

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
 Data File : BP016698.D
 Acq On : 22 Aug 2023 11:44
 Operator : MA/JU
 Sample : 04059-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AG6

Quant Time: Aug 23 00:43:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

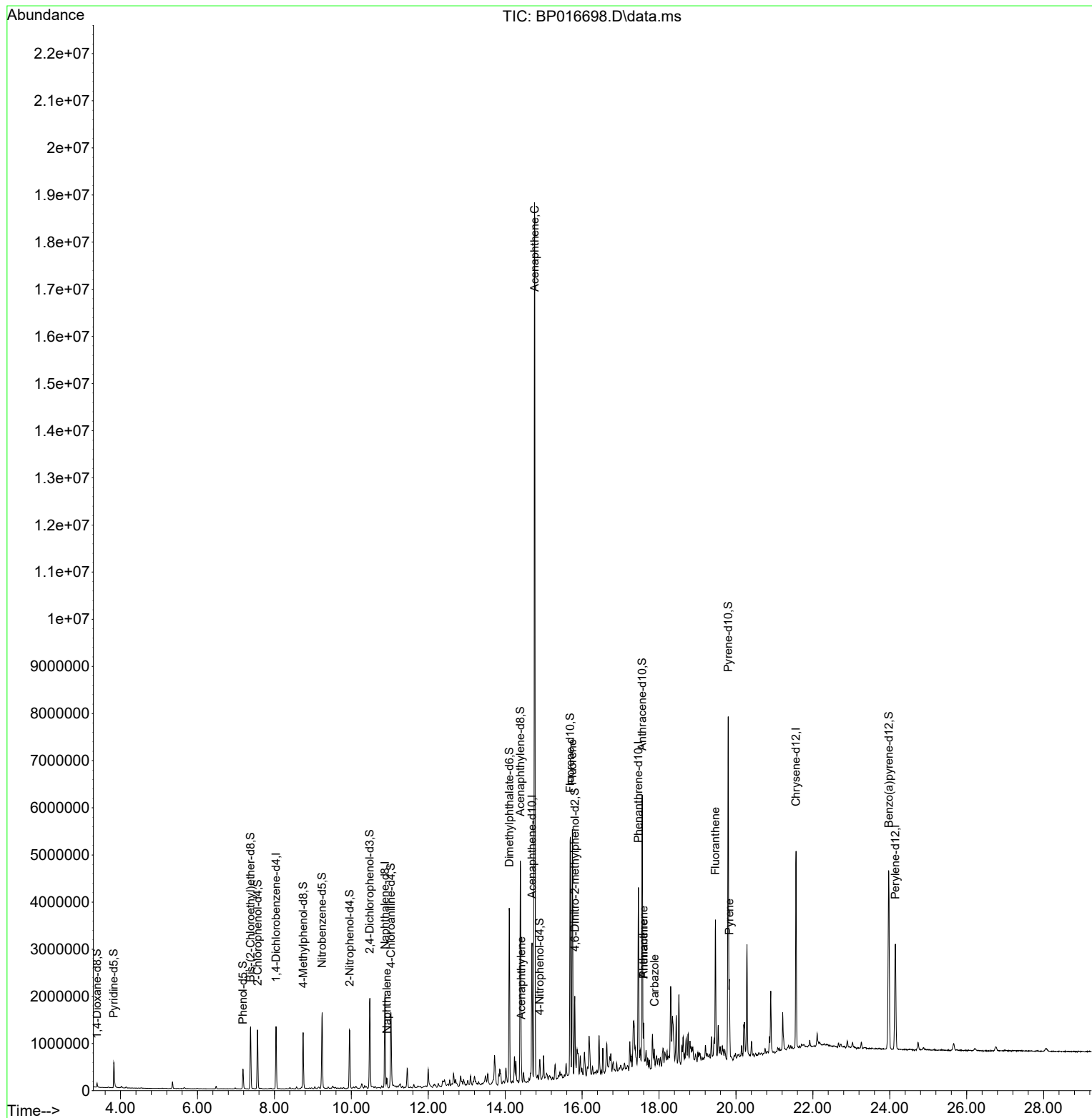
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	336315	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.875	136	1568308	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.698	164	961088	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	2066869	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1784594	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1758810	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	43380	4.901	ng/uL	0.00
4) Pyridine-d5	3.822	84	313523	11.643	ng/ul	0.00
7) Phenol-d5	7.181	99	237936	7.674	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	591355	28.957	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	540794	24.284	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	423835	17.191	ng/ul	-0.01
21) Nitrobenzene-d5	9.240	128	352305	31.926	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.957	143	360634	34.409	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	622845	30.197	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.028	131	813816	22.996	ng/ul	-0.01
46) Dimethylphthalate-d6	14.110	166	2288914	32.927	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	2561149	32.642	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.898	143	88947	6.281	ng/ul	0.00
60) Fluorene-d10	15.692	176	1909868	32.227	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	288585	29.349	ng/ul	0.00
73) Anthracene-d10	17.563	188	3046212	34.073	ng/ul	0.00
81) Pyrene-d10	19.798	212	3351641	35.843	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	2886462	34.245	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.922	128	156139	1.906	ng/ul	98
50) Acenaphthylene	14.422	152	100753	1.090	ng/ul#	91
52) Acenaphthene	14.763	153	7559550	122.213	ng/ul	99
61) Fluorene	15.745	166	2195591	31.728	ng/ul	99
72) Phenanthrene	17.598	178	376998	3.462	ng/ul	99
74) Anthracene	17.598	178	382901	3.501	ng/ul	98
77) Carbazole	17.881	167	219267	2.175	ng/ul	99
80) Fluoranthene	19.469	202	1566601	14.037	ng/ul	100
82) Pyrene	19.827	202	820846	6.965	ng/ul	96

