

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
 Data File : BP016704.D
 Acq On : 22 Aug 2023 15:26
 Operator : MA/JU
 Sample : 04059-01DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AG1DL

Quant Time: Aug 23 00:45:11 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

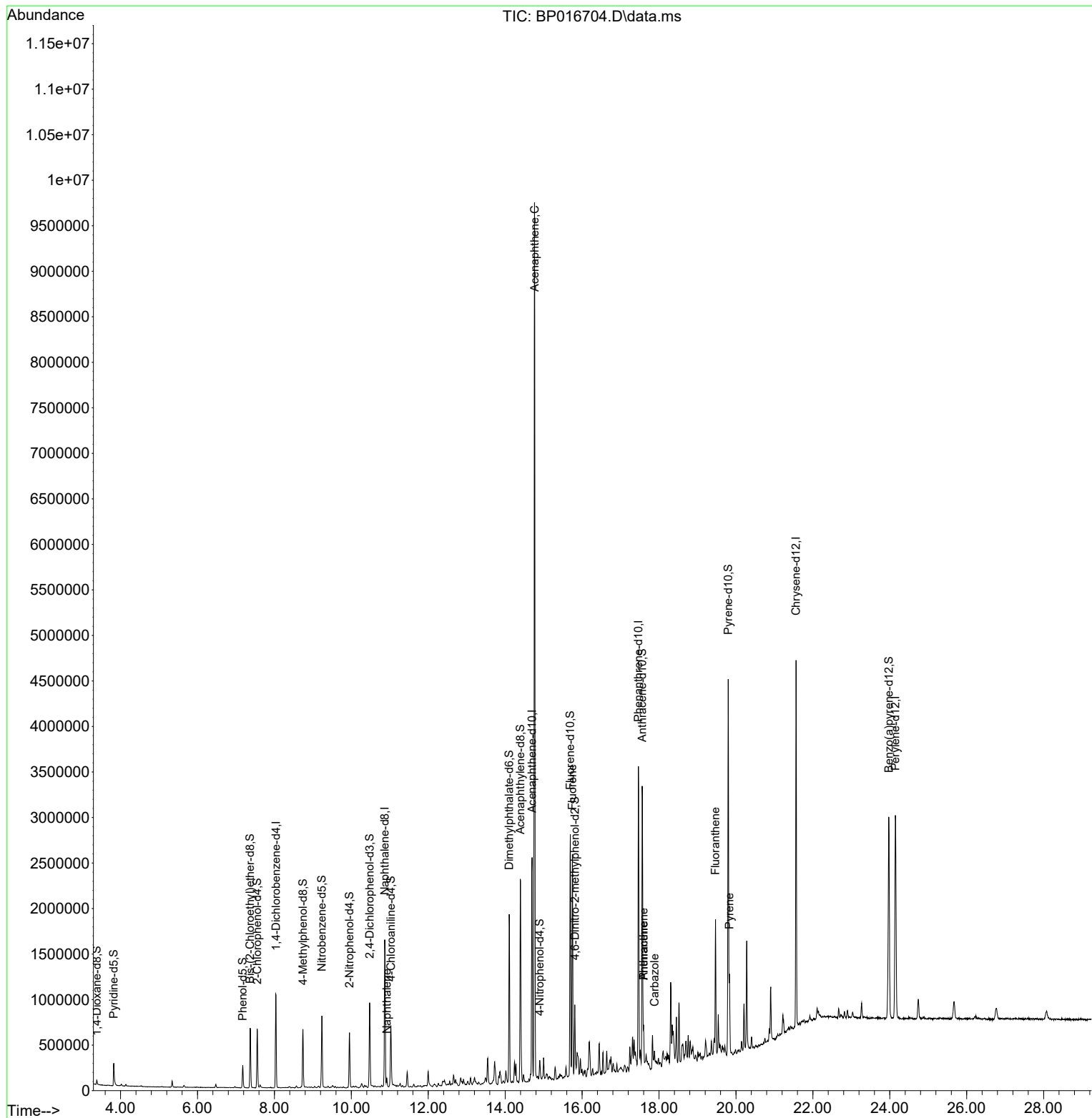
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	262210	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.869	136	1241118	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.698	164	795209	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1863425	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1685524	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1708025	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	24346	3.528	ng/uL	-0.01
4) Pyridine-d5	3.822	84	148532	7.075	ng/u1	0.00
7) Phenol-d5	7.175	99	135080	5.588	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.369	67	297718	18.699	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.552	132	270159	15.560	ng/u1	-0.02
15) 4-Methylphenol-d8	8.740	113	223407	11.623	ng/u1	-0.02
21) Nitrobenzene-d5	9.234	128	164586	18.847	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.951	143	161897	19.519	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.475	165	297590	18.231	ng/u1	-0.02
31) 4-Chloroaniline-d4	11.028	131	336921	12.030	ng/u1	-0.01
46) Dimethylphthalate-d6	14.104	166	1103353	19.183	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1238873	19.083	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.898	143	45984	3.925	ng/u1	0.00
60) Fluorene-d10	15.692	176	976818	19.921	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	122846	13.858	ng/u1	0.00
73) Anthracene-d10	17.563	188	1608996	19.962	ng/u1	0.00
81) Pyrene-d10	19.798	212	1890633	21.407	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1604809	19.605	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.922	128	67530	1.041	ng/u1	98
52) Acenaphthene	14.763	153	3715809	72.604	ng/u1	99
61) Fluorene	15.745	166	1018182	17.783	ng/u1	99
72) Phenanthrene	17.598	178	191379	1.949	ng/u1	99
74) Anthracene	17.598	178	193830	1.966	ng/u1	98
77) Carbazole	17.880	167	102508	1.128	ng/u1	97
80) Fluoranthene	19.469	202	788660	7.482	ng/u1	98
82) Pyrene	19.827	202	416934	3.746	ng/u1	98

