

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
 Data File : BP016705.D
 Acq On : 22 Aug 2023 16:00
 Operator : MA/JU
 Sample : 04059-02DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AG5DL

Quant Time: Aug 23 00:45:24 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)

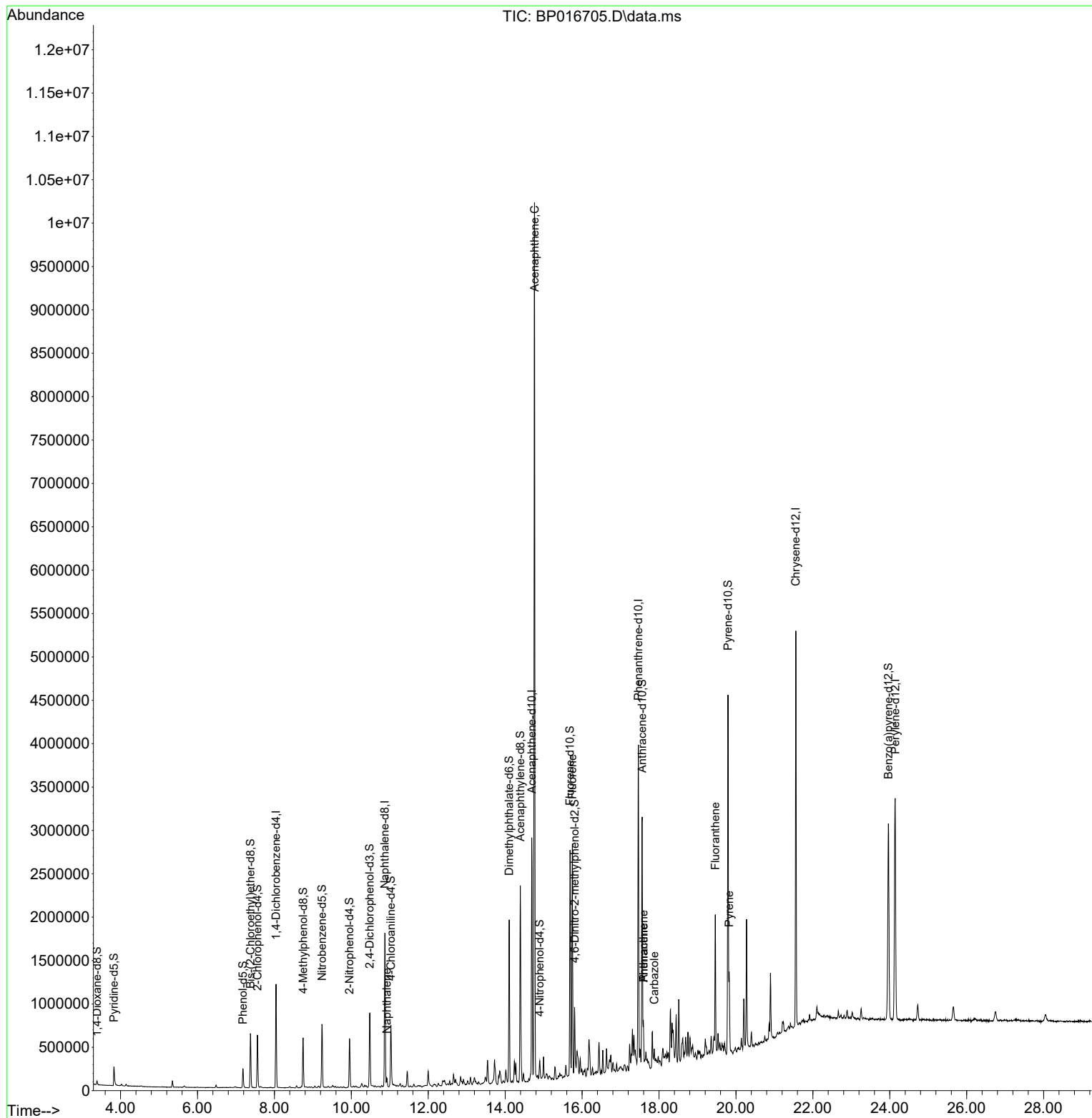
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	295224	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.869	136	1397373	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.692	164	874022	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.463	188	2014943	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	1922707	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1987992	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	23287	2.997	ng/uL	0.00
4) Pyridine-d5	3.828	84	129959	5.498	ng/u1	0.00
7) Phenol-d5	7.181	99	123393	4.534	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	283133	15.794	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.558	132	257675	13.181	ng/u1	-0.01
15) 4-Methylphenol-d8	8.746	113	209877	9.698	ng/u1	-0.01
21) Nitrobenzene-d5	9.240	128	159964	16.269	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.951	143	155738	16.677	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.481	165	284046	15.456	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.028	131	354433	11.240	ng/u1	-0.01
46) Dimethylphthalate-d6	14.104	166	1095138	17.323	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1203546	16.867	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.898	143	44742	3.474	ng/u1	0.00
60) Fluorene-d10	15.687	176	945735	17.548	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.804	200	125031	13.043	ng/u1	-0.01
73) Anthracene-d10	17.563	188	1559242	17.890	ng/u1	0.00
81) Pyrene-d10	19.792	212	1854201	18.405	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1675733	17.589	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.922	128	74831	1.025	ng/u1	97
52) Acenaphthene	14.763	153	3930104	69.866	ng/u1	98
61) Fluorene	15.745	166	1098134	17.450	ng/u1	99
72) Phenanthrene	17.598	178	217560	2.049	ng/u1	99
74) Anthracene	17.598	178	222464	2.086	ng/u1	99
77) Carbazole	17.875	167	112519	1.145	ng/u1	98
80) Fluoranthene	19.463	202	850494	7.073	ng/u1	98
82) Pyrene	19.822	202	448285	3.531	ng/u1	99

