

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
 Data File : BP016696.D
 Acq On : 22 Aug 2023 10:19
 Operator : MA/JU
 Sample : 04059-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AG1

Quant Time: Aug 23 00:43:07 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

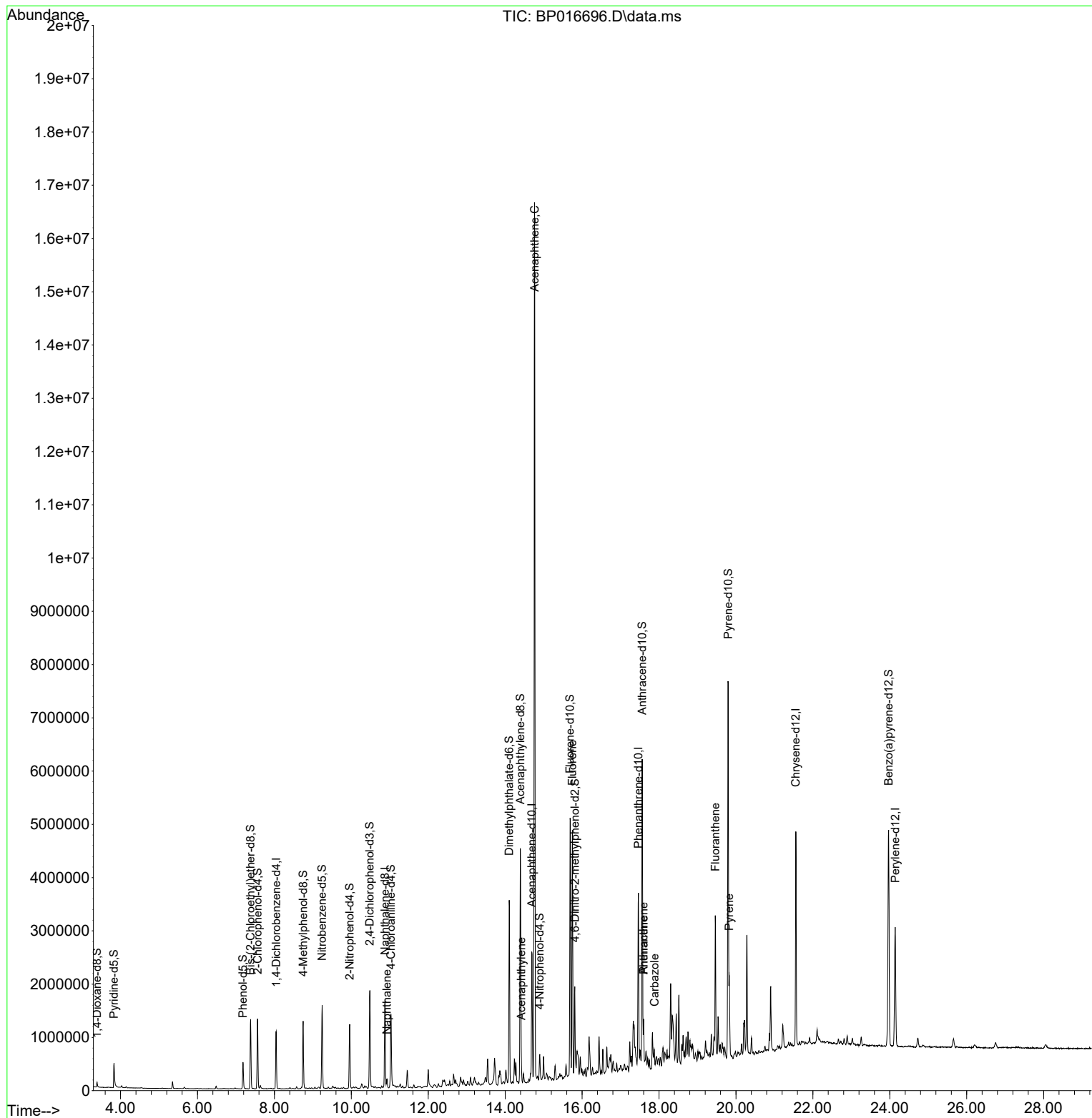
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	275705	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1275915	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.693	164	790509	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.463	188	1805866	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1665512	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	1705279	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	46889	6.462	ng/uL	0.00
4) Pyridine-d5	3.828	84	285051	12.913	ng/ul	0.00
7) Phenol-d5	7.181	99	276298	10.870	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	581452	34.731	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	546796	29.951	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	443547	21.946	ng/ul	-0.01
21) Nitrobenzene-d5	9.240	128	332371	37.022	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.957	143	336816	39.500	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	590131	35.168	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.028	131	705762	24.513	ng/ul	-0.01
46) Dimethylphthalate-d6	14.104	166	2092474	36.596	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	2401228	37.208	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.898	143	103874	8.918	ng/ul	0.00
60) Fluorene-d10	15.687	176	1806764	37.066	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.810	200	276578	32.194	ng/ul	0.00
73) Anthracene-d10	17.563	188	2958122	37.870	ng/ul	0.00
81) Pyrene-d10	19.798	212	3381788	38.751	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	3076384	37.644	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.922	128	130525	1.958	ng/ul	99
50) Acenaphthylene	14.422	152	87576	1.152	ng/ul#	93
52) Acenaphthene	14.763	153	6650664	130.721	ng/ul	99
61) Fluorene	15.745	166	1889168	33.191	ng/ul	99
72) Phenanthrene	17.598	178	348172	3.660	ng/ul	99
74) Anthracene	17.598	178	354612	3.711	ng/ul	98
77) Carbazole	17.881	167	189512	2.152	ng/ul	99
80) Fluoranthene	19.463	202	1428993	13.720	ng/ul	98
82) Pyrene	19.822	202	748030	6.801	ng/ul	99

