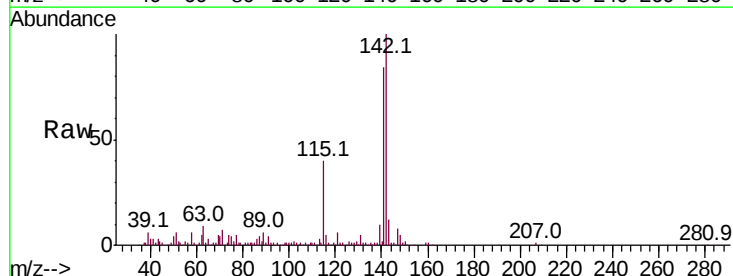
Instrument :
BNA_M
ClientSampleId :
F9B21

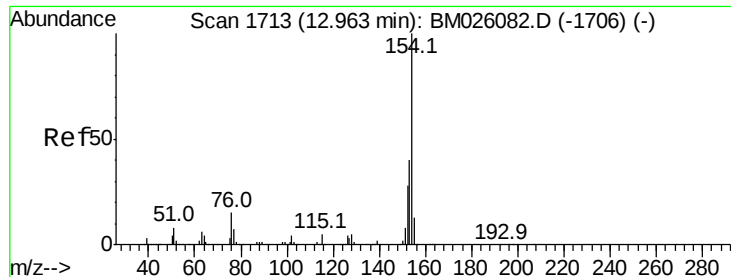
Tot Ion:128 Resp: 4565231
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.0 10.6 15.8



#34
2-Methylnaphthalene
Concen: 3.090 ng/ul
RT: 11.92 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Tgt Ion:142 Resp: 108745
Ion Ratio Lower Upper
142 100
141 83.9 71.8 107.6





#41

1,1'-Biphenyl

Concen: 2.387 ng/ul

RT: 12.96 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BM026094.D

Acq: 23 May 2020 00:01

Instrument :

BNA_M

ClientSampleId :

F9B21

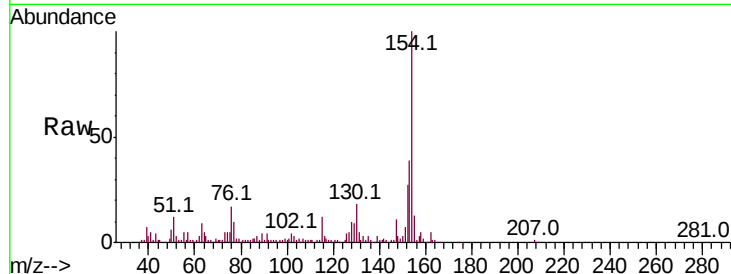
Tot Ion:154 Resp: 109159

Ion Ratio Lower Upper

154 100

153 38.7 32.3 48.5

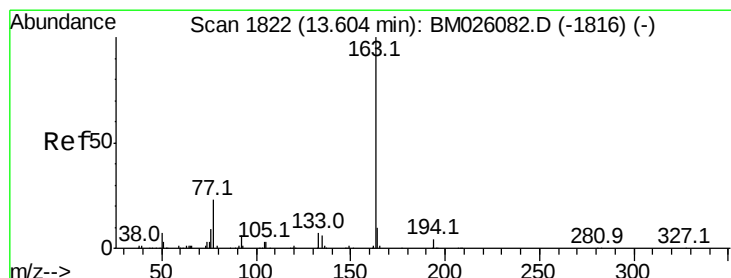
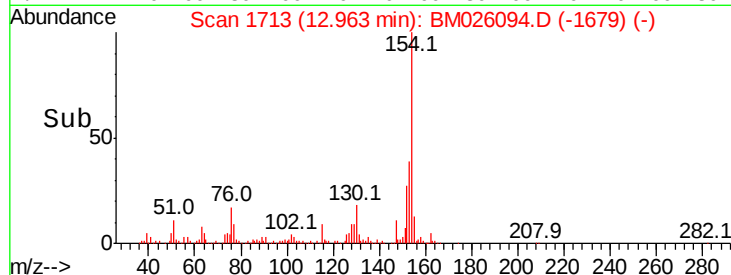
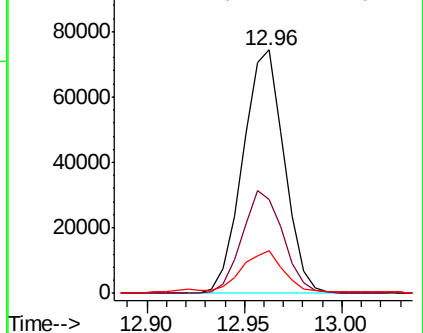
76 17.4 13.0 19.6