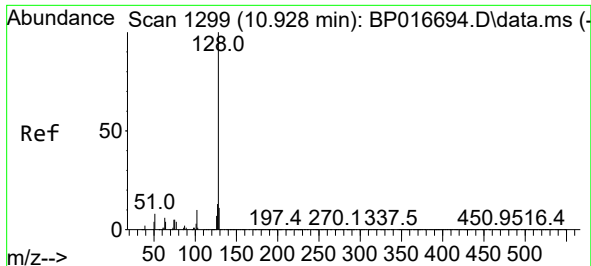
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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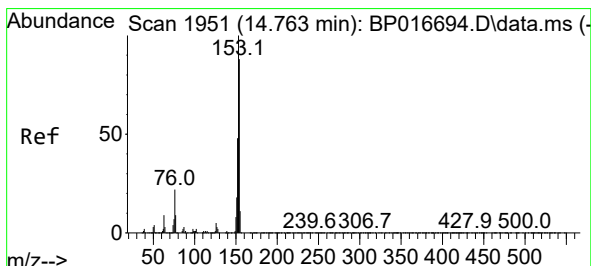
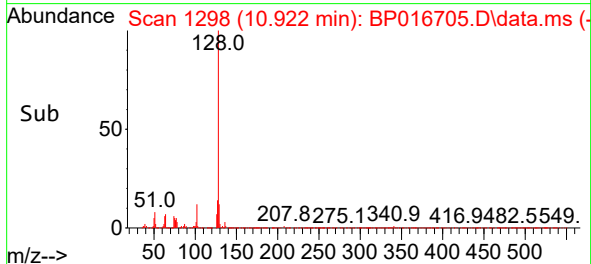
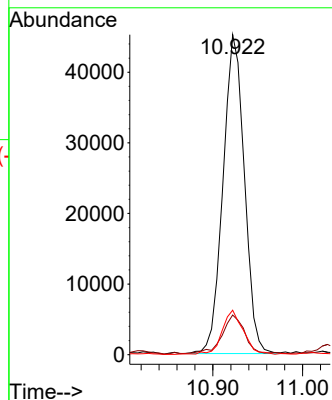
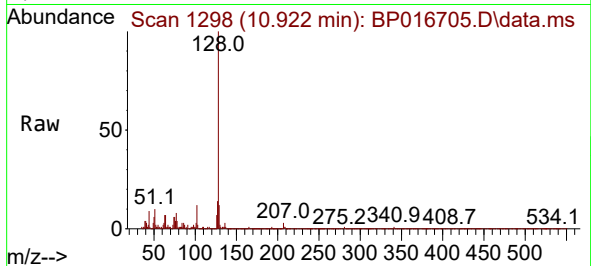




