

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP032921\
 Data File : BP005096.D
 Acq On : 30 Mar 2021 09:41
 Operator : CG/JU
 Sample : M1800-06DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 D8HE8DL

Quant Time: Mar 30 10:14:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 29 15:02:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	30518	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	132794	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	88227	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	196270	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	210050	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	209220	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.89	99	3645	1.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	7989	5.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	8926	4.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	6074	3.03	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	5223	5.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	5562	5.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	10250	4.85	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.78	166	40876	6.38	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	46523	5.86	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.36	176	35623	6.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	5919	4.57	ng/ul	0.00
71) Anthracene-d10	17.22	188	58950	6.67	ng/ul	0.00
79) Pyrene-d10	19.47	212	66788	6.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	71029	6.61	ng/ul	-0.01

Target Compounds

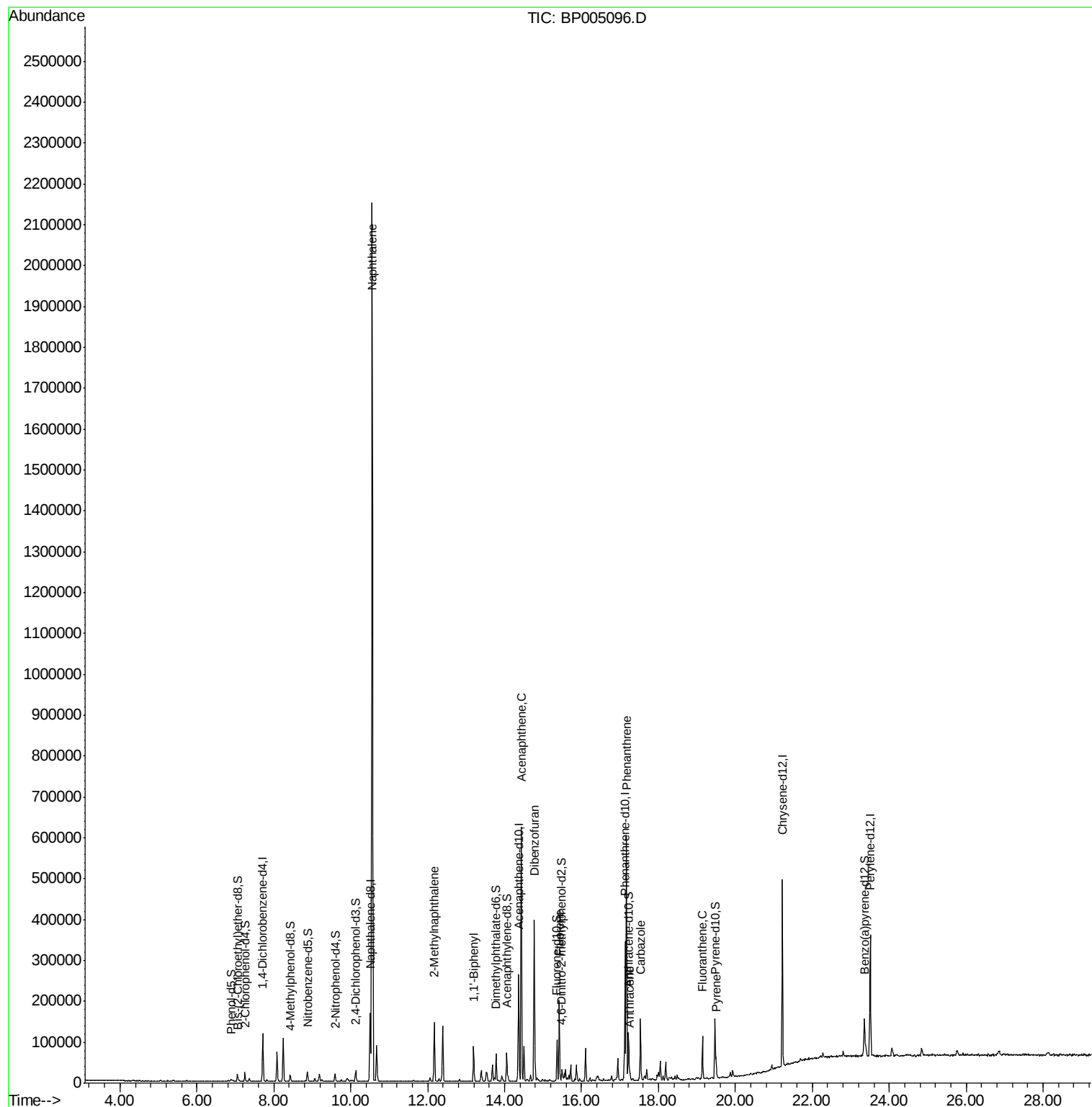
					Ovalue	
28) Naphthalene	10.56	128	1671173	239.064	ng/ul	99
34) 2-Methylnaphthalene	12.17	142	67651	13.526	ng/ul	100
41) 1,1'-Biphenyl	13.19	154	42918	6.462	ng/ul	99
50) Acenaphthene	14.43	153	238450	43.967	ng/ul	99
54) Dibenzofuran	14.77	168	225378	28.457	ng/ul	98
59) Fluorene	15.42	166	80072	12.259	ng/ul	97
70) Phenanthrene	17.17	178	322894	30.626	ng/ul	99
72) Anthracene	17.26	178	12614	1.184	ng/ul	95
75) Carbazole	17.53	167	87332	9.473	ng/ul	99
77) Fluoranthene	19.15	202	55762	4.475	ng/ul	99
80) Pyrene	19.50	202	29896	2.301	ng/ul	99