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: 4.083 ng/ul

RT: 13.61 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BM026094.D

Acq: 23 May 2020 00:01

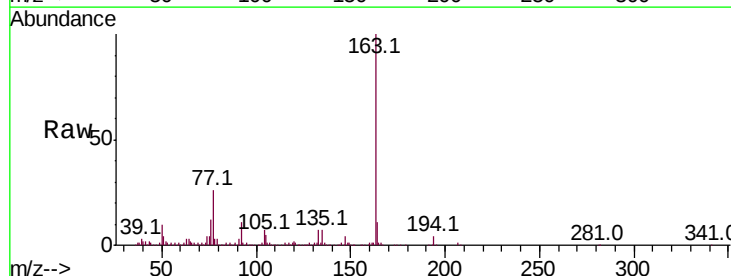
Tgt Ion:163 Resp: 177179

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

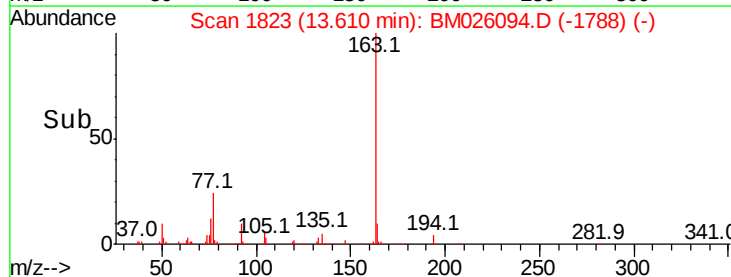
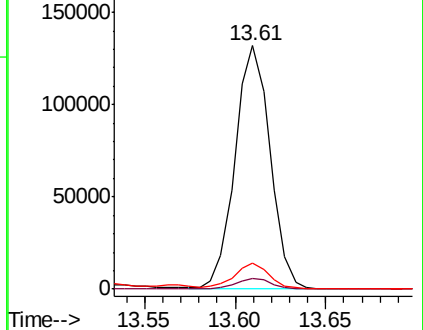
164 10.6 8.0 12.0

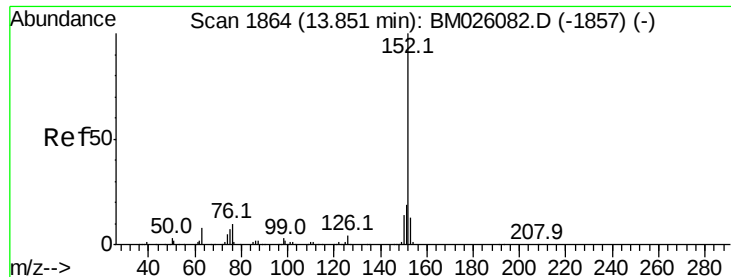


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 4.271 ng/ul

RT: 13.85 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BM026094.D

Acq: 23 May 2020 00:01

Instrument :

BNA_M

ClientSampleId :