#30
Naphthalene
Concen: 1.025 ng/ul
RT: 10.922 min Scan# 1298
Delta R.T. -0.012 min
Lab File: BP016705.D
Acq: 22 Aug 2023 16:00

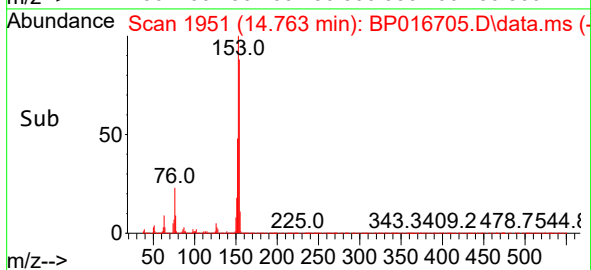
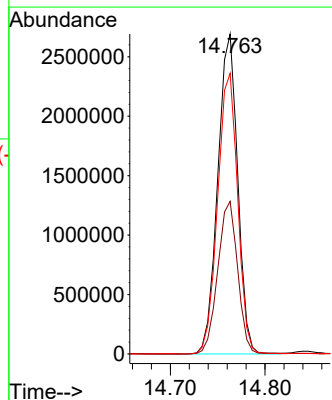
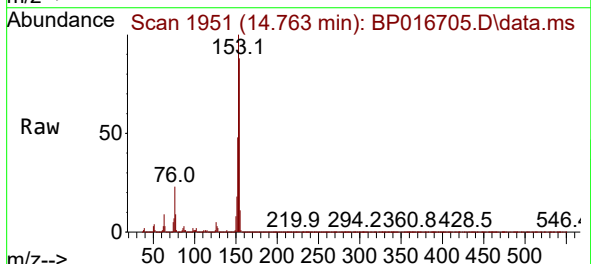
Instrument :
BNA_P
ClientSampleId :
C0AG5DL

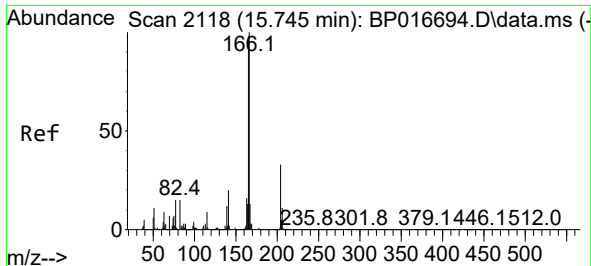
Tgt Ion:128 Resp: 74831
Ion Ratio Lower Upper
128 100
129 12.4 8.6 13.0
127 13.9 10.3 15.5



#52
Acenaphthene
Concen: 69.866 ng/ul
RT: 14.763 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP016705.D
Acq: 22 Aug 2023 16:00

Tgt Ion:153 Resp: 3930104
Ion Ratio Lower Upper
153 100
152 47.7 38.7 58.1
154 87.7 72.0 108.0

