

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090623\
 Data File : BP016973.D
 Acq On : 07 Sep 2023 01:56
 Operator : MA/JU
 Sample : 04154-01DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AG8DL

Quant Time: Sep 07 02:37:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 06 01:52:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

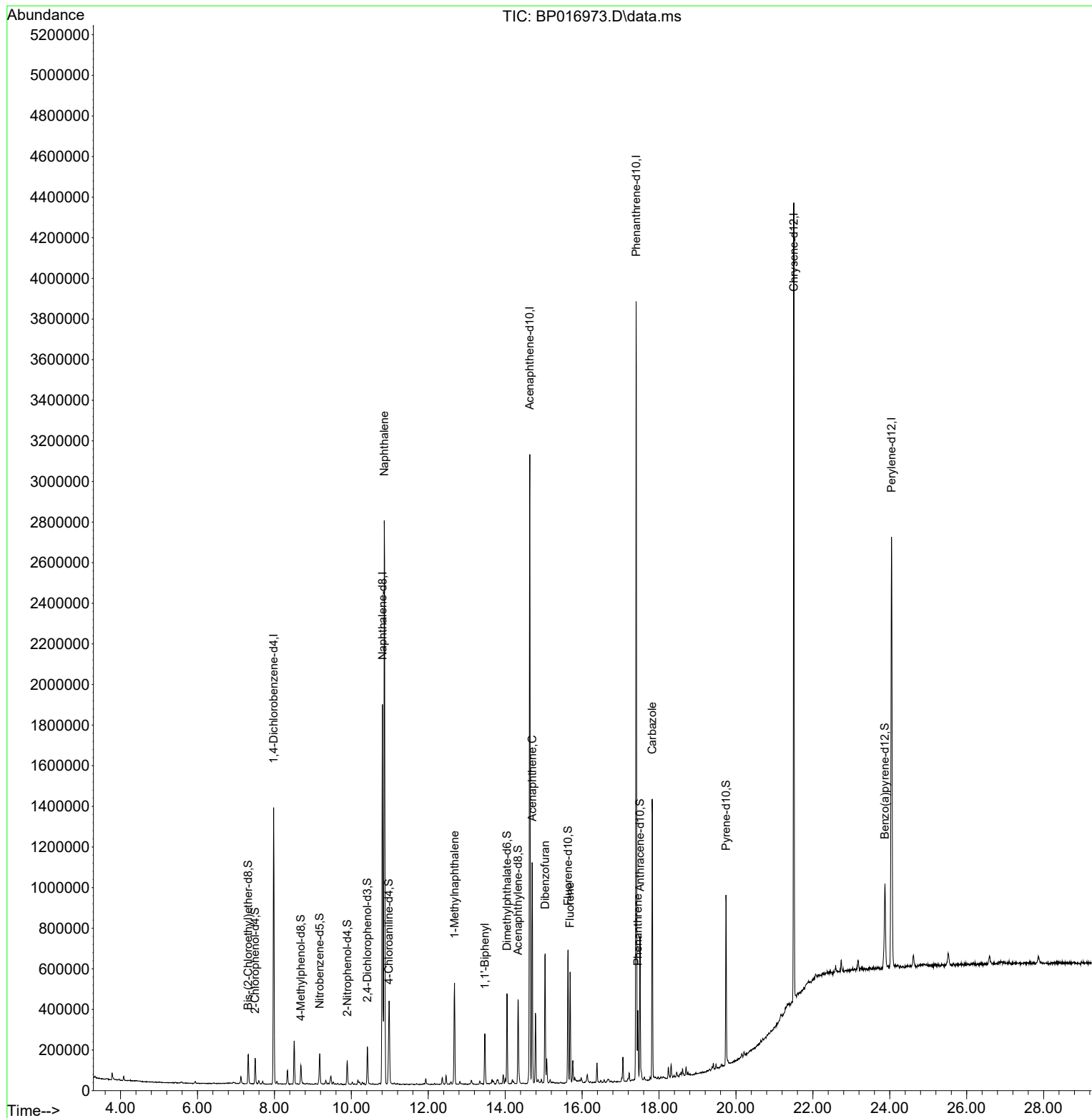
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	348126	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	1500467	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	965719	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	2112142	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	1659150	20.000	ng/u1	0.00
88) Perylene-d12	24.045	264	1543154	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	2711	0.295	ng/uL	0.00
4) Pyridine-d5	3.781	84	20664	0.786	ng/u1	0.02
7) Phenol-d5	7.128	99	19027	0.598	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	66544	3.345	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	54585	2.371	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	35213	1.453	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	34328	2.949	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	32090	2.543	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	61366	2.634	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	78881	2.347	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	278257	3.871	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	261105	3.147	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	0.00
60) Fluorene-d10	15.633	176	234204	3.805	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	0.00
73) Anthracene-d10	17.504	188	371533	3.830	ng/u1	0.00
81) Pyrene-d10	19.739	212	411018	4.067	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	292427	3.735	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.857	128	2179785	26.623	ng/u1	99
37) 1-Methylnaphthalene	12.681	142	214345	3.935	ng/u1	99
43) 1,1'-Biphenyl	13.469	154	110538	1.446	ng/u1	97
52) Acenaphthene	14.704	153	424984	6.557	ng/u1	99
56) Dibenzofuran	15.039	168	400514	4.494	ng/u1	97
61) Fluorene	15.686	166	225161	3.065	ng/u1	99
72) Phenanthrene	17.451	178	195210	1.663	ng/u1	99
77) Carbazole	17.822	167	807918	7.620	ng/u1	100