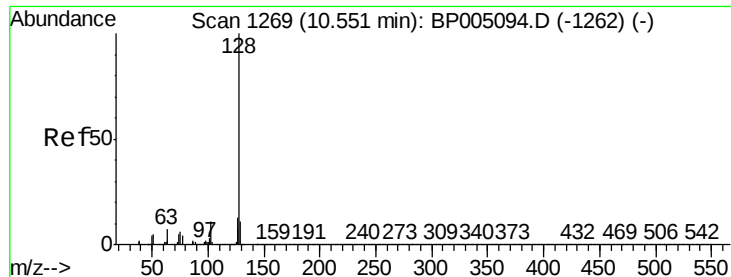
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 29 15:02:46 2021
Response via : Initial Calibration





#28

Naphthalene

Concen: 239.064 ng/ul

RT: 10.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BP005096.D

Acq: 30 Mar 2021 09:41

Instrument :

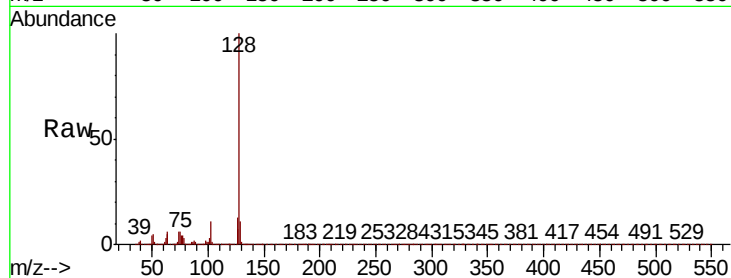
BNA_P

ClientSampleId :

D8HE8DL

Tot Ion:128 Resp: 1671173

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.3	10.3	15.5

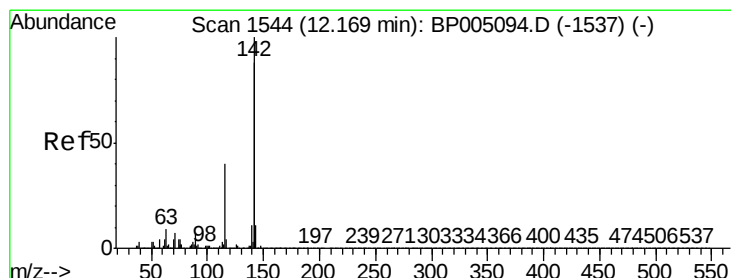
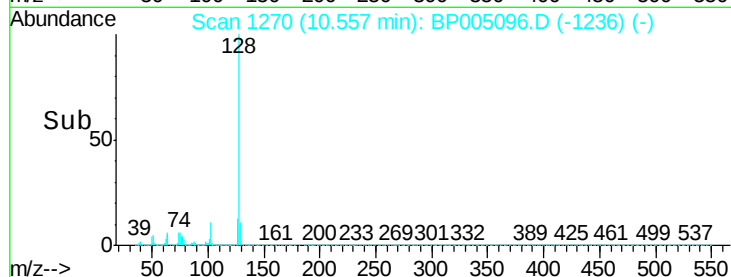
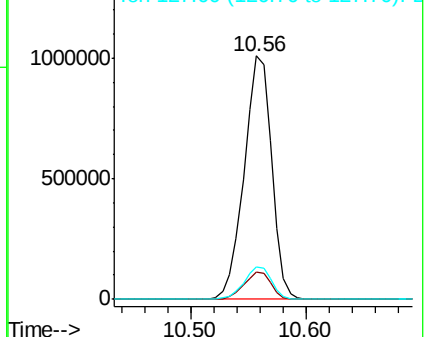


