

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
 Data File : BP016697.D
 Acq On : 22 Aug 2023 11:10
 Operator : MA/JU
 Sample : 04059-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AG5

Quant Time: Aug 23 00:43:20 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

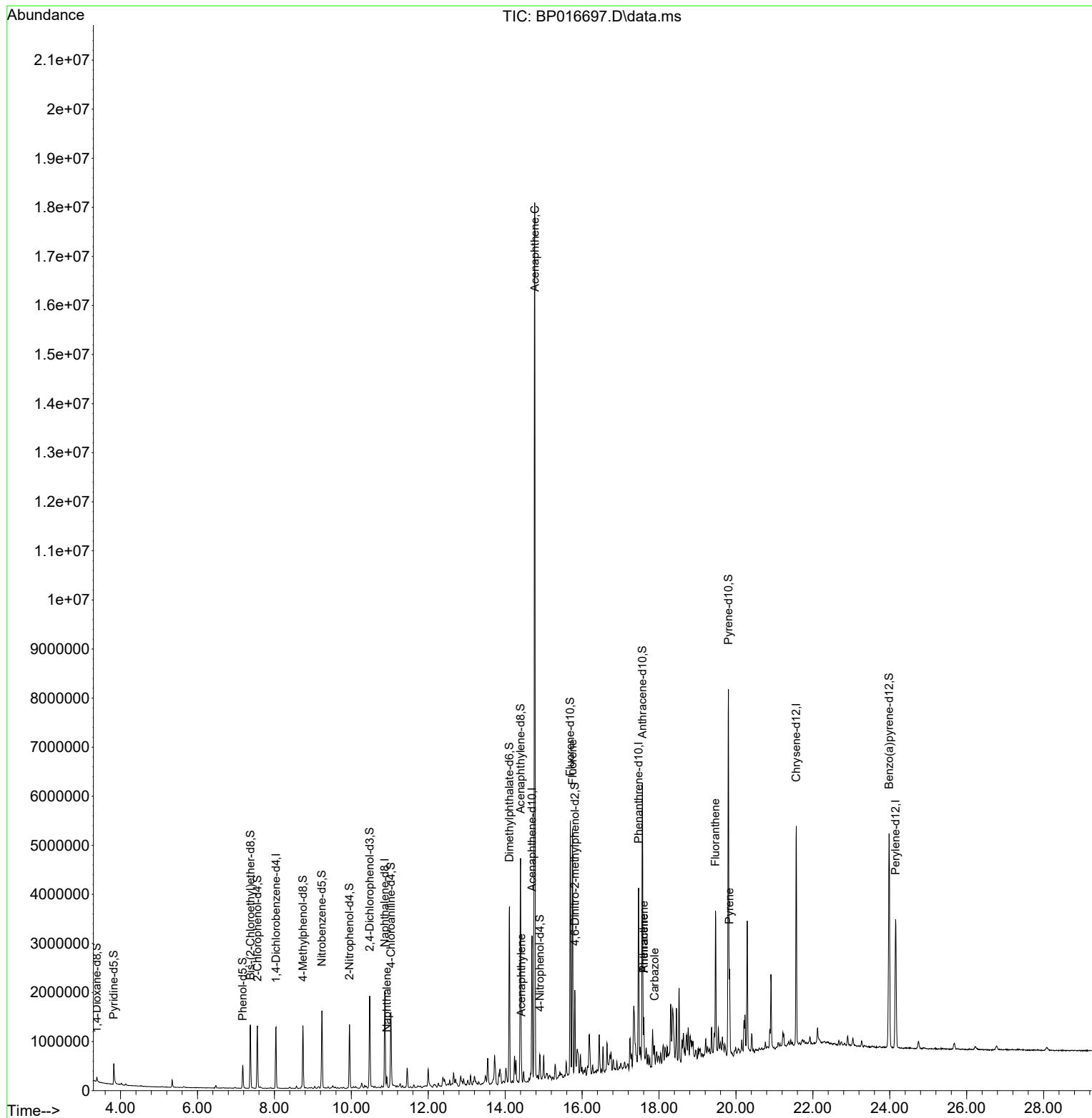
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	325961	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.869	136	1523372	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.698	164	938775	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	2057697	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	1946045	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	2002867	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	45749	5.333	ng/uL	-0.01
4) Pyridine-d5	3.822	84	247754	9.493	ng/u1	0.00
7) Phenol-d5	7.175	99	268100	8.921	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.375	67	589066	29.761	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.557	132	550220	25.492	ng/u1	-0.01
15) 4-Methylphenol-d8	8.740	113	450994	18.874	ng/u1	-0.02
21) Nitrobenzene-d5	9.234	128	344223	32.114	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.951	143	355973	34.966	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.475	165	620261	30.959	ng/u1	-0.02
31) 4-Chloroaniline-d4	11.028	131	761893	22.164	ng/u1	-0.01
46) Dimethylphthalate-d6	14.110	166	2221195	32.712	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	2488993	32.476	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	107915	7.802	ng/u1	0.00
60) Fluorene-d10	15.692	176	1854360	32.035	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	296154	30.253	ng/u1	0.00
73) Anthracene-d10	17.569	188	3007886	33.794	ng/u1	0.00
81) Pyrene-d10	19.804	212	3480372	34.132	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	3234310	33.696	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.922	128	152961	1.922	ng/u1	99
50) Acenaphthylene	14.422	152	101821	1.128	ng/u1#	88
52) Acenaphthene	14.769	153	7368870	121.962	ng/u1	99
61) Fluorene	15.751	166	2141061	31.676	ng/u1	99
72) Phenanthrene	17.604	178	400053	3.690	ng/u1	99
74) Anthracene	17.604	178	408068	3.748	ng/u1	98
77) Carbazole	17.880	167	225271	2.245	ng/u1	97
80) Fluoranthene	19.469	202	1623557	13.341	ng/u1	99
82) Pyrene	19.827	202	849952	6.614	ng/u1	99