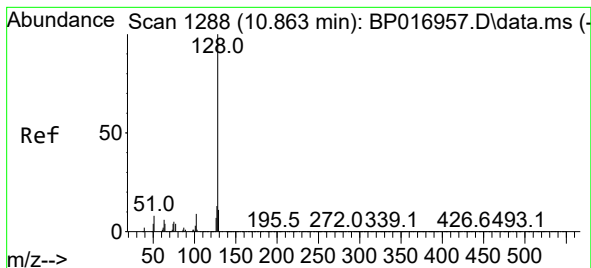
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#30

Naphthalene

Concen: 26.623 ng/ul

RT: 10.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP016973.D

Acq: 07 Sep 2023 01:56

Instrument :

BNA_P

ClientSampleId :

C0AG8DL

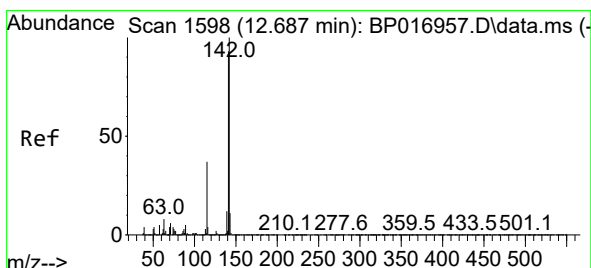
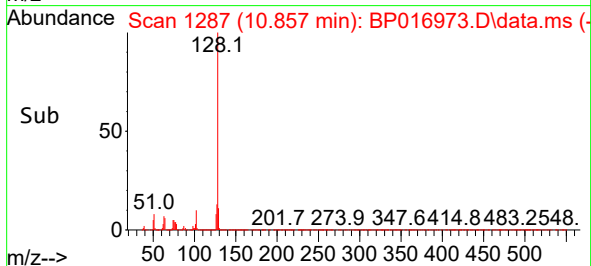
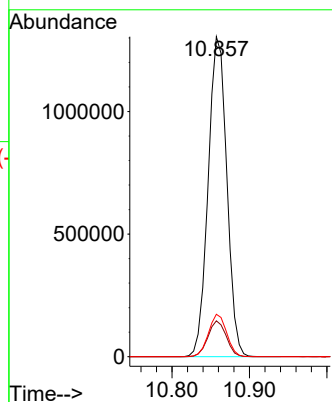
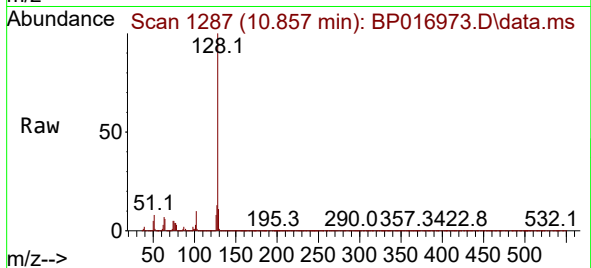
Tgt Ion:128 Resp: 2179785