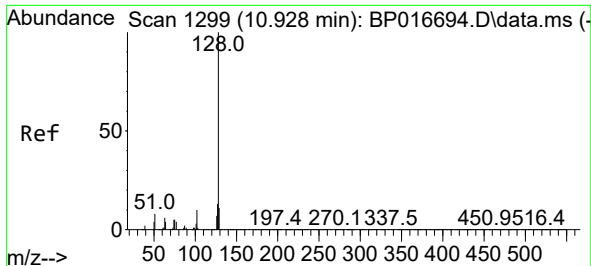
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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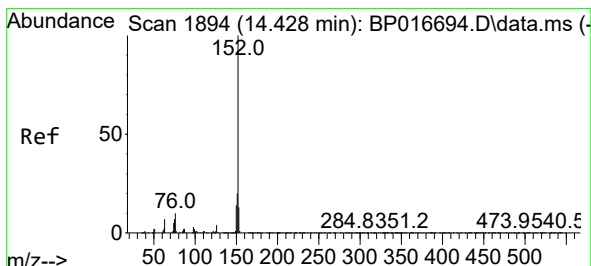
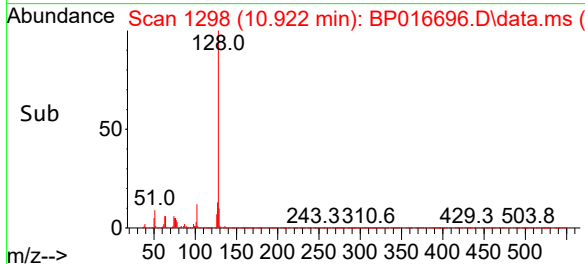
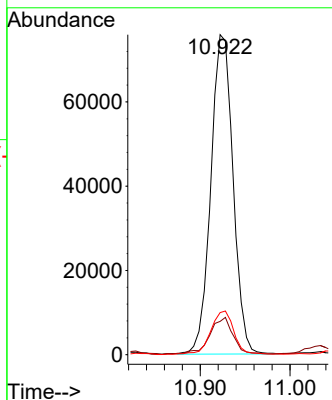
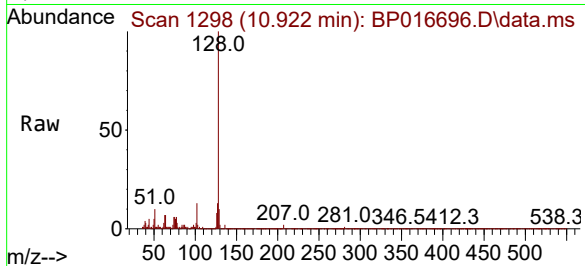




#30
Naphthalene
Concen: 1.958 ng/ul
RT: 10.922 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BP016696.D
Acq: 22 Aug 2023 10:19