F9B21

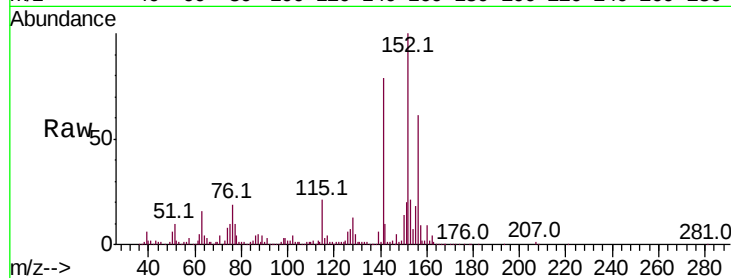
Tot Ion:152 Resp: 229613

Ion Ratio Lower Upper

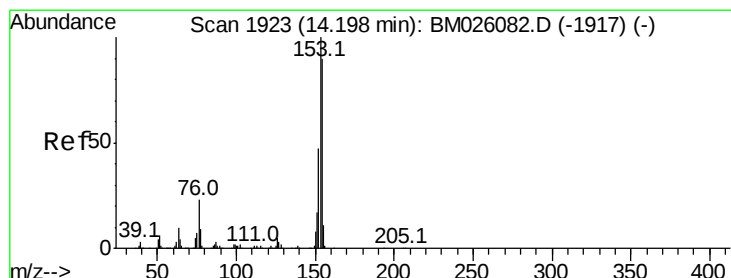
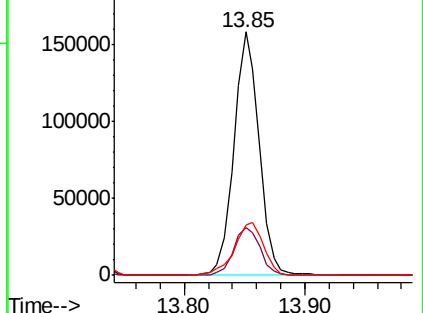
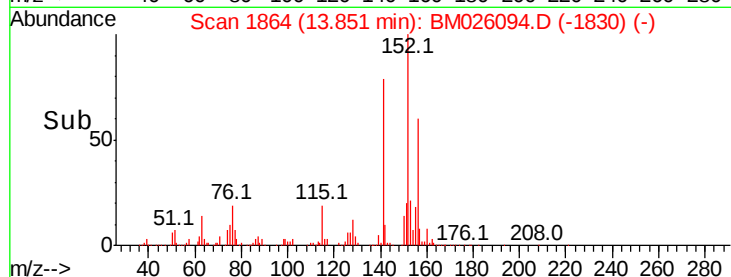
152 100

151 19.7 15.7 23.5

153 20.7 10.2 15.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 360.889 ng/ul

RT: 14.22 min Scan# 1927

Delta R.T. 0.02 min

Lab File: BM026094.D

Acq: 23 May 2020 00:01

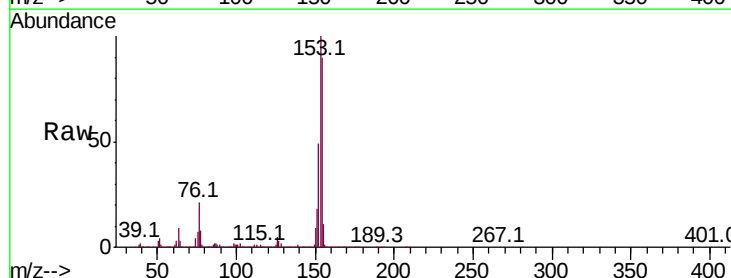
Tgt Ion:153 Resp:13683916

Ion Ratio Lower Upper

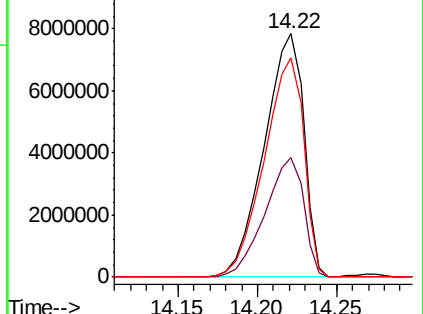
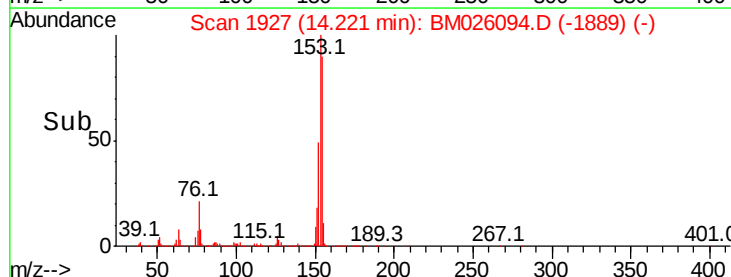
153 100

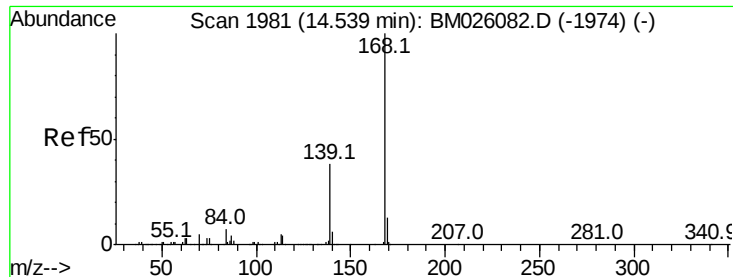
152 48.9 37.2 55.8

154 89.9 69.8 104.8



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 199.152 ng/ul

RT: 14.55 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BM026094.D

Acq: 23 May 2020 00:01

Instrument :