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.3 10.3 15.5



#37

1-Methylnaphthalene

Concen: 3.935 ng/ul

RT: 12.681 min Scan# 1597

Delta R.T. -0.006 min

Lab File: BP016973.D

Acq: 07 Sep 2023 01:56

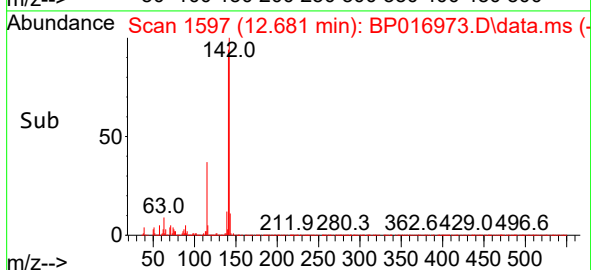
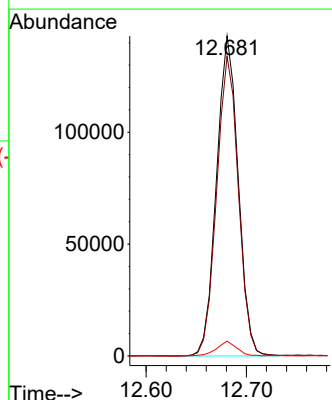
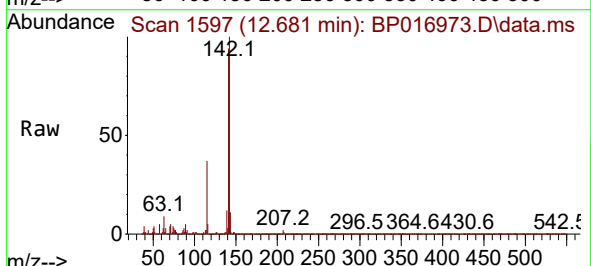
Tgt Ion:142 Resp: 214345

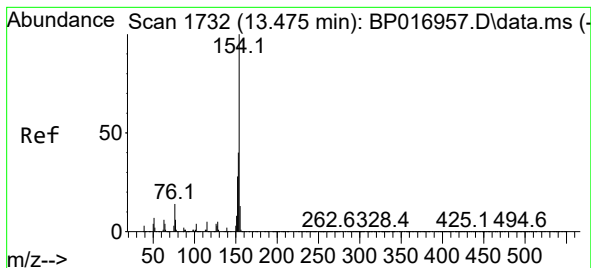
Ion Ratio Lower Upper

142 100

141 93.6 74.5 111.7

116 4.7 3.1 4.7





#43

1,1'-Biphenyl

Concen: 1.446 ng/ul

RT: 13.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016973.D

Acq: 07 Sep 2023 01:56

Instrument :

BNA_P

ClientSampleId :