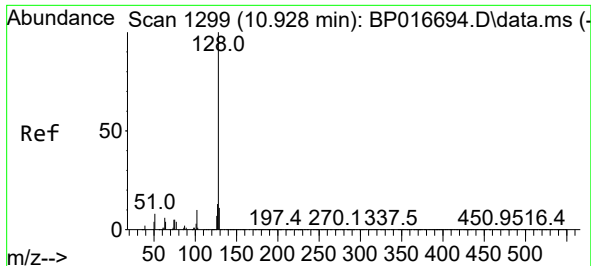
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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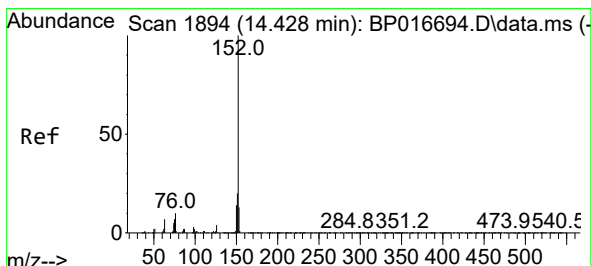
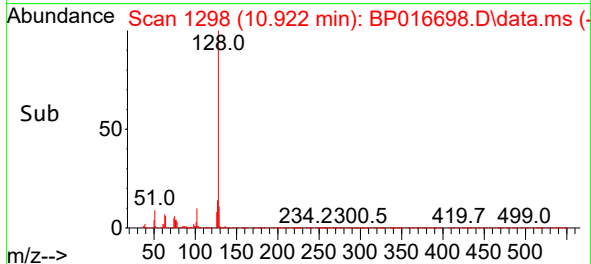
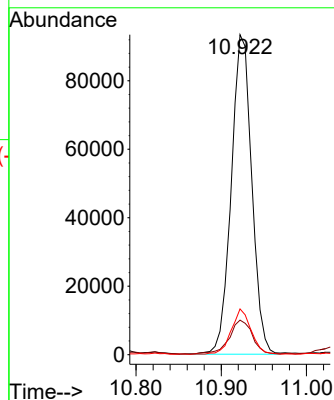
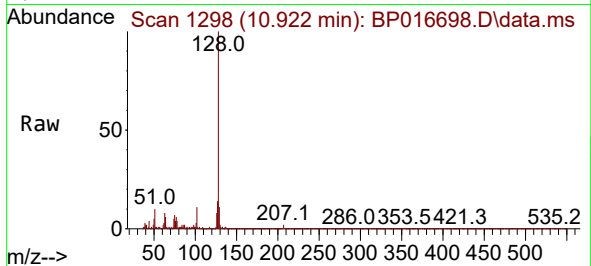




#30
Naphthalene
Concen: 1.906 ng/ul
RT: 10.922 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BP016698.D
Acq: 22 Aug 2023 11:44