BNA_M

ClientSampleId :

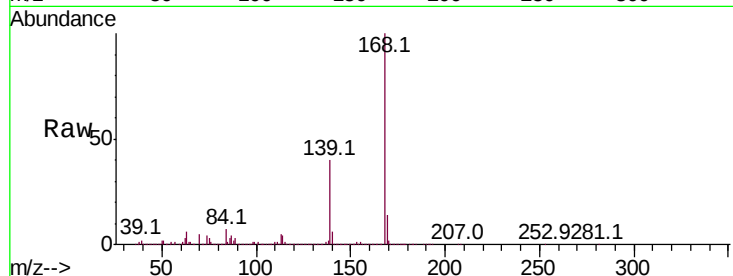
F9B21

Tot Ion:168 Resp:10612212

Ion Ratio Lower Upper

168 100

139 39.8 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

8000000

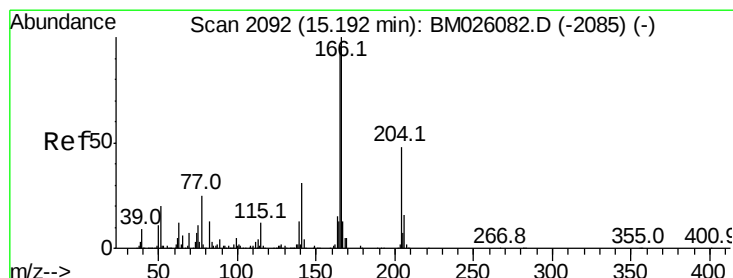
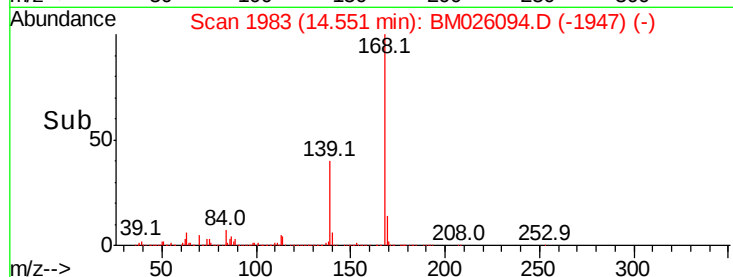
6000000