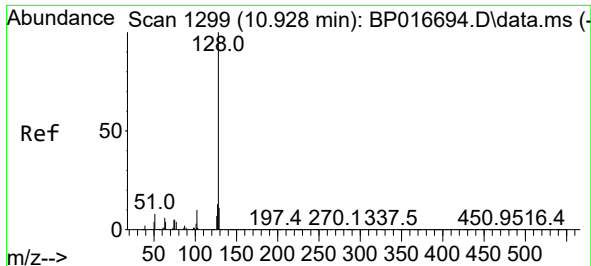
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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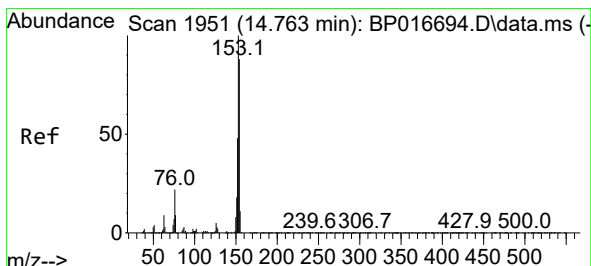
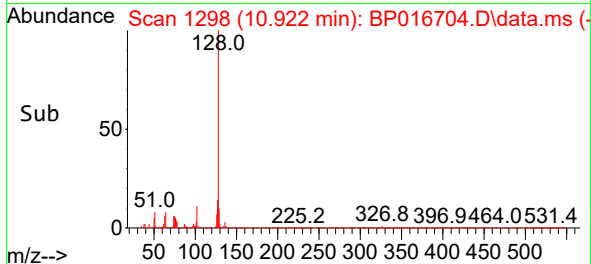
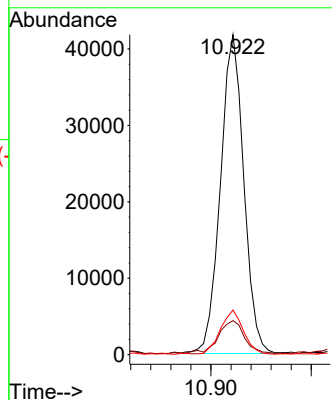
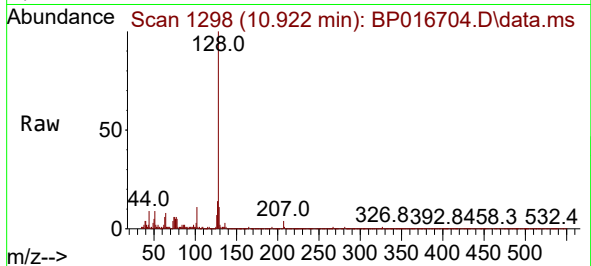