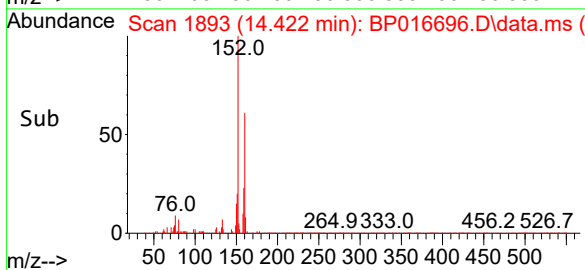
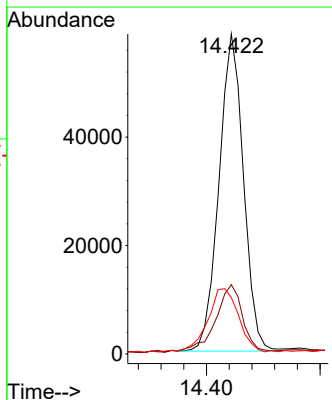
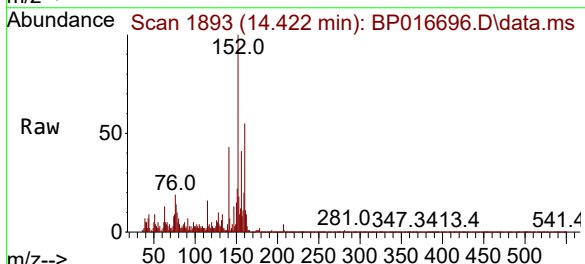
Instrument :
BNA_P
ClientSampleId :
C0AG1

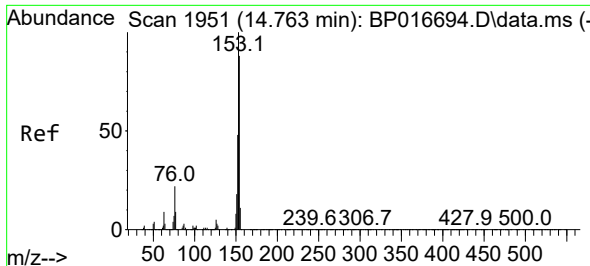
Tgt Ion:128 Resp: 130525
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 13.2 10.3 15.5



#50
Acenaphthylene
Concen: 1.152 ng/ul
RT: 14.422 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BP016696.D
Acq: 22 Aug 2023 10:19

Tgt Ion:152 Resp: 87576
Ion Ratio Lower Upper
152 100
151 21.7 15.7 23.5
153 17.7 10.6 15.8#

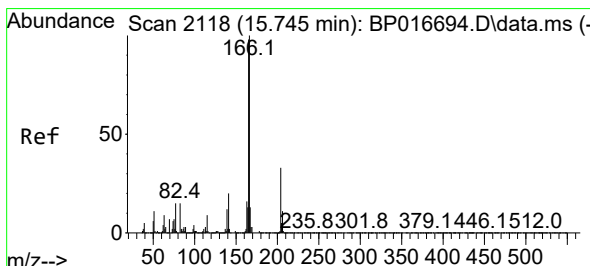
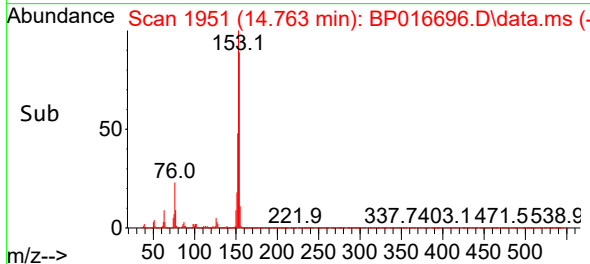
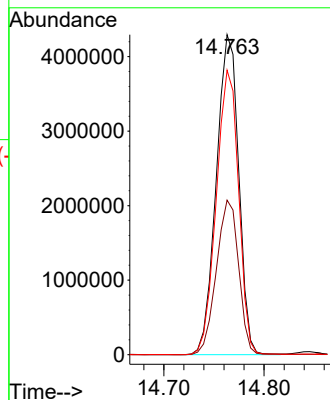
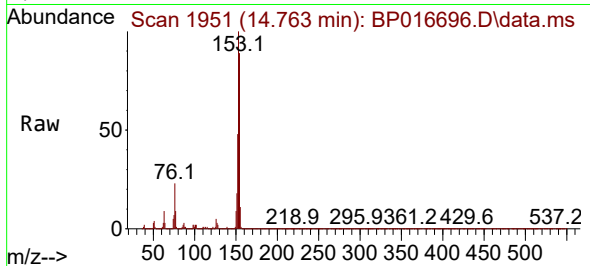