Abundance

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: 13.526 ng/ul

RT: 12.17 min Scan# 1545

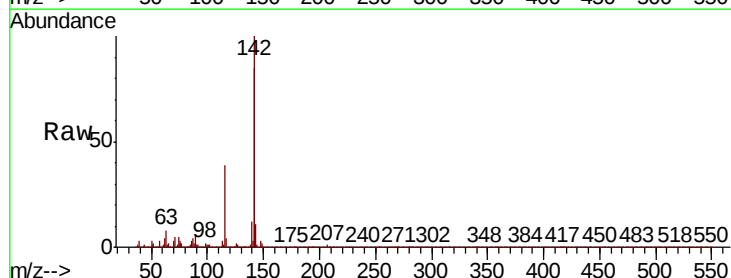
Delta R.T. -0.00 min

Lab File: BP005096.D

Acq: 30 Mar 2021 09:41

Tgt Ion:142 Resp: 67651

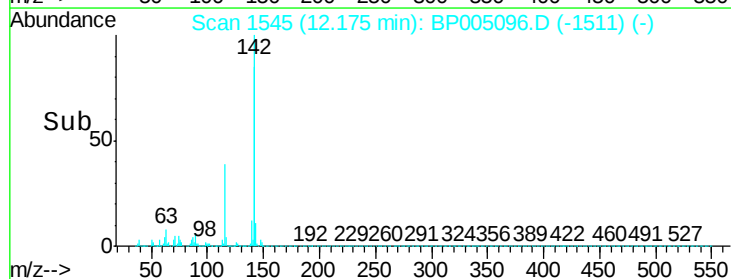
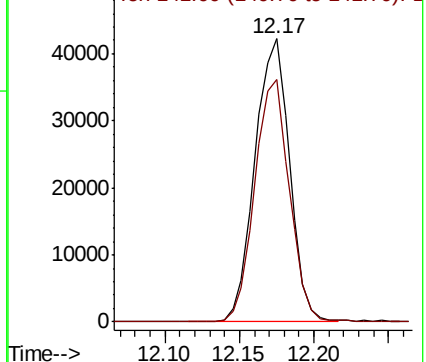
Ion	Ratio	Lower	Upper
142	100		
141	85.5	68.6	102.8

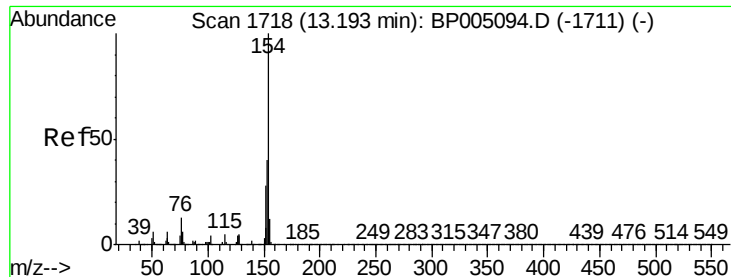


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#41

1,1'-Biphenyl

Concen: 6.462 ng/ul

RT: 13.19 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BP005096.D

Acq: 30 Mar 2021 09:41

Instrument :

BNA_P

ClientSampleId :