#30
Naphthalene
Concen: 1.041 ng/ul
RT: 10.922 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BP016704.D
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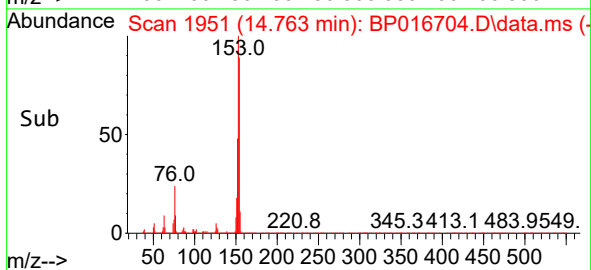
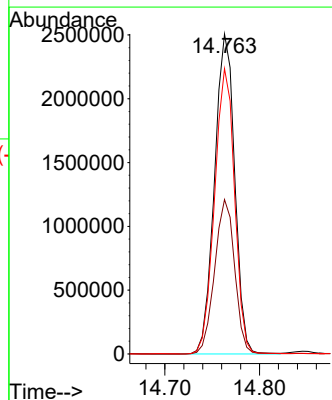
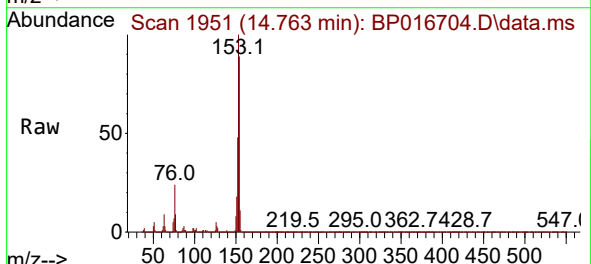
Instrument :
BNA_P
ClientSampleId :
C0AG1DL

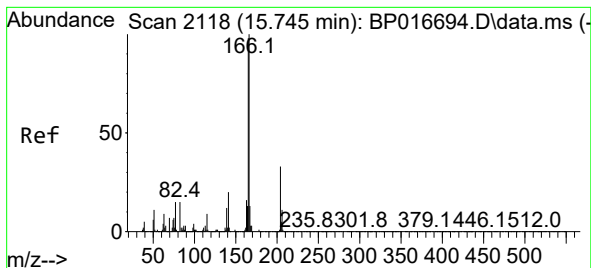
Tgt Ion:128 Resp: 67530
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 14.0 10.3 15.5



#52
Acenaphthene
Concen: 72.604 ng/ul
RT: 14.763 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP016704.D
Acq: 22 Aug 2023 15:26

Tgt Ion:153 Resp: 3715809
Ion Ratio Lower Upper
153 100
152 48.2 38.7 58.1
154 89.2 72.0 108.0





#61

Fluorene

Concen: 17.783 ng/ul

RT: 15.745 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BP016704.D

Acq: 22 Aug 2023 15:26

Instrument :

BNA_P

ClientSampleId :