#52
Acenaphthene
Concen: 130.721 ng/ul
RT: 14.763 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP016696.D
Acq: 22 Aug 2023 10:19

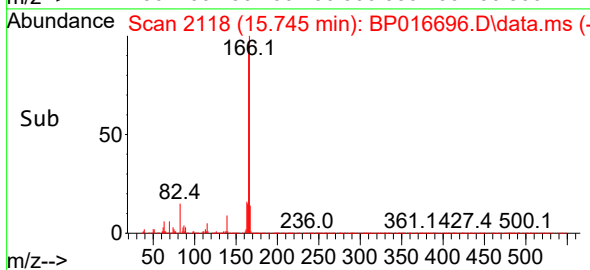
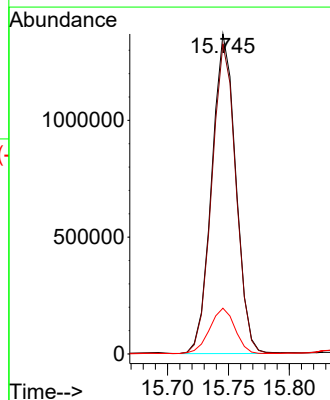
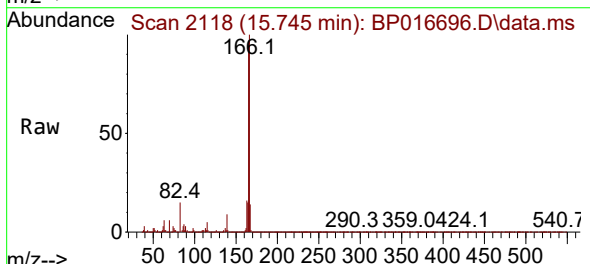
Instrument :
BNA_P
ClientSampleId :
C0AG1

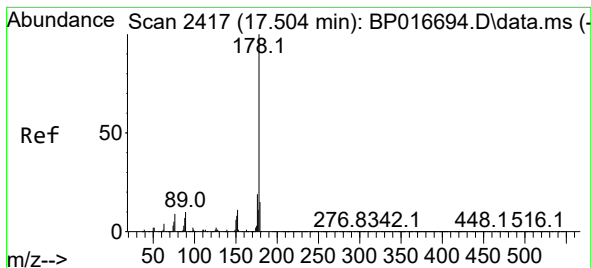
Tgt Ion:153 Resp: 6650664
Ion Ratio Lower Upper
153 100
152 48.3 38.7 58.1
154 88.9 72.0 108.0



#61
Fluorene
Concen: 33.191 ng/ul
RT: 15.745 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP016696.D
Acq: 22 Aug 2023 10:19

Tgt Ion:166 Resp: 1889168
Ion Ratio Lower Upper
166 100
165 96.9 78.3 117.5
167 14.3 10.8 16.2





#72

Phenanthrene

Concen: 3.660 ng/ul

RT: 17.598 min Scan# 2417

Delta R.T. 0.088 min

Lab File: BP016696.D

Acq: 22 Aug 2023 10:19

Instrument :

BNA_P

ClientSampleId :