D8HE8DL

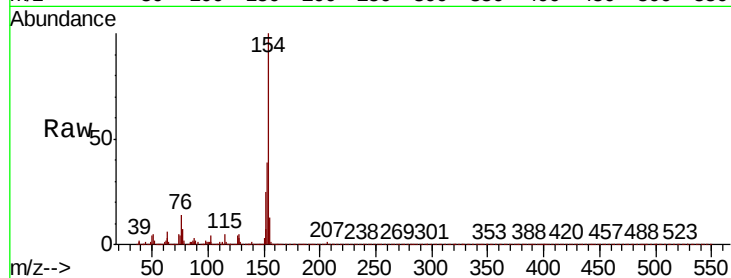
Tot Ion:154 Resp: 42918

Ion Ratio Lower Upper

154 100

153 39.3 31.3 46.9

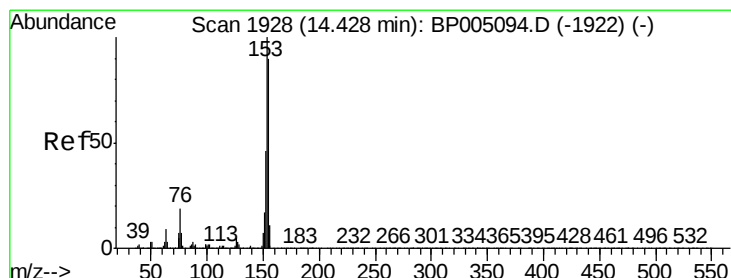
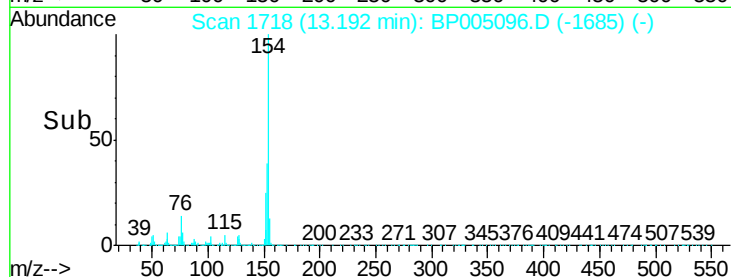
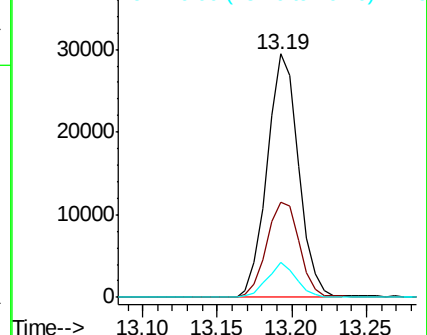
76 14.4 10.7 16.1



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): BP0



#50

Acenaphthene

Concen: 43.967 ng/ul

RT: 14.43 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BP005096.D

Acq: 30 Mar 2021 09:41

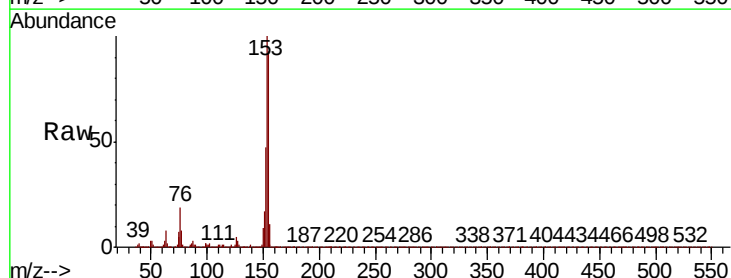
Tgt Ion:153 Resp: 238450

Ion Ratio Lower Upper

153 100

152 47.2 37.5 56.3

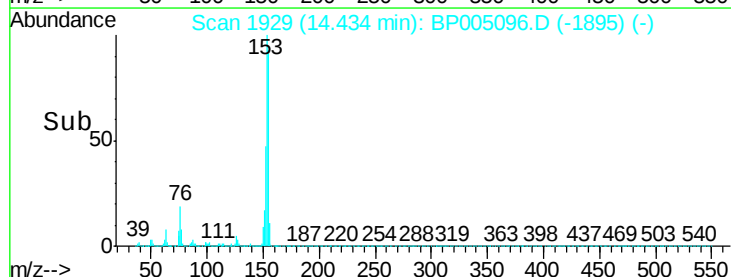
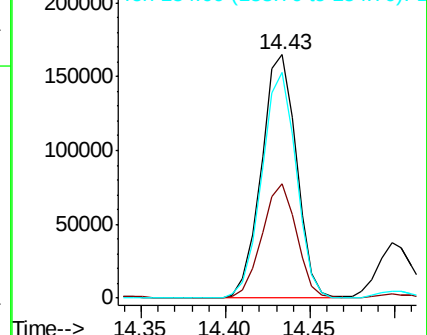
154 92.5 73.4 110.0

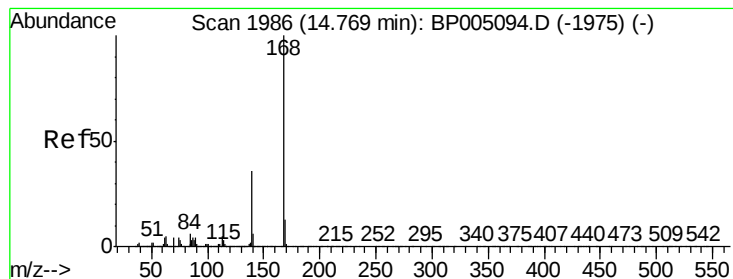


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 28.457 ng/ul

RT: 14.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BP005096.D

Acq: 30 Mar 2021 09:41

Instrument :

BNA_P

ClientSampleId :