C0AG8DL

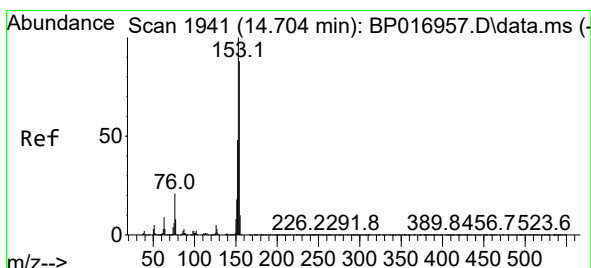
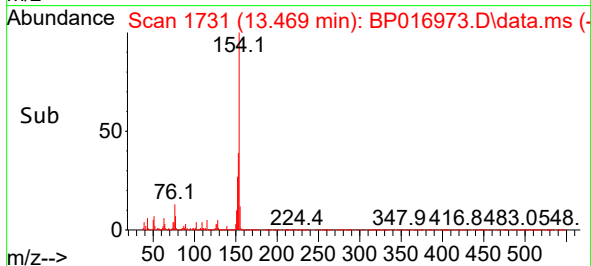
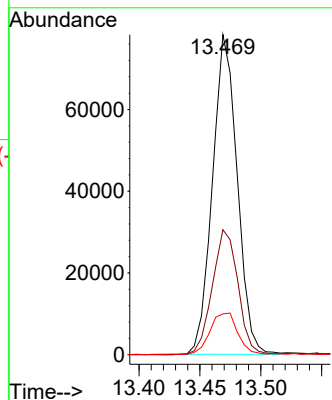
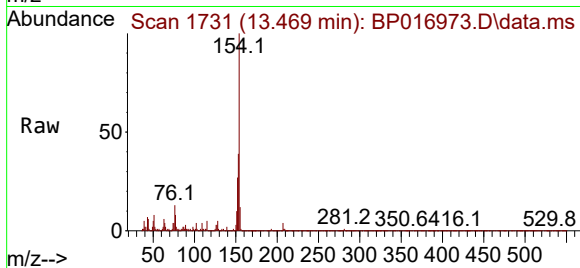
Tgt Ion:154 Resp: 110538

Ion Ratio Lower Upper

154 100

153 39.1 32.7 49.1

76 12.7 11.5 17.3



#52

Acenaphthene

Concen: 6.557 ng/ul

RT: 14.704 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BP016973.D

Acq: 07 Sep 2023 01:56

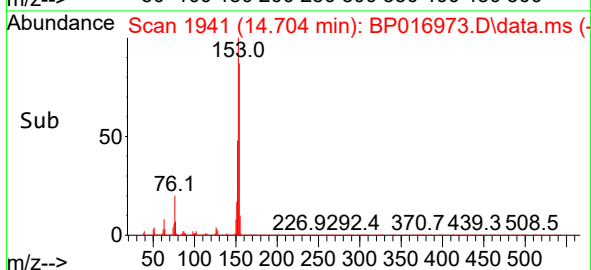
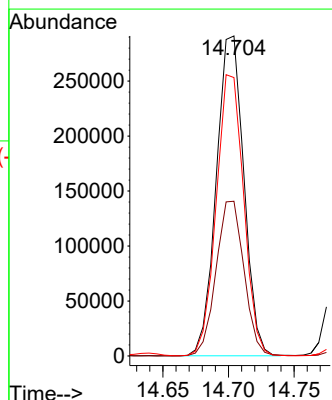
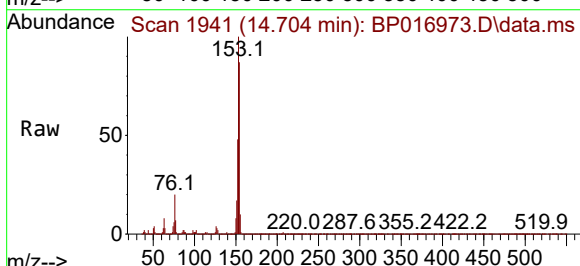
Tgt Ion:153 Resp: 424984