C0AG1DL

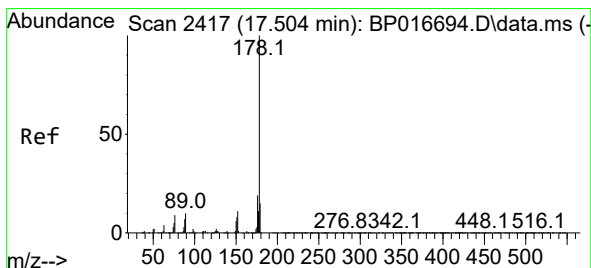
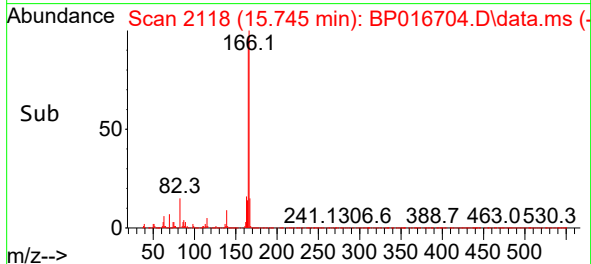
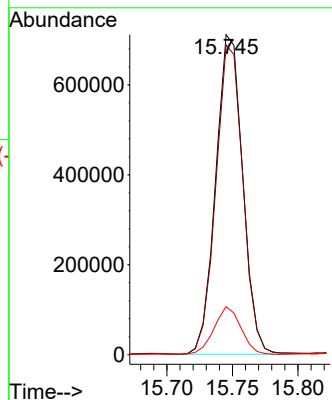
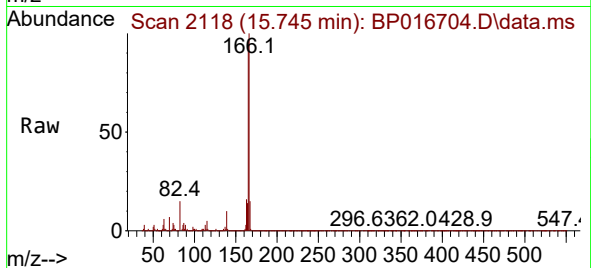
Tgt Ion:166 Resp: 1018182

Ion Ratio Lower Upper

166 100

165 96.8 78.3 117.5

167 15.0 10.8 16.2



#72

Phenanthrene

Concen: 1.949 ng/ul

RT: 17.598 min Scan# 2433

Delta R.T. 0.088 min

Lab File: BP016704.D

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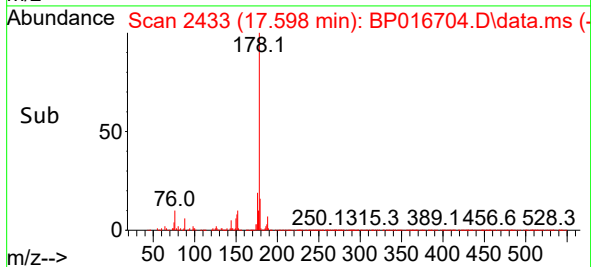
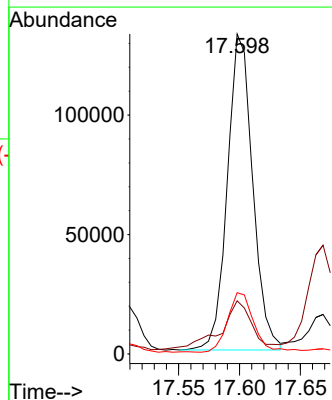
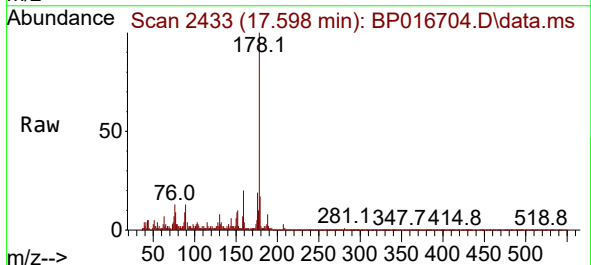
Tgt Ion:178 Resp: 191379