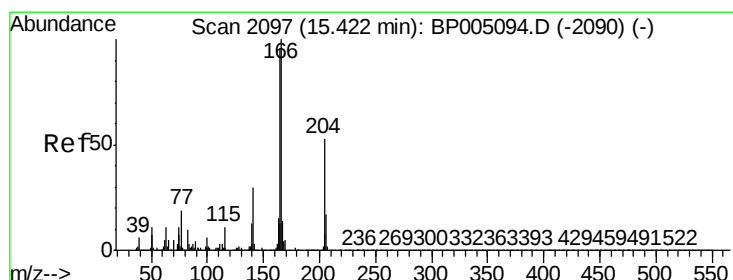
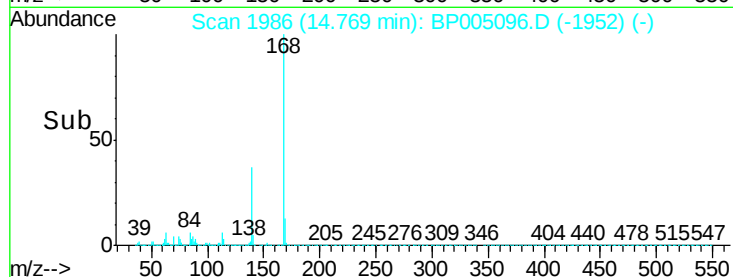
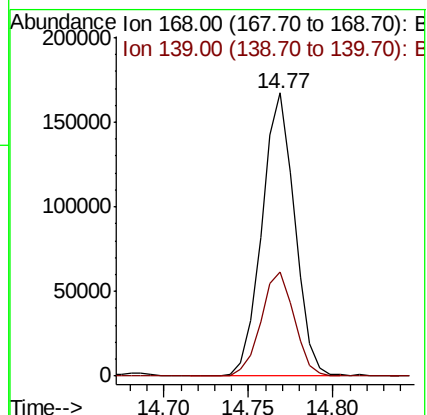
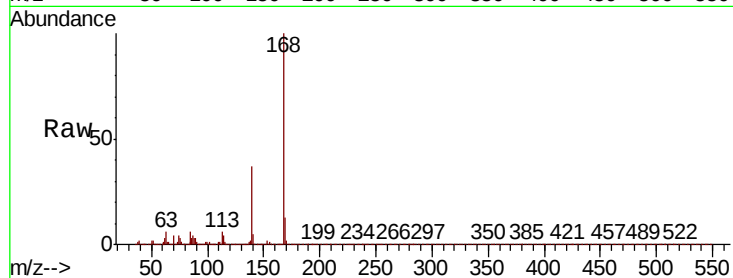
D8HE8DL

Tot Ion:168 Resp: 225378

Ion Ratio Lower Upper

168 100

139 37.0 28.6 43.0



#59

Fluorene

Concen: 12.259 ng/ul

RT: 15.42 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BP005096.D

Acq: 30 Mar 2021 09:41

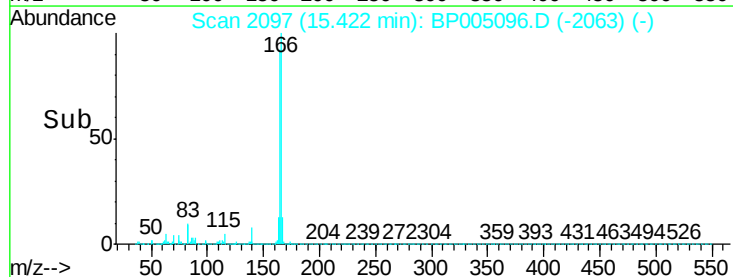
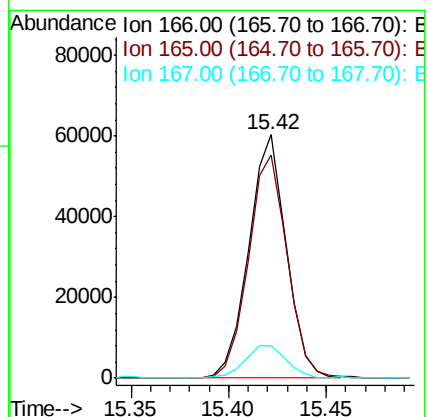
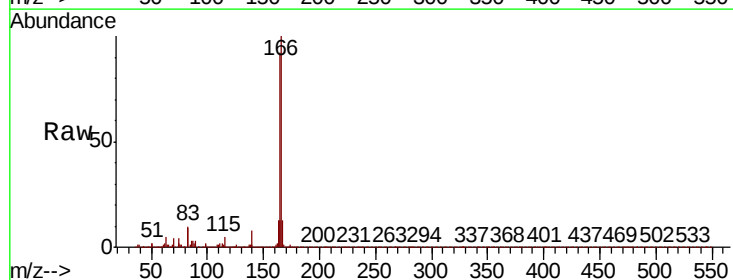
Tgt Ion:166 Resp: 80072