4000000

2000000

0

Time--> 14.45 14.50 14.55 14.60



#59

Fluorene

Concen: 157.714 ng/ul

RT: 15.20 min Scan# 2094

Delta R.T. 0.01 min

Lab File: BM026094.D

Acq: 23 May 2020 00:01

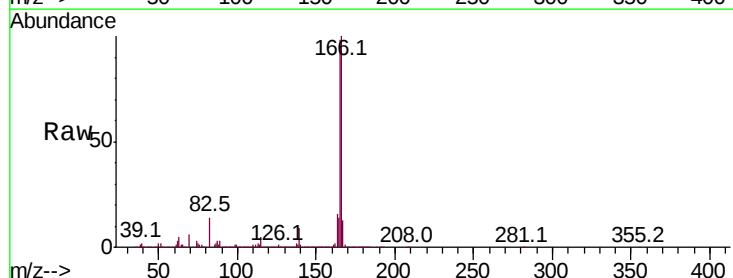
Tgt Ion:166 Resp: 6798343

Ion Ratio Lower Upper

166 100

165 98.2 77.3 115.9

167 13.4 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

6000000

5000000

4000000

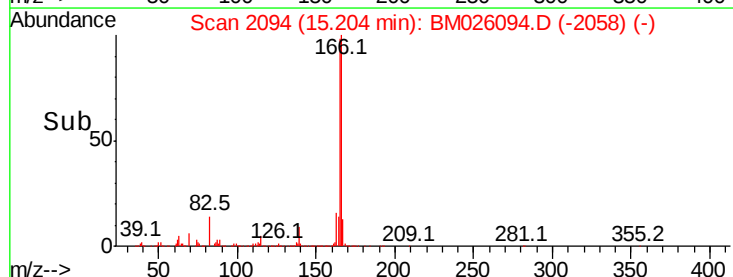
3000000

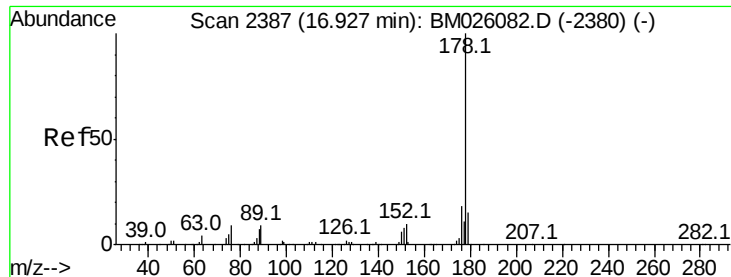
2000000

1000000

0

Time--> 15.15 15.20 15.25





#70

Phenanthrene

Concen: 97.665 ng/ul

RT: 16.93 min Scan# 2388

Delta R.T. 0.01 min

Lab File: BM026094.D

Acq: 23 May 2020 00:01

Instrument :

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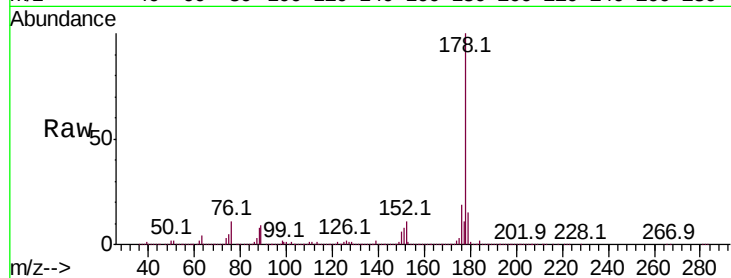
Tot Ion:178 Resp: 6580551

Ion Ratio Lower Upper

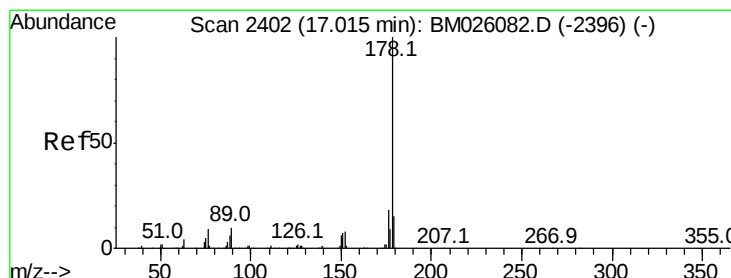
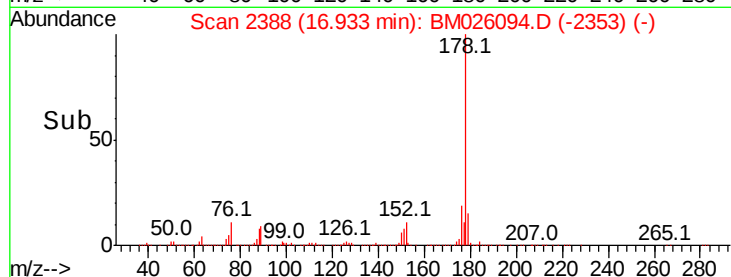
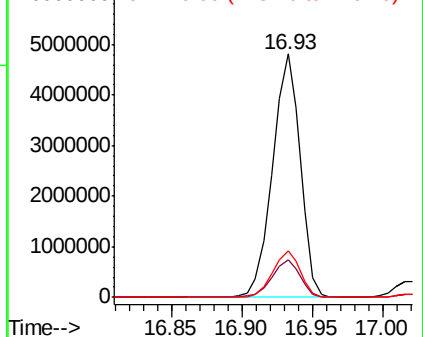
178 100