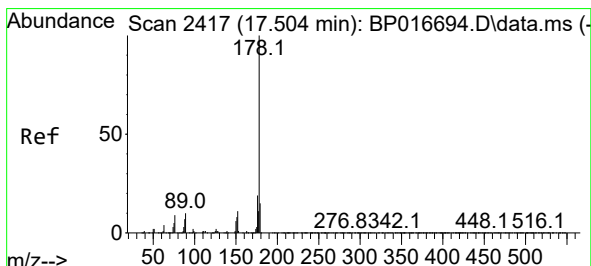
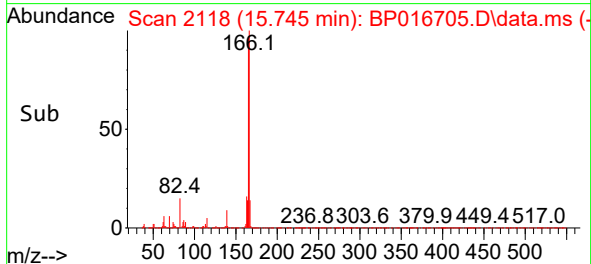
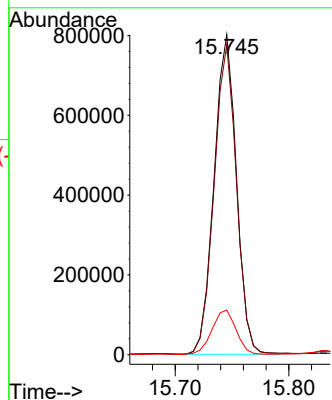
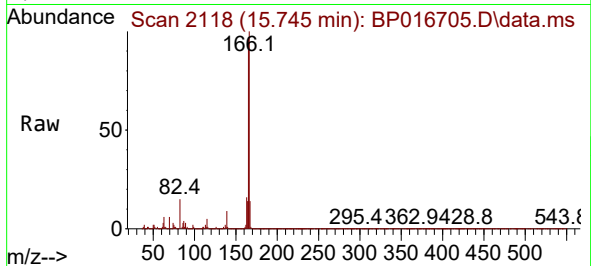




#61
Fluorene
Concen: 17.450 ng/ul
RT: 15.745 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP016705.D
Acq: 22 Aug 2023 16:00

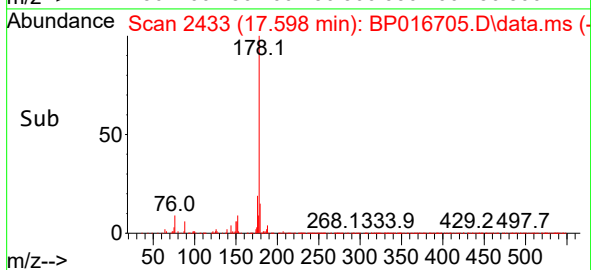
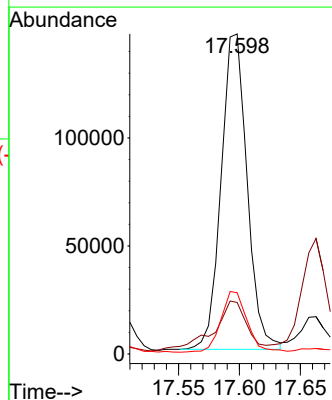
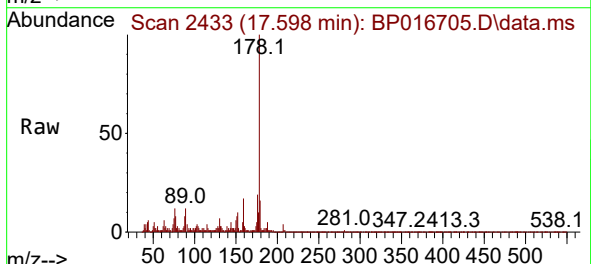
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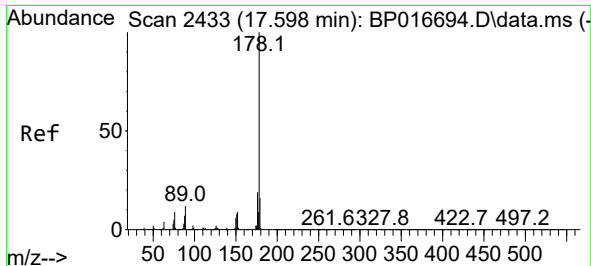
Tgt Ion:166 Resp: 1098134
Ion Ratio Lower Upper
166 100
165 96.9 78.3 117.5
167 14.0 10.8 16.2



#72
Phenanthrene
Concen: 2.049 ng/ul
RT: 17.598 min Scan# 2433
Delta R.T. 0.088 min
Lab File: BP016705.D
Acq: 22 Aug 2023 16:00