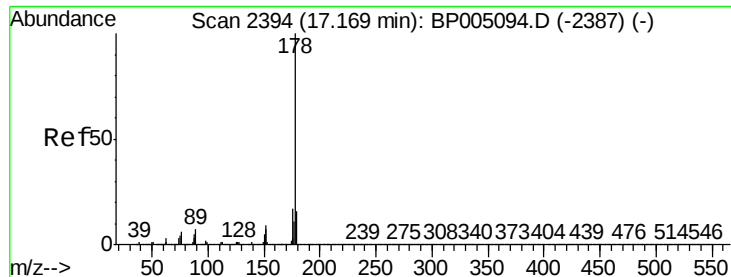
Ion Ratio Lower Upper

166 100

165 91.7 76.1 114.1

167 13.3 11.3 16.9





#70

Phenanthrene

Concen: 30.626 ng/ul

RT: 17.17 min Scan# 2394

Delta R.T. -0.00 min

Lab File: BP005096.D

Acq: 30 Mar 2021 09:41

Instrument :

BNA_P

ClientSampleId :

D8HE8DL

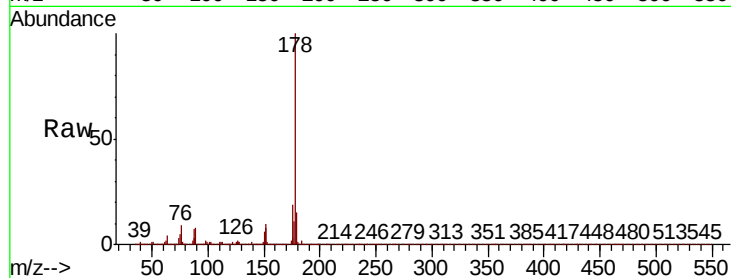
Tot Ion:178 Resp: 322894

Ion Ratio Lower Upper

178 100

179 14.7 12.3 18.5

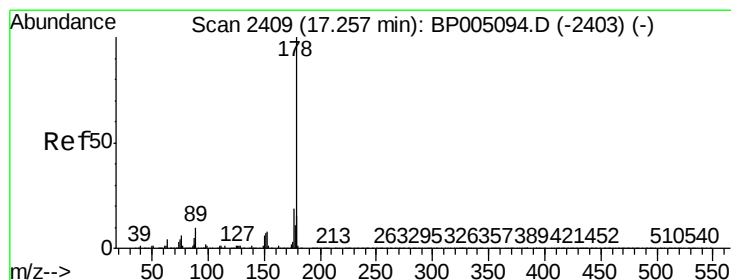
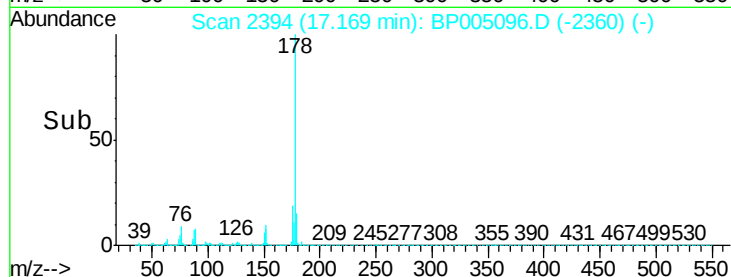
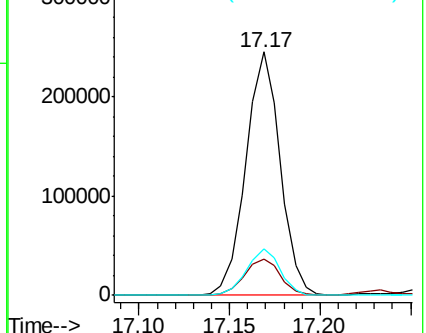
176 19.0 15.0 22.4



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: 1.184 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BP005096.D