179 15.4 11.9 17.9

176 18.9 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



#72

Anthracene

Concen: 6.378 ng/ul

RT: 17.02 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BM026094.D

Acq: 23 May 2020 00:01

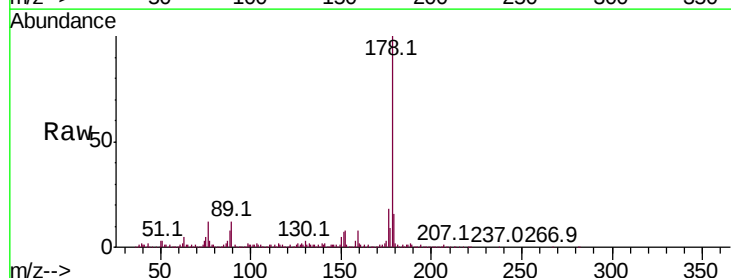
Tgt Ion:178 Resp: 431129

Ion Ratio Lower Upper

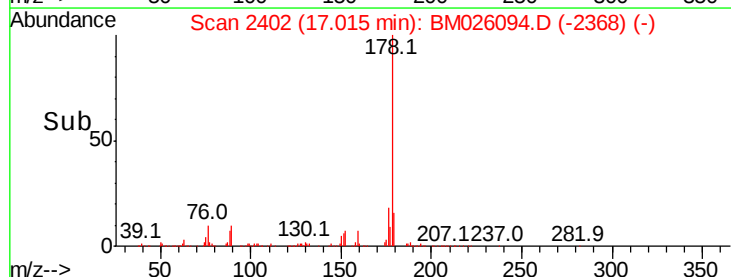
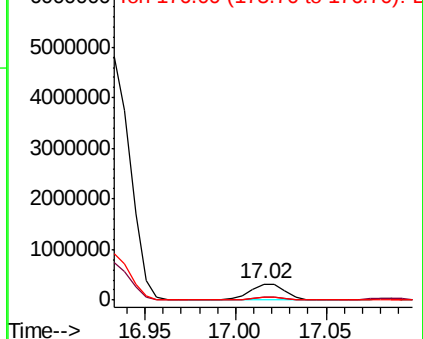
178 100

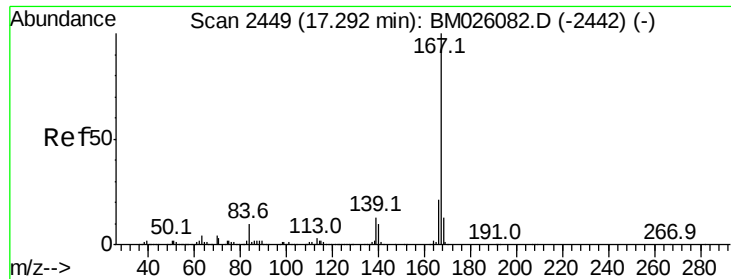
179 16.3 12.2 18.4

176 18.2 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: 105.170 ng/ul

RT: 17.30 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BM026094.D

Acq: 23 May 2020 00:01

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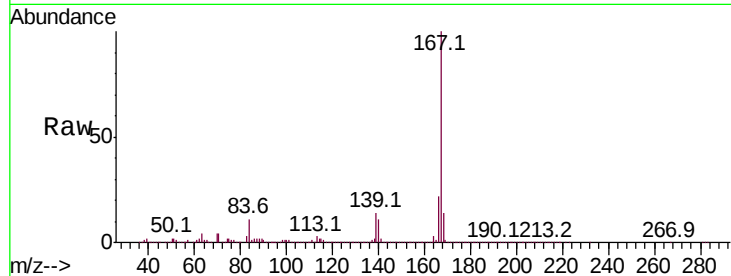
Tot Ion:167 Resp: 5881608

Ion Ratio Lower Upper

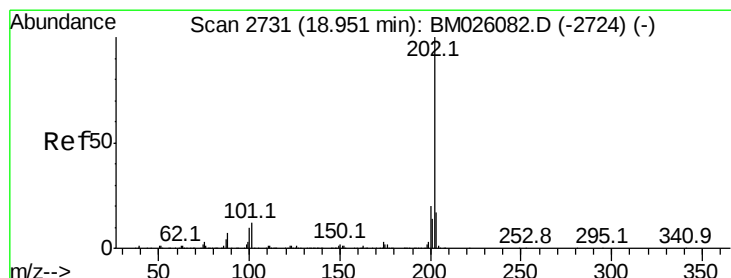
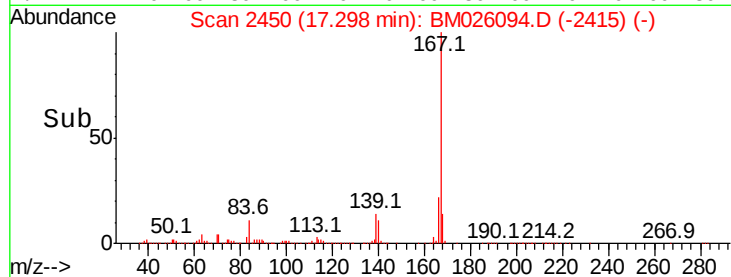
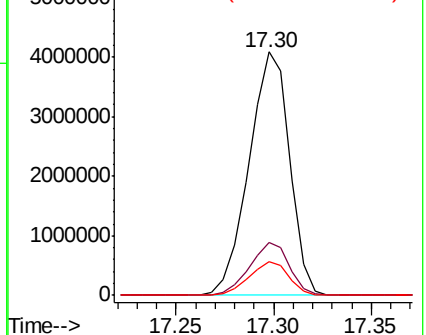
167 100