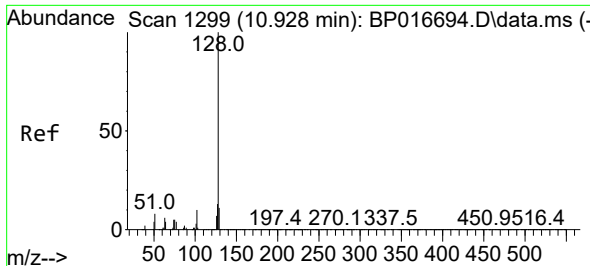
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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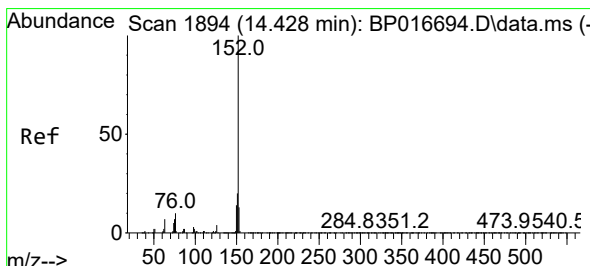
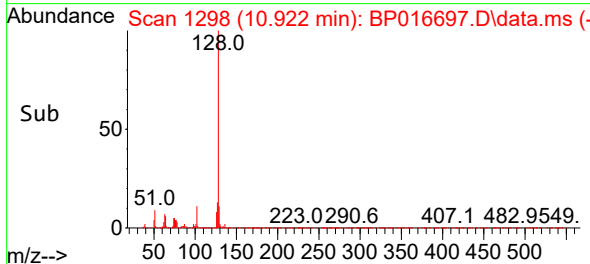
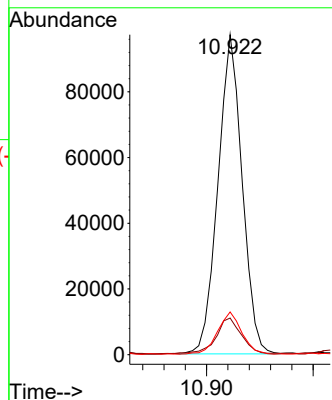
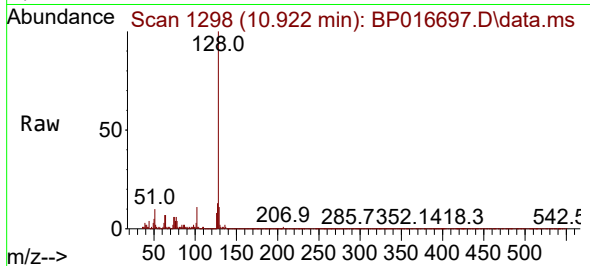




#30
Naphthalene
Concen: 1.922 ng/ul
RT: 10.922 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BP016697.D
Acq: 22 Aug 2023 11:10