Acq: 30 Mar 2021 09:41

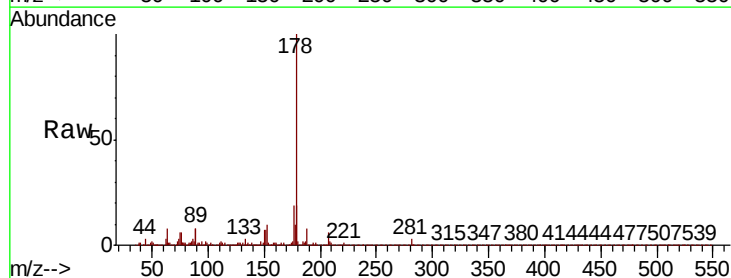
Tgt Ion:178 Resp: 12614

Ion Ratio Lower Upper

178 100

179 18.8 12.6 19.0

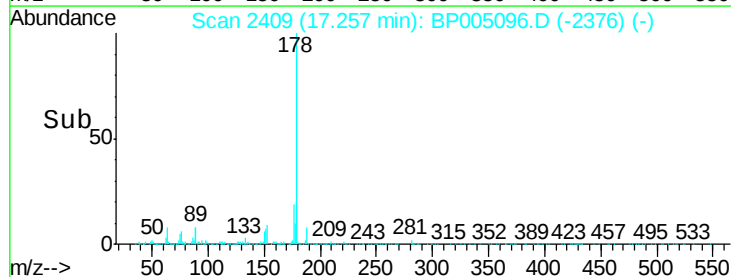
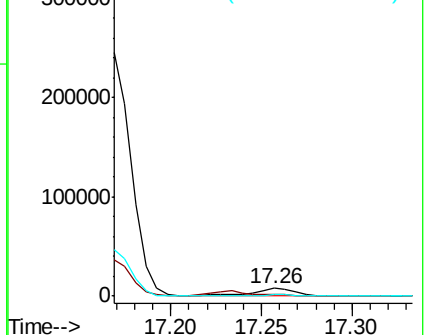
176 19.0 13.8 20.8

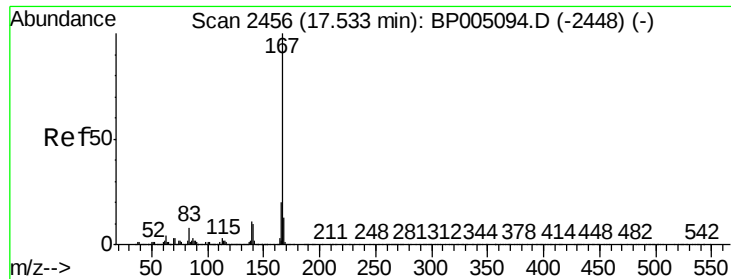


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 9.473 ng/ul

RT: 17.53 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BP005096.D

Acq: 30 Mar 2021 09:41

Instrument :

BNA_P

ClientSampleId :

D8HE8DL

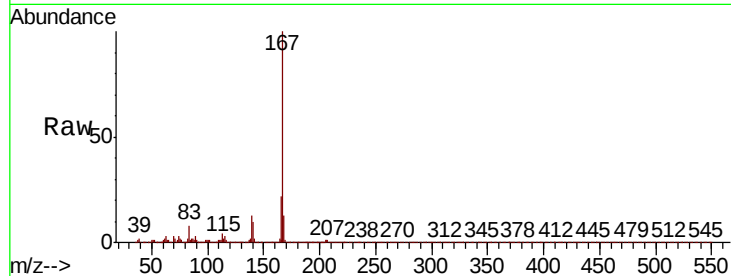
Tot Ion:167 Resp: 87332

Ion Ratio Lower Upper

167 100

166 22.1 17.2 25.8

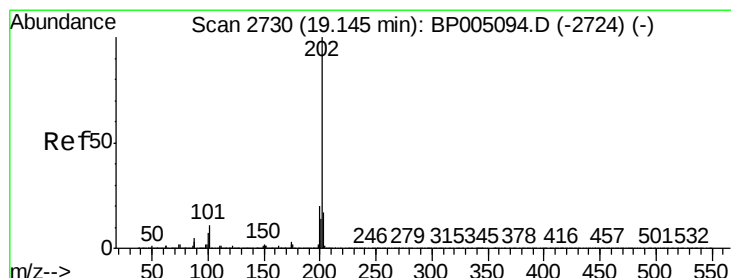
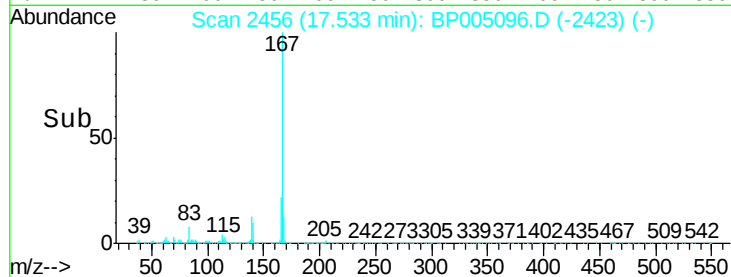
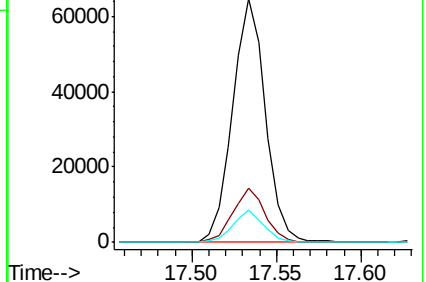
139 13.1 10.4 15.6