C0AG1

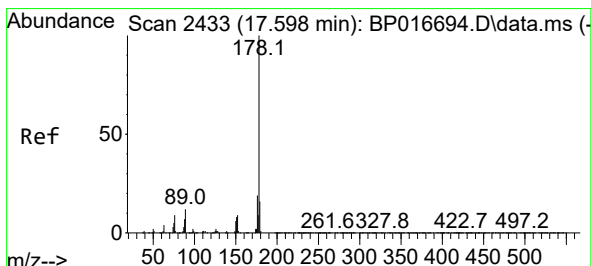
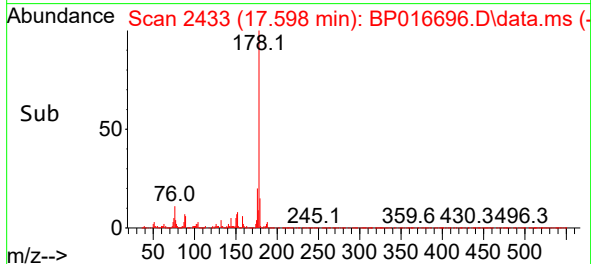
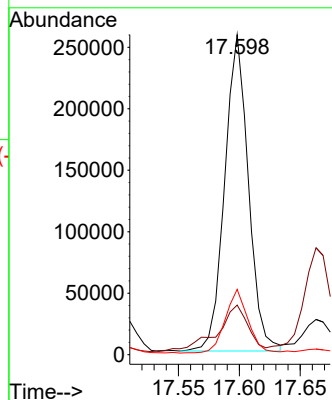
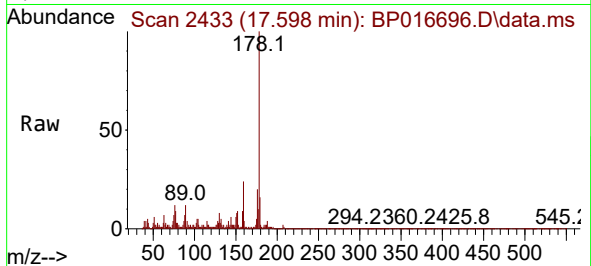
Tgt Ion:178 Resp: 348172

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 20.4 15.5 23.3



#74

Anthracene

Concen: 3.711 ng/ul

RT: 17.598 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP016696.D

Acq: 22 Aug 2023 10:19

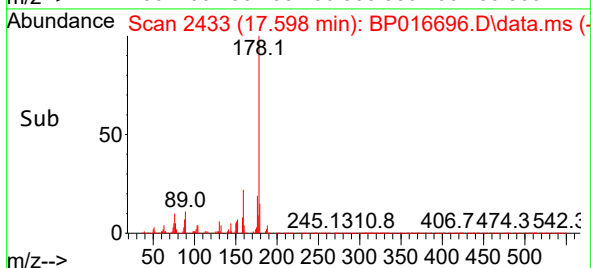
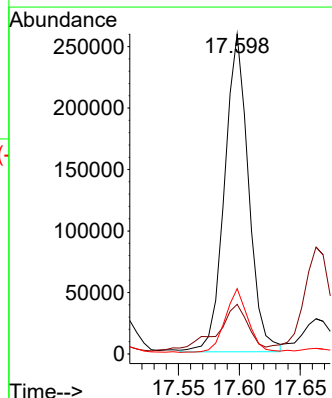
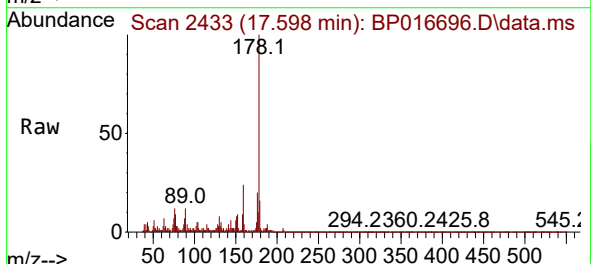
Tgt Ion:178 Resp: 354612

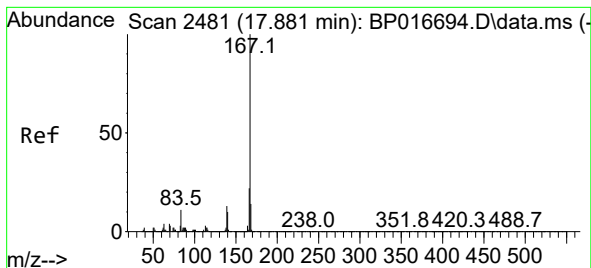
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 20.4 14.9 22.3





#77

Carbazole

Concen: 2.152 ng/ul

RT: 17.881 min Scan# 2481

Delta R.T. -0.000 min

Lab File: BP016696.D

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ClientSampleId :