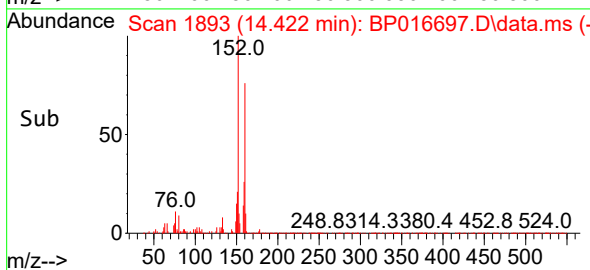
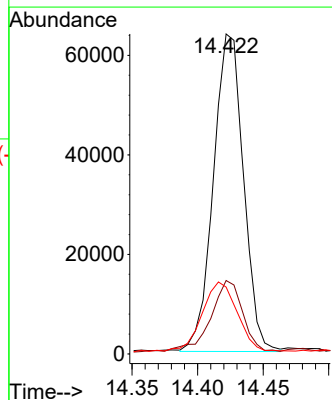
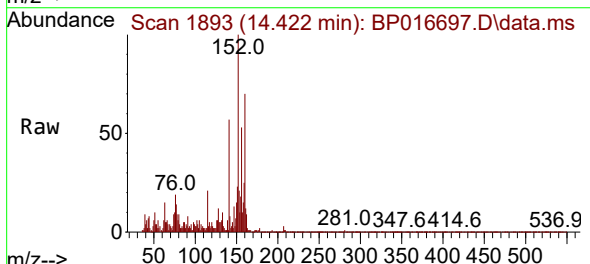
Instrument :
BNA_P
ClientSampleId :
C0AG5

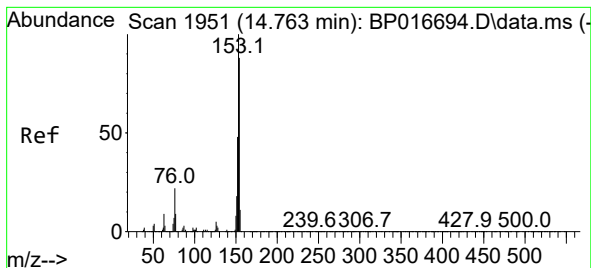
Tgt Ion:128 Resp: 152961
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.4 10.3 15.5



#50
Acenaphthylene
Concen: 1.128 ng/ul
RT: 14.422 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BP016697.D
Acq: 22 Aug 2023 11:10

Tgt Ion:152 Resp: 101821
Ion Ratio Lower Upper
152 100
151 23.0 15.7 23.5
153 20.9 10.6 15.8#





#52

Acenaphthene

Concen: 121.962 ng/ul

RT: 14.769 min Scan# 1951

Delta R.T. -0.000 min

Lab File: BP016697.D

Acq: 22 Aug 2023 11:10

Instrument :

BNA_P

ClientSampleId :

C0AG5

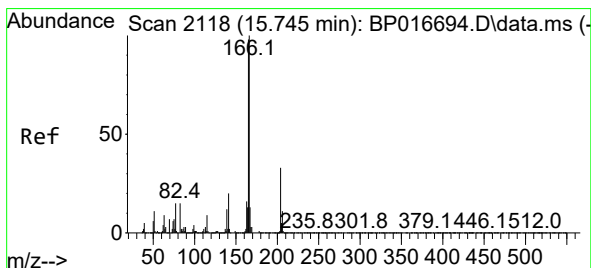
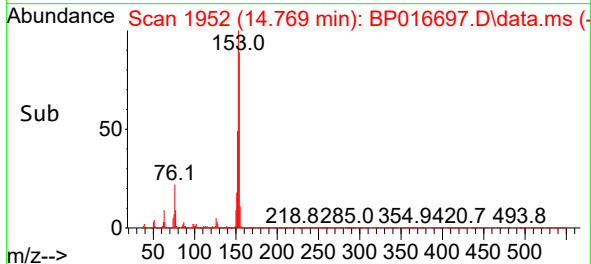
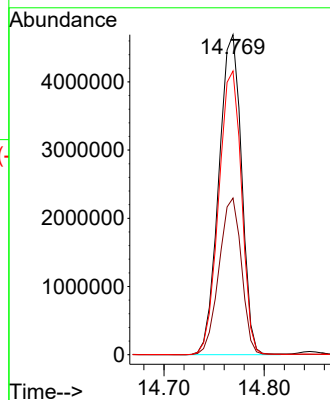
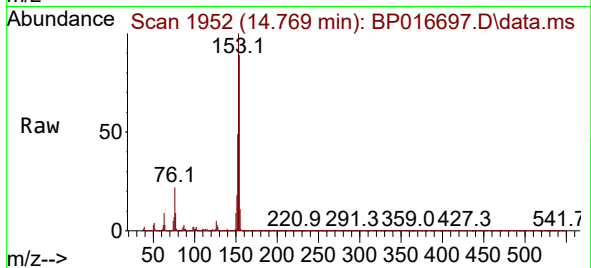
Tgt Ion:153 Resp: 7368870