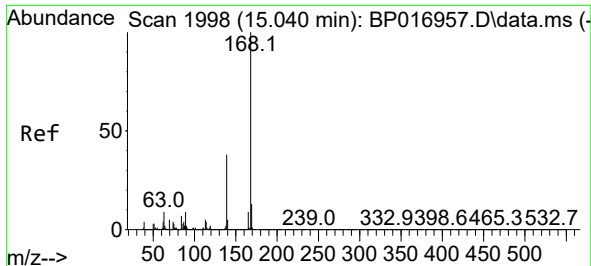
Ion Ratio Lower Upper

153 100

152 48.4 38.6 57.8

154 87.0 70.2 105.4

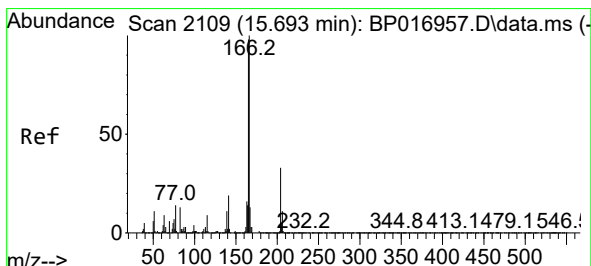
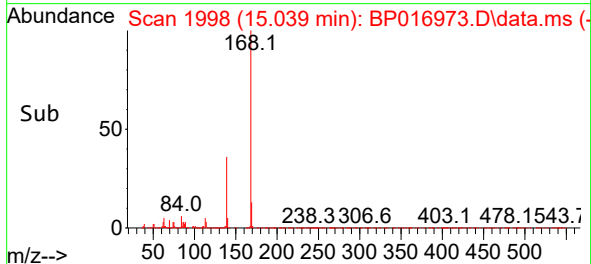
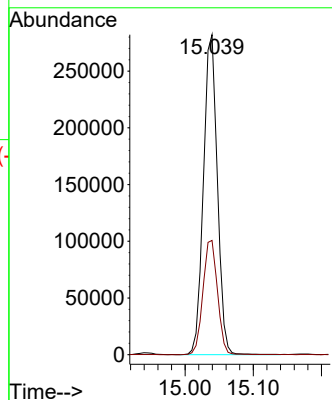
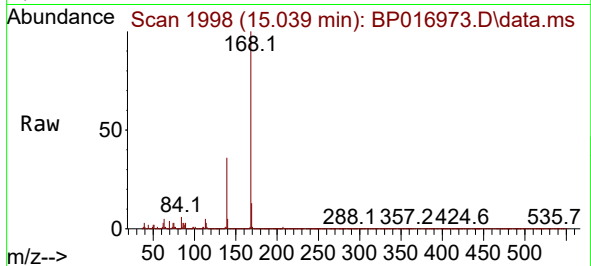




#56
Dibenzenofuran
Concen: 4.494 ng/ul
RT: 15.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BP016973.D
Acq: 07 Sep 2023 01:56

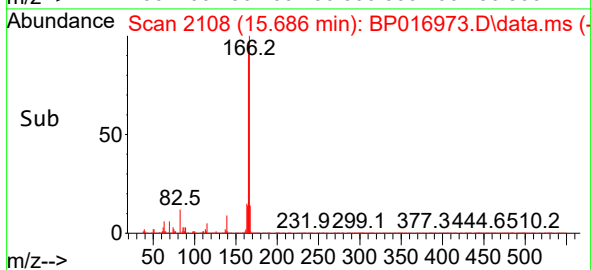
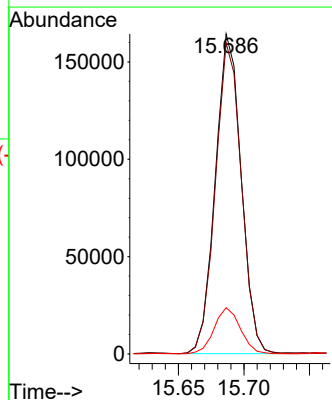
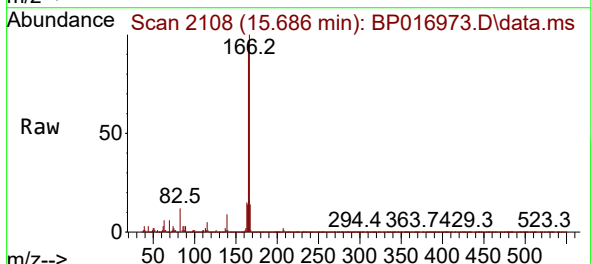
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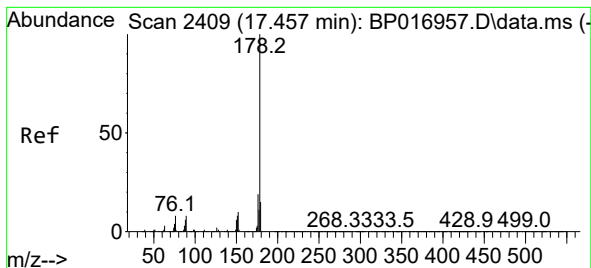
Tgt Ion:168 Resp: 400514
Ion Ratio Lower Upper
168 100
139 35.7 30.1 45.1