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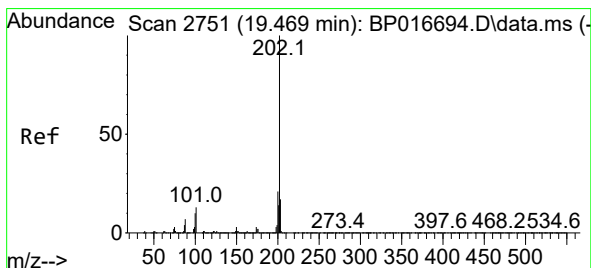
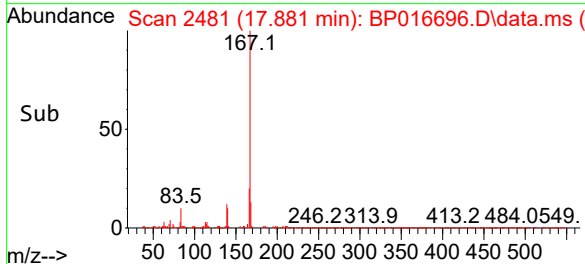
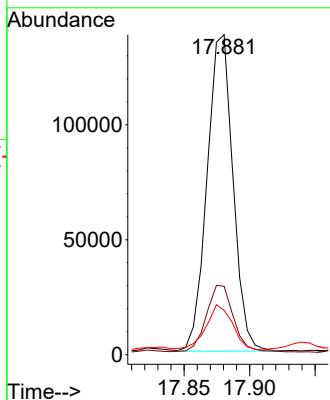
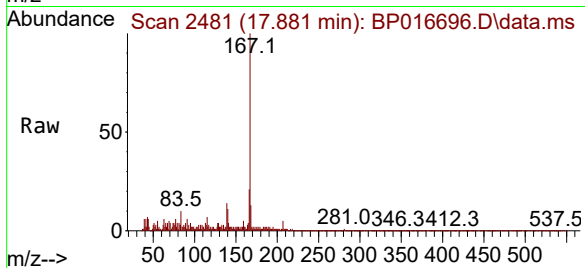
Tgt Ion:167 Resp: 189512

Ion Ratio Lower Upper

167 100

166 21.4 16.8 25.2

139 13.8 10.6 16.0



#80

Fluoranthene

Concen: 13.720 ng/ul

RT: 19.463 min Scan# 2750

Delta R.T. -0.006 min

Lab File: BP016696.D

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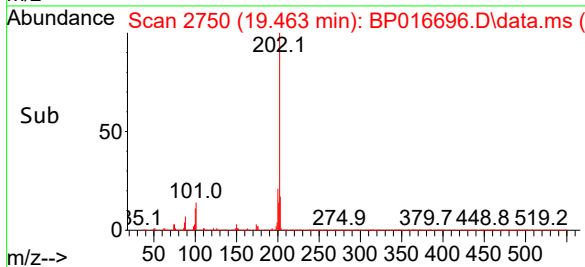
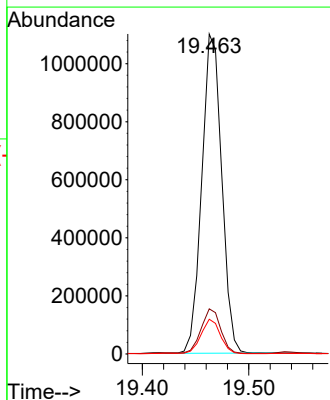
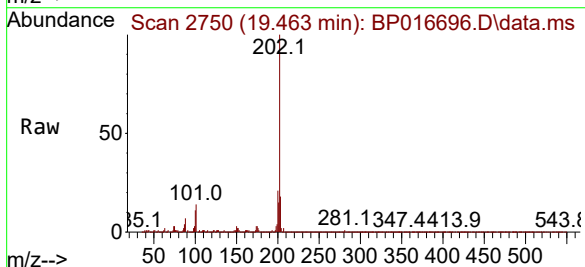
Tgt Ion:202 Resp: 1428993

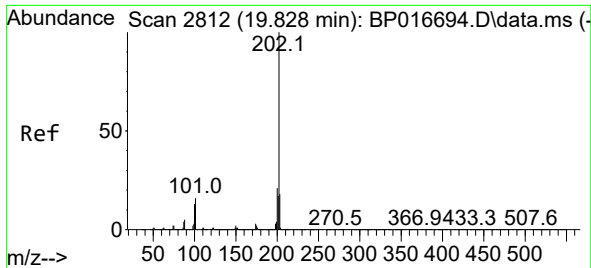
Ion Ratio Lower Upper

202 100

101 14.1 10.6 16.0

100 10.9 8.1 12.1





#82
 Pyrene
 Concen: 6.801 ng/ul
 RT: 19.822 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP016696.D
 Acq: 22 Aug 2023 10:19

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Tgt Ion:202 Resp: 748030
 Ion Ratio Lower Upper
 202 100
 101 16.2 13.4 20.2
 100 13.4 11.0 16.4