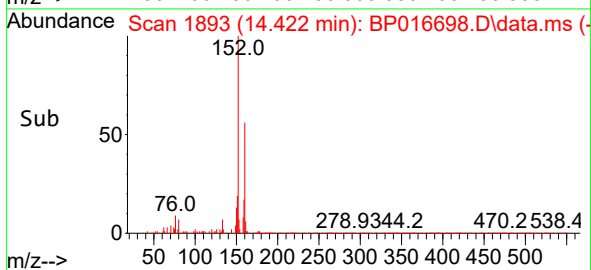
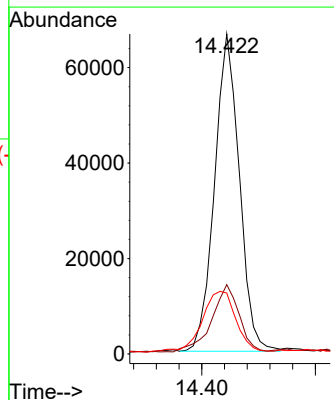
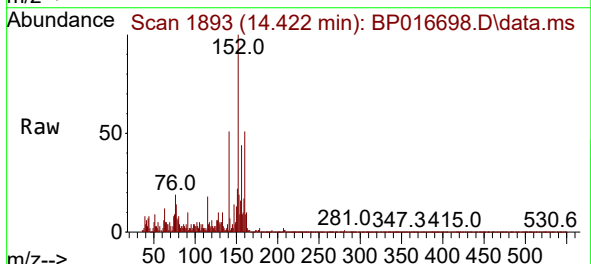
Instrument :
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C0AG6

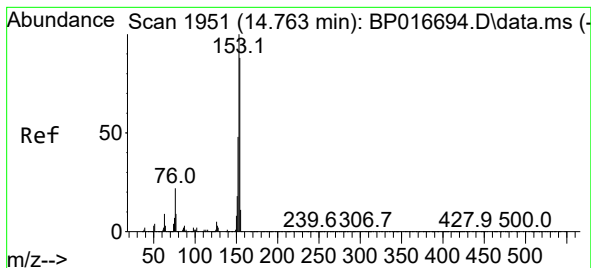
Tgt Ion:128 Resp: 156139
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 14.3 10.3 15.5



#50
Acenaphthylene
Concen: 1.090 ng/ul
RT: 14.422 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BP016698.D
Acq: 22 Aug 2023 11:44

Tgt Ion:152 Resp: 100753
Ion Ratio Lower Upper
152 100
151 21.6 15.7 23.5
153 19.0 10.6 15.8#





#52

Acenaphthene

Concen: 122.213 ng/ul

RT: 14.763 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BP016698.D

Acq: 22 Aug 2023 11:44

Instrument :

BNA_P

ClientSampleId :

C0AG6

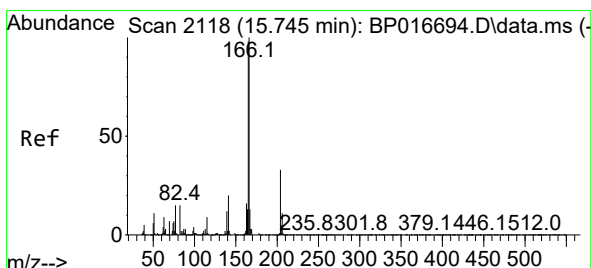
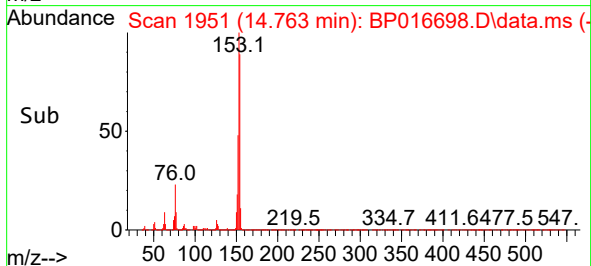
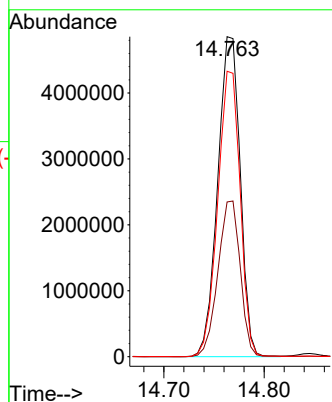
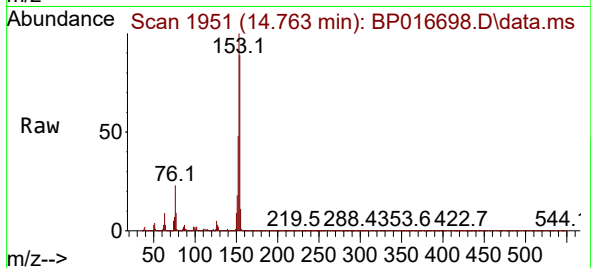
Tgt Ion:153 Resp: 7559550