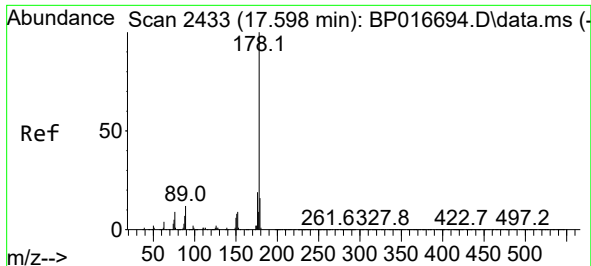
Ion Ratio Lower Upper

178 100

179 16.6 12.4 18.6

176 19.2 15.5 23.3

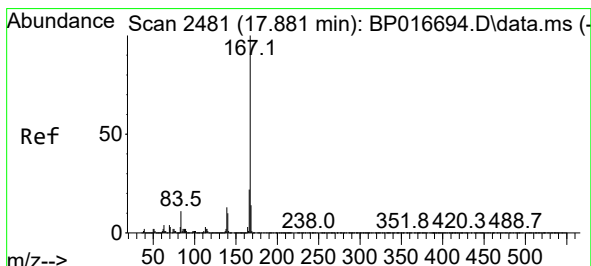
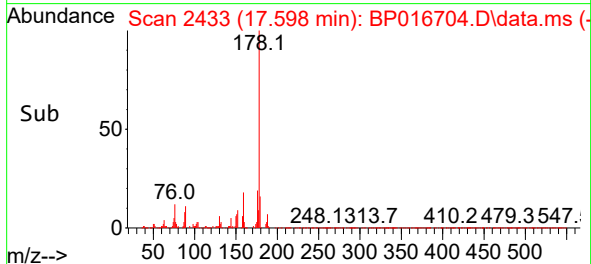
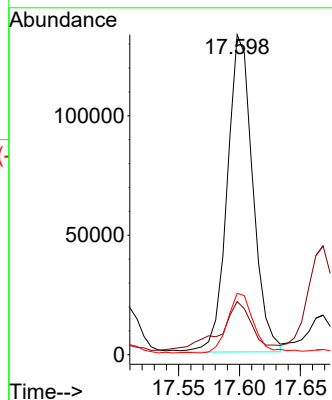
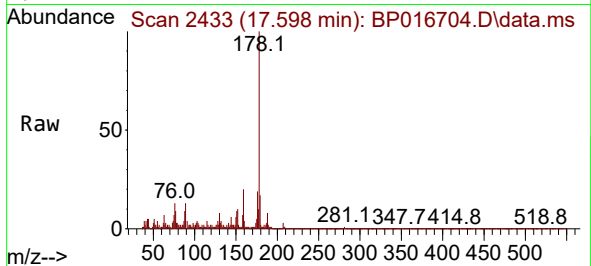




#74
 Anthracene
 Concen: 1.966 ng/ul
 RT: 17.598 min Scan# 2433
 Delta R.T. -0.006 min
 Lab File: BP016704.D
 Acq: 22 Aug 2023 15:26

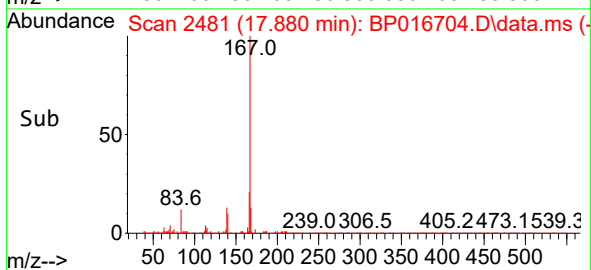
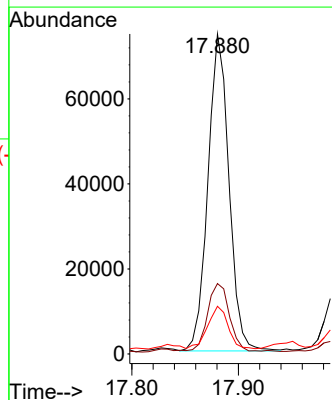
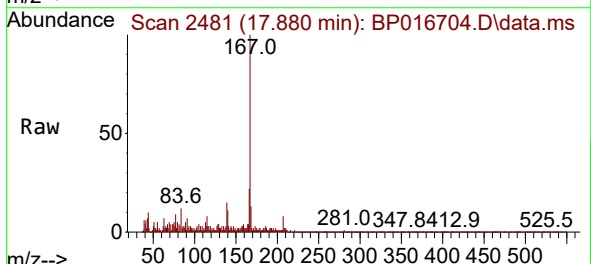
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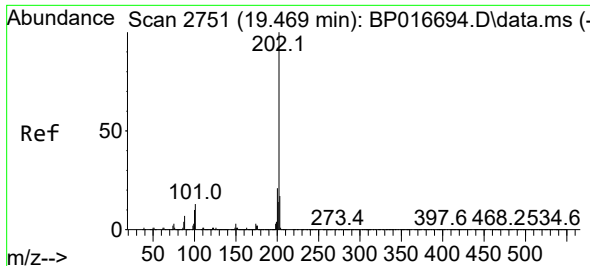
Tgt Ion:178 Resp: 193830
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.5 18.7
 176 19.2 14.9 22.3