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: 4.475 ng/ul

RT: 19.15 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BP005096.D

Acq: 30 Mar 2021 09:41

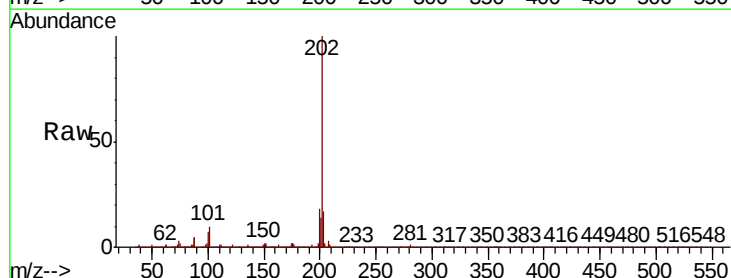
Tgt Ion:202 Resp: 55762

Ion Ratio Lower Upper

202 100

101 10.2 8.3 12.5

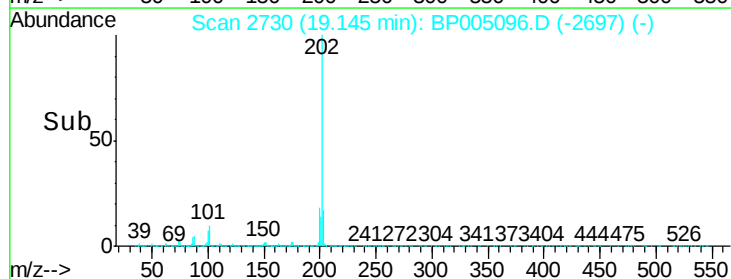
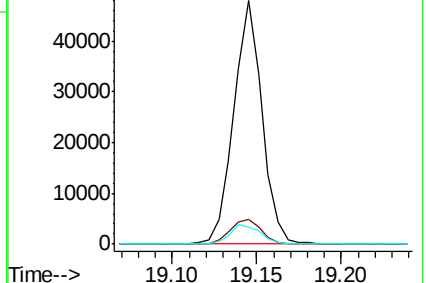
100 7.1 5.9 8.9

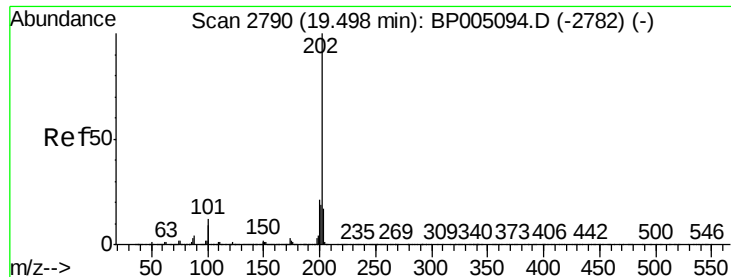


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

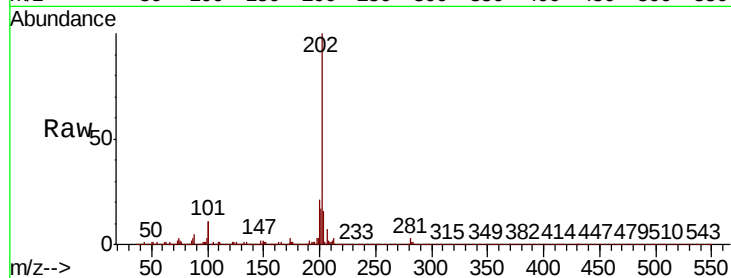




#80
 Pvrene
 Concen: 2.301 ng/ul
 RT: 19.50 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BP005096.D
 Acq: 30 Mar 2021 09:41

Instrument :
 BNA_P
 ClientSampleId :
 D8HE8DL

Tot Ion:	202	Resp:	29896
Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.3	13.9
100	10.6	8.2	12.4



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