Ion Ratio Lower Upper

153 100

152 48.4 38.7 58.1

154 89.2 72.0 108.0



#61

Fluorene

Concen: 31.728 ng/ul

RT: 15.745 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BP016698.D

Acq: 22 Aug 2023 11:44

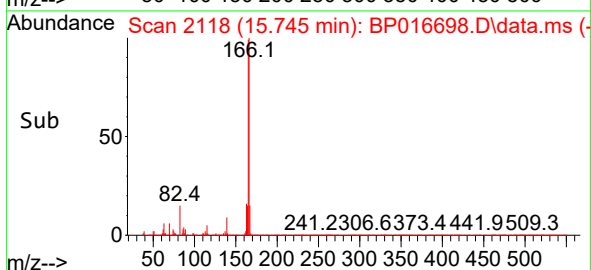
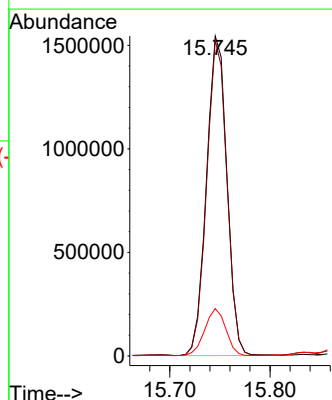
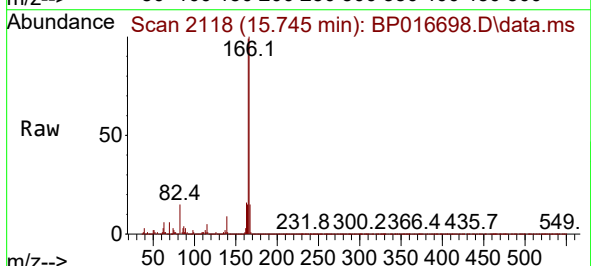
Tgt Ion:166 Resp: 2195591

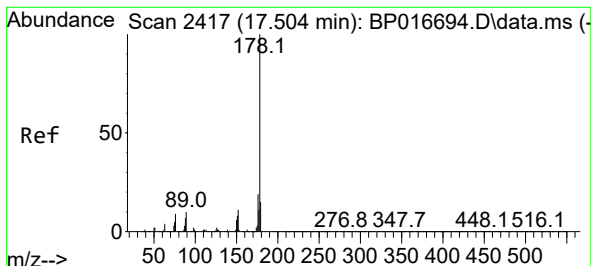
Ion Ratio Lower Upper

166 100

165 98.6 78.3 117.5

167 14.8 10.8 16.2





#72

Phenanthrene

Concen: 3.462 ng/ul

RT: 17.598 min Scan# 2417

Delta R.T. 0.088 min

Lab File: BP016698.D

Acq: 22 Aug 2023 11:44

Instrument :

BNA_P

ClientSampleId :

C0AG6

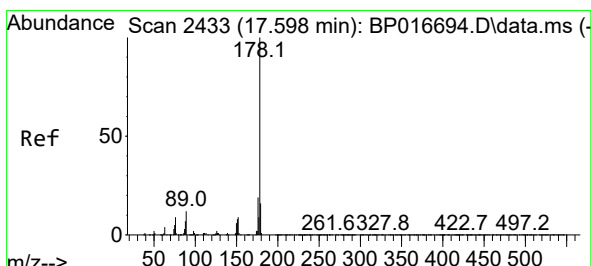
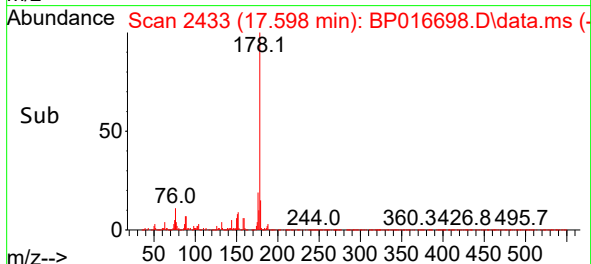
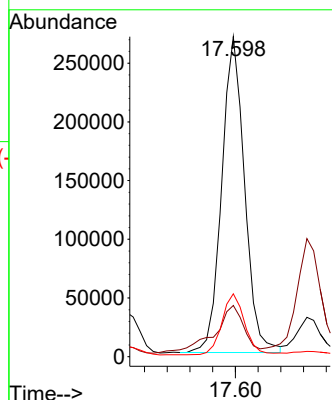
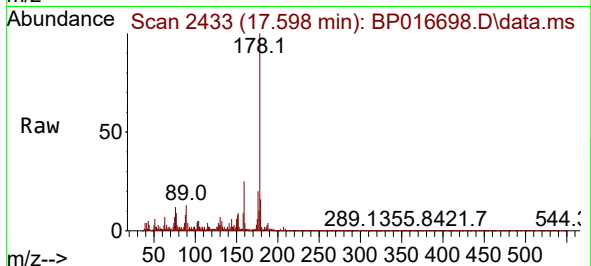
Tgt Ion:178 Resp: 376998