Ion Ratio Lower Upper

153 100

152 48.9 38.7 58.1

154 88.7 72.0 108.0



#61

Fluorene

Concen: 31.676 ng/ul

RT: 15.751 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BP016697.D

Acq: 22 Aug 2023 11:10

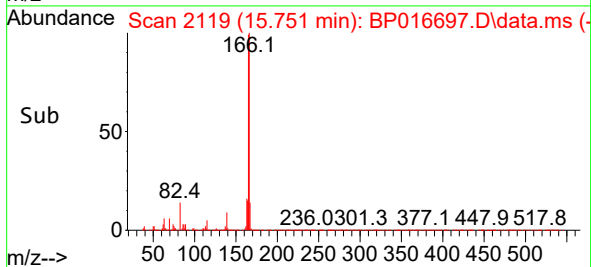
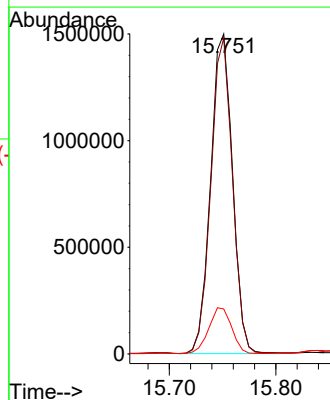
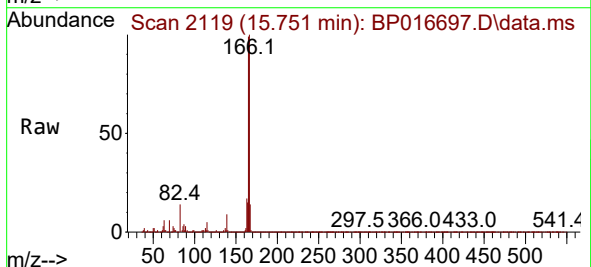
Tgt Ion:166 Resp: 2141061

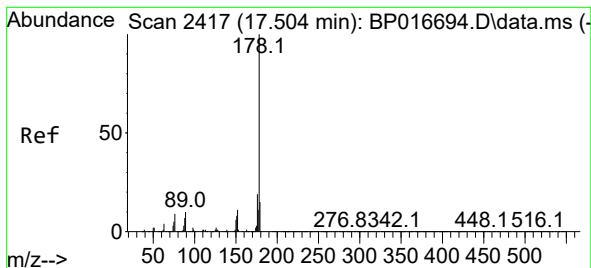
Ion Ratio Lower Upper

166 100

165 98.7 78.3 117.5

167 14.1 10.8 16.2





#72

Phenanthrene

Concen: 3.690 ng/ul

RT: 17.604 min Scan# 2417

Delta R.T. 0.094 min

Lab File: BP016697.D

Acq: 22 Aug 2023 11:10

Instrument :

BNA_P

ClientSampleId :

C0AG5

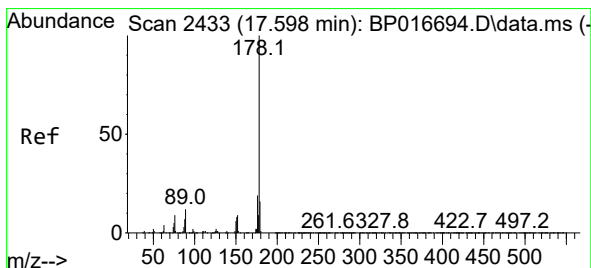
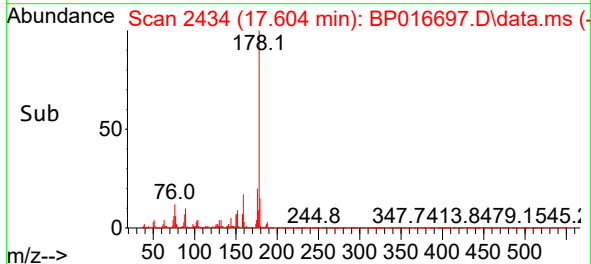
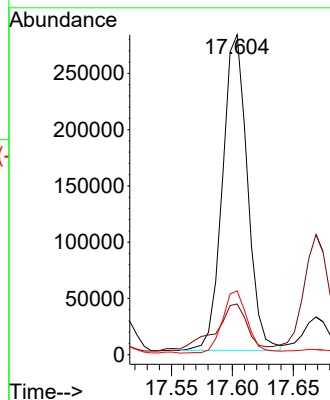
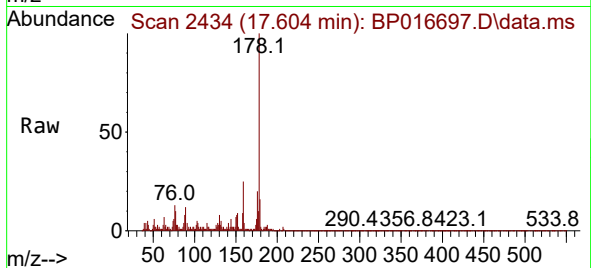
Tgt Ion:178 Resp: 400053