#61
Fluorene
Concen: 3.065 ng/ul
RT: 15.686 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP016973.D
Acq: 07 Sep 2023 01:56

Tgt Ion:166 Resp: 225161
Ion Ratio Lower Upper
166 100
165 97.2 78.3 117.5
167 14.5 10.6 16.0





#72

Phenanthrene

Concen: 1.663 ng/ul

RT: 17.451 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BP016973.D

Acq: 07 Sep 2023 01:56

Instrument :

BNA_P

ClientSampleId :

C0AG8DL

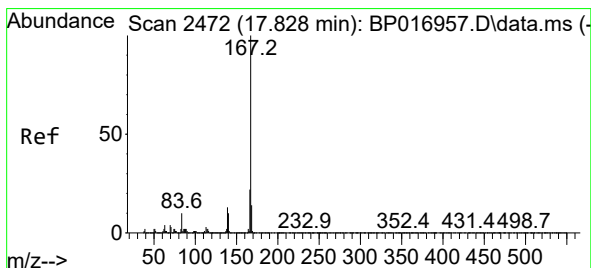
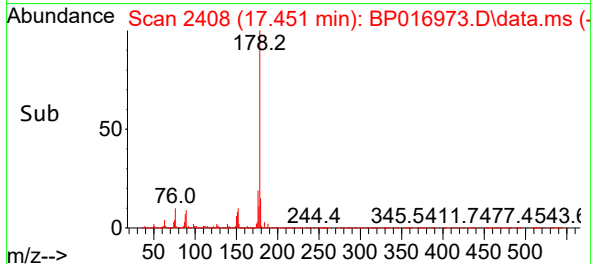
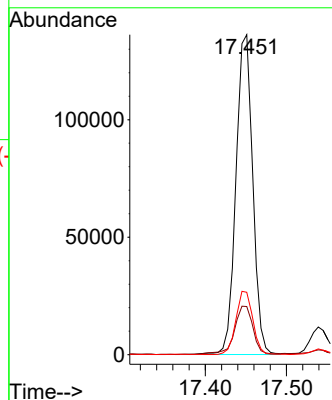
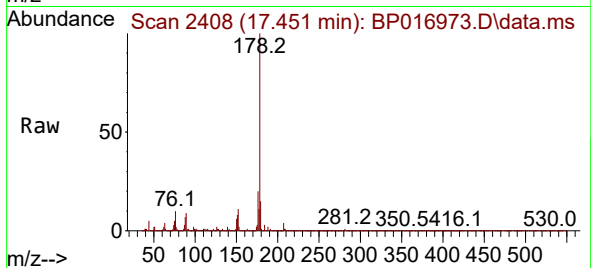
Tgt Ion:178 Resp: 195210

Ion Ratio Lower Upper

178 100

179 15.0 12.5 18.7

176 19.5 15.8 23.8



#77

Carbazole

Concen: 7.620 ng/ul

RT: 17.822 min Scan# 2471

Delta R.T. -0.006 min

Lab File: BP016973.D

Acq: 07 Sep 2023 01:56

Tgt Ion:167 Resp: 807918

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 12.8 10.3 15.5