166 21.7 16.6 25.0

139 13.6 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: 14.769 ng/ul

RT: 18.95 min Scan# 2731

Delta R.T. -0.00 min

Lab File: BM026094.D

Acq: 23 May 2020 00:01

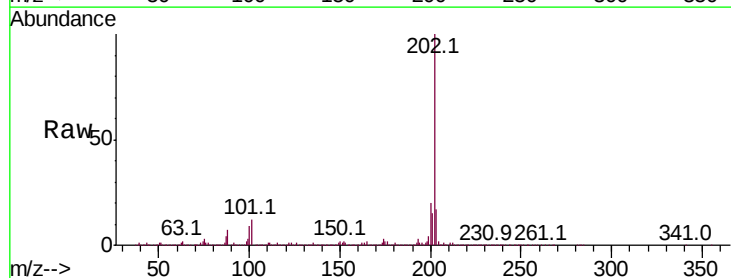
Tgt Ion:202 Resp: 1043830

Ion Ratio Lower Upper

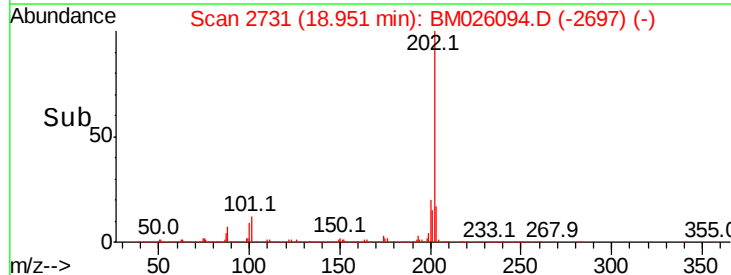
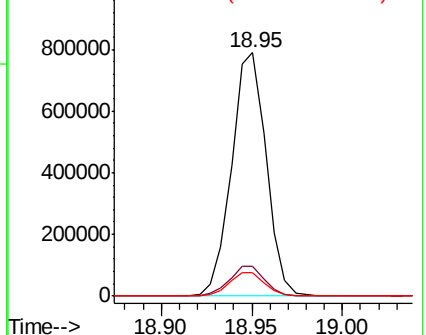
202 100

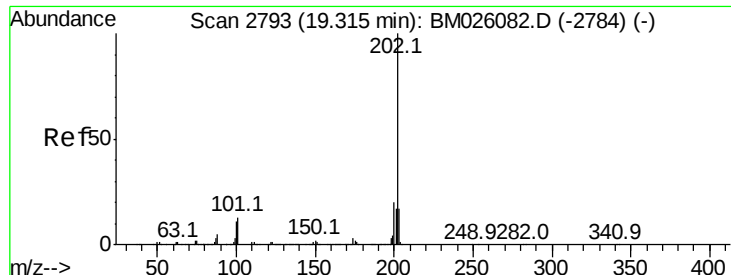
101 12.2 9.5 14.3

100 9.5 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





#80

Pvrene

Concen: 6.969 ng/ul

RT: 19.31 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM026094.D

Acq: 23 May 2020 00:01

Instrument :

BNA_M

ClientSampleId :

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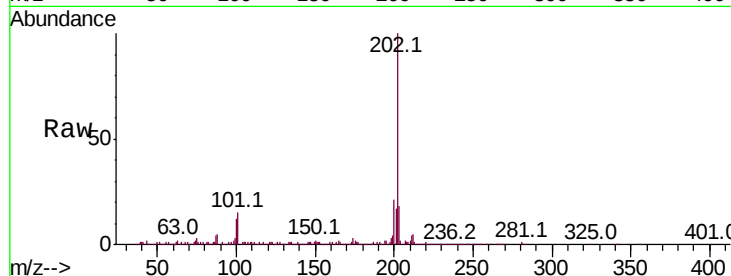
Tot Ion:202 Resp: 538298

Ion Ratio Lower Upper

202 100

101 14.6 12.2 18.4

100 12.1 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