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

176 19.7 15.5 23.3



#74

Anthracene

Concen: 3.501 ng/ul

RT: 17.598 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP016698.D

Acq: 22 Aug 2023 11:44

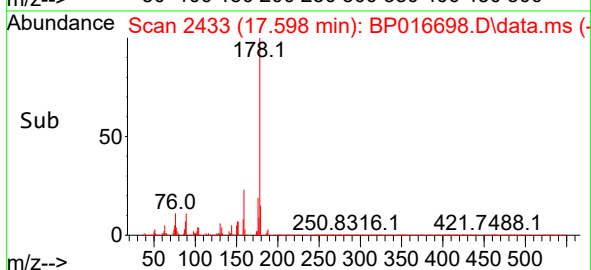
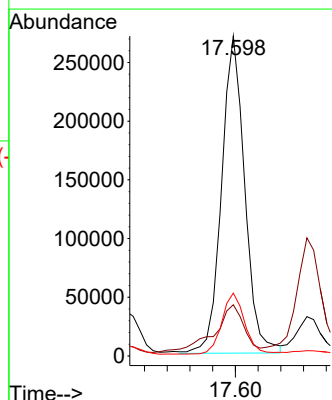
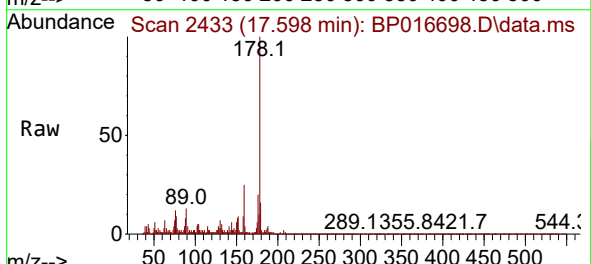
Tgt Ion:178 Resp: 382901