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 19.9 15.5 23.3



#74

Anthracene

Concen: 3.748 ng/ul

RT: 17.604 min Scan# 2434

Delta R.T. -0.000 min

Lab File: BP016697.D

Acq: 22 Aug 2023 11:10

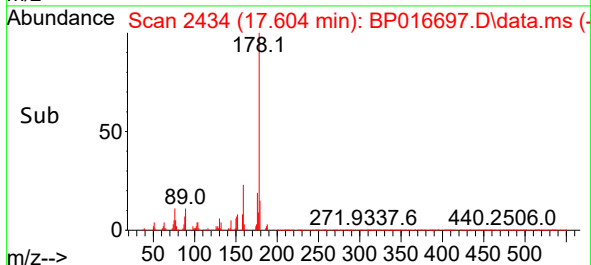
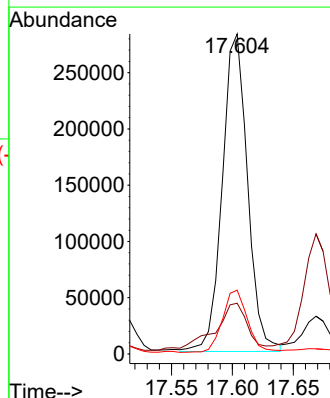
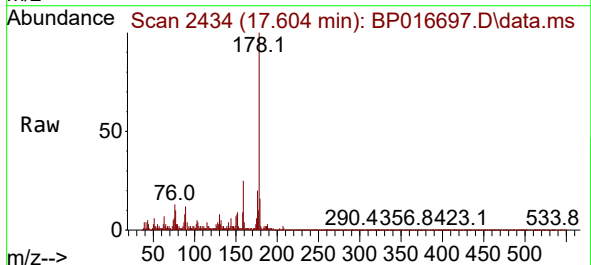
Tgt Ion:178 Resp: 408068

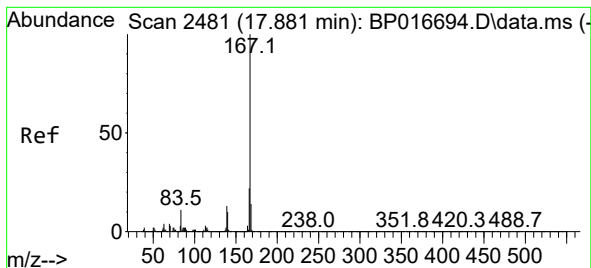
Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

176 19.9 14.9 22.3





#77

Carbazole

Concen: 2.245 ng/ul

RT: 17.880 min Scan# 2481

Delta R.T. -0.000 min

Lab File: BP016697.D

Acq: 22 Aug 2023 11:10

Instrument :

BNA_P

ClientSampleId :