#77
 Carbazole
 Concen: 1.128 ng/ul
 RT: 17.880 min Scan# 2481
 Delta R.T. -0.000 min
 Lab File: BP016704.D
 Acq: 22 Aug 2023 15:26

Tgt Ion:167 Resp: 102508
 Ion Ratio Lower Upper
 167 100
 166 22.0 16.8 25.2
 139 14.9 10.6 16.0

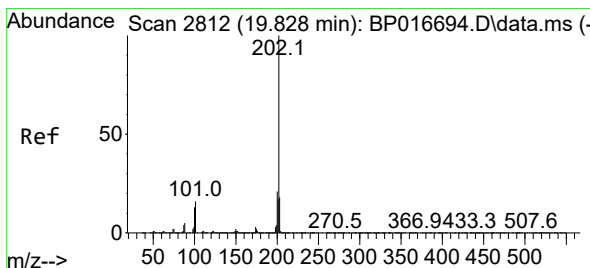
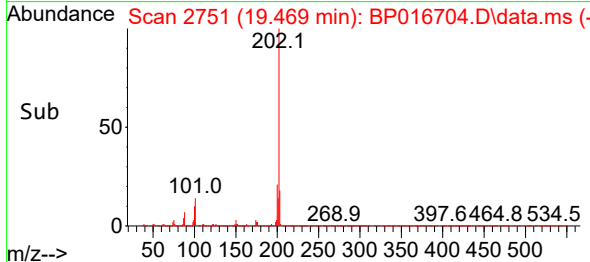
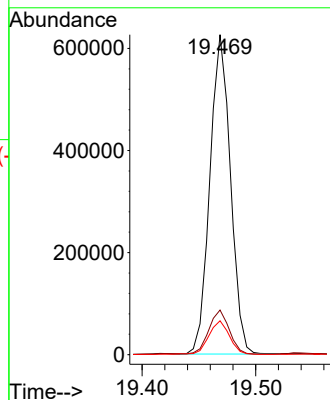
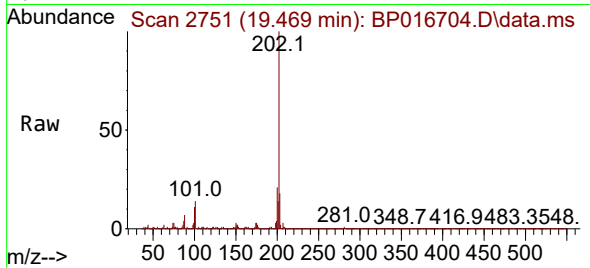




#80
Fluoranthene
Concen: 7.482 ng/ul
RT: 19.469 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016704.D
Acq: 22 Aug 2023 15:26

Instrument :
BNA_P
ClientSampleId :
C0AG1DL

Tgt Ion:202 Resp: 788660
Ion Ratio Lower Upper
202 100
101 14.0 10.6 16.0
100 10.6 8.1 12.1



#82
Pyrene
Concen: 3.746 ng/ul
RT: 19.827 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BP016704.D
Acq: 22 Aug 2023 15:26

Tgt Ion:202 Resp: 416934
Ion Ratio Lower Upper
202 100
101 15.7 13.4 20.2
100 13.4 11.0 16.4