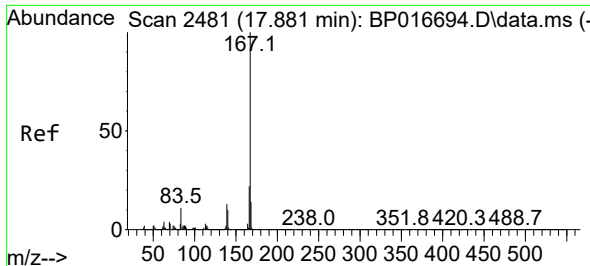
Ion Ratio Lower Upper

178 100

179 16.0 12.5 18.7

176 19.7 14.9 22.3

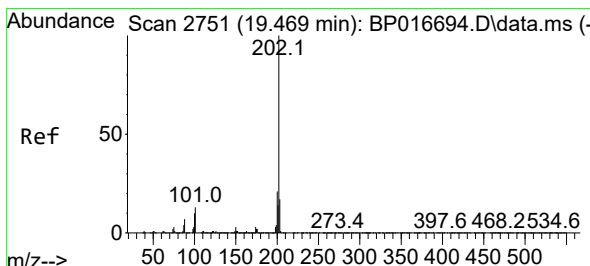
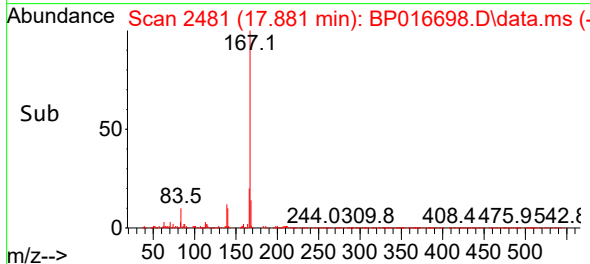
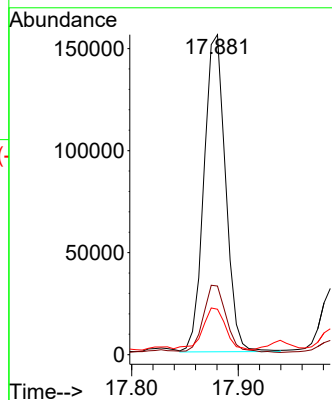
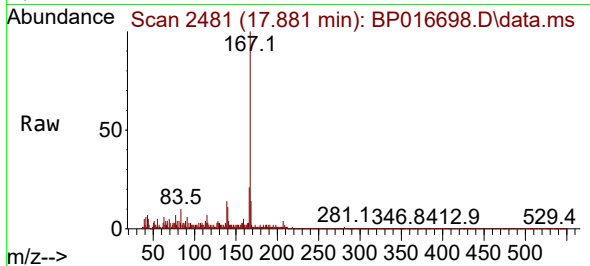




#77
 Carbazole
 Concen: 2.175 ng/ul
 RT: 17.881 min Scan# 2481
 Delta R.T. -0.000 min
 Lab File: BP016698.D
 Acq: 22 Aug 2023 11:44

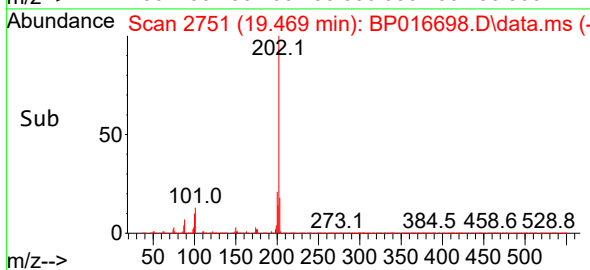
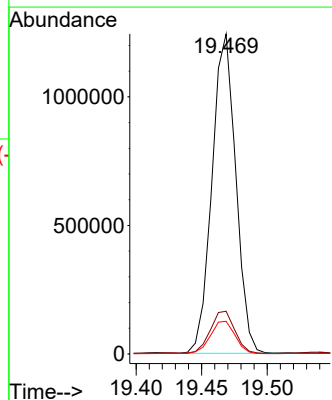
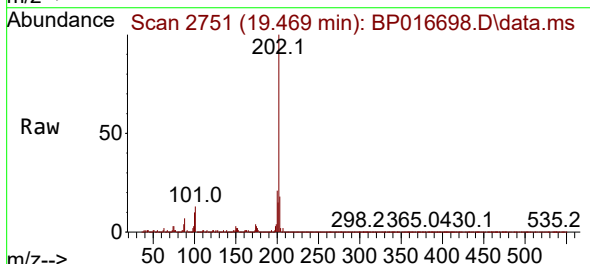
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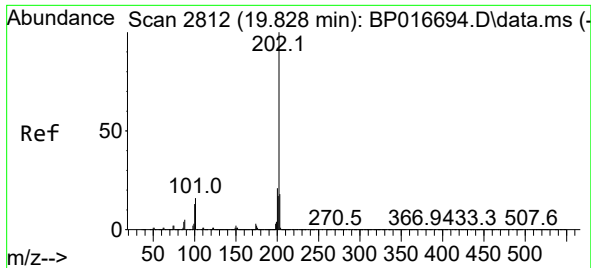
Tgt Ion:167 Resp: 219267
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.8 25.2
 139 14.2 10.6 16.0



#80
 Fluoranthene
 Concen: 14.037 ng/ul
 RT: 19.469 min Scan# 2751
 Delta R.T. -0.000 min
 Lab File: BP016698.D
 Acq: 22 Aug 2023 11:44

Tgt Ion:202 Resp: 1566601
 Ion Ratio Lower Upper
 202 100
 101 13.3 10.6 16.0
 100 10.2 8.1 12.1





#82
 Pyrene
 Concen: 6.965 ng/ul
 RT: 19.827 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP016698.D
 Acq: 22 Aug 2023 11:44

Instrument :
 BNA_P
 ClientSampleId :
 C0AG6

Tgt Ion:202 Resp: 820846
 Ion Ratio Lower Upper
 202 100
 101 15.1 13.4 20.2
 100 12.5 11.0 16.4