C0AG5

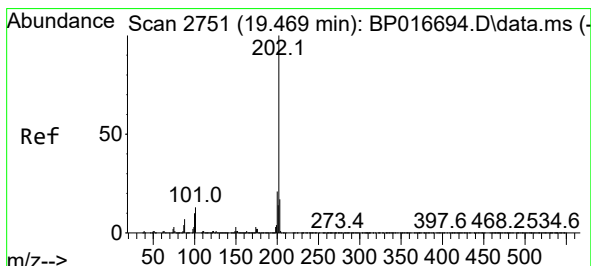
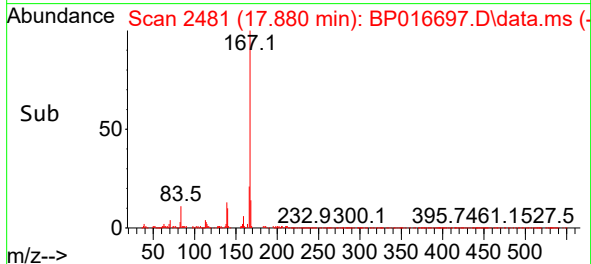
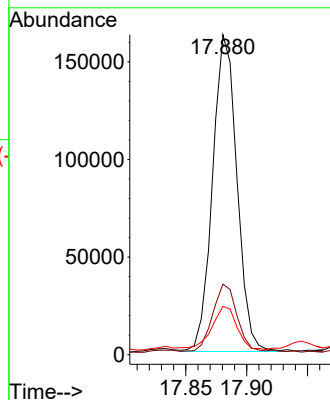
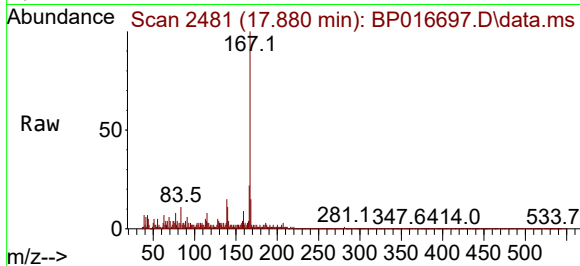
Tgt Ion:167 Resp: 225271

Ion Ratio Lower Upper

167 100

166 22.1 16.8 25.2

139 15.1 10.6 16.0



#80

Fluoranthene

Concen: 13.341 ng/ul

RT: 19.469 min Scan# 2751

Delta R.T. -0.000 min

Lab File: BP016697.D

Acq: 22 Aug 2023 11:10

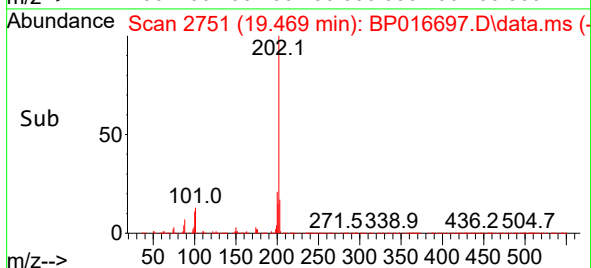
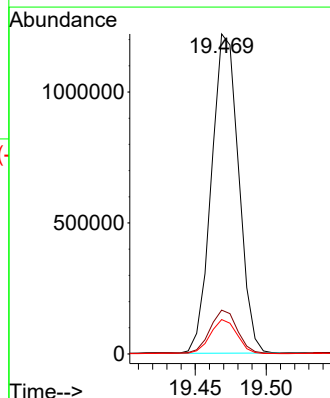
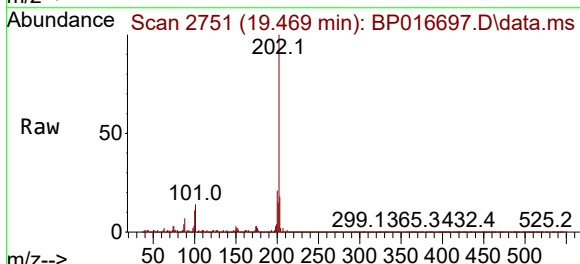
Tgt Ion:202 Resp: 1623557

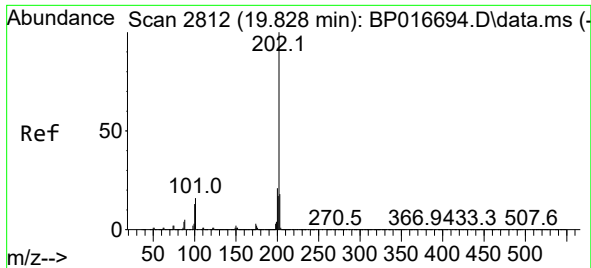
Ion Ratio Lower Upper

202 100

101 13.7 10.6 16.0

100 10.8 8.1 12.1





#82
 Pyrene
 Concen: 6.614 ng/ul
 RT: 19.827 min Scan# 2812
 Delta R.T. -0.000 min
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Tgt Ion:202 Resp: 849952
 Ion Ratio Lower Upper
 202 100
 101 16.4 13.4 20.2
 100 13.8 11.0 16.4