Tgt Ion:178 Resp: 217560
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.2 15.5 23.3

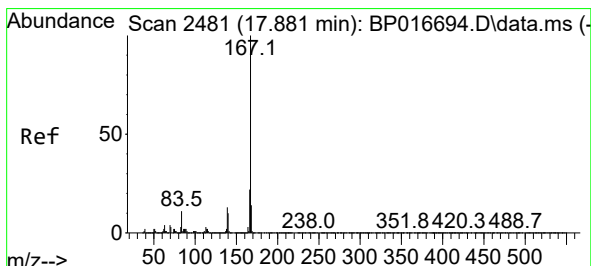
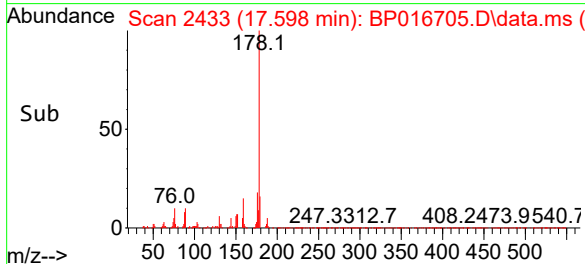
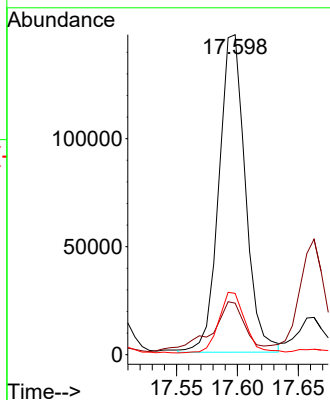
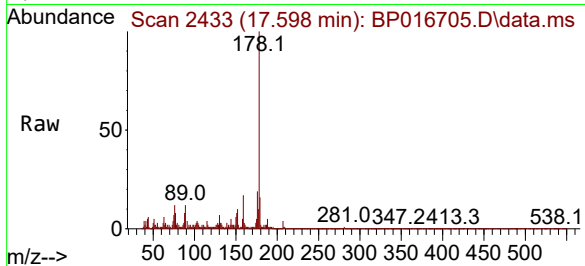




#74
 Anthracene
 Concen: 2.086 ng/ul
 RT: 17.598 min Scan# 2433
 Delta R.T. -0.006 min
 Lab File: BP016705.D
 Acq: 22 Aug 2023 16:00

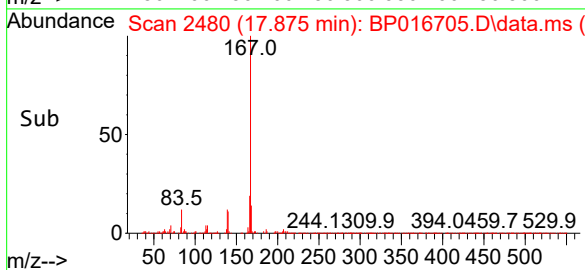
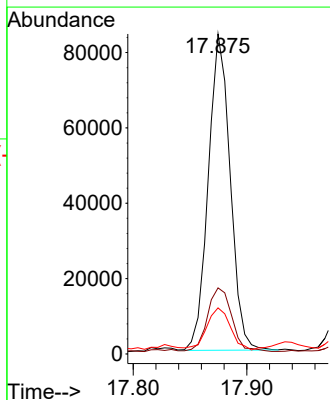
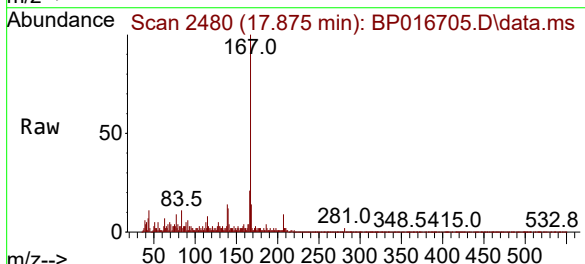
Instrument :
 BNA_P
 ClientSampleId :
 C0AG5DL

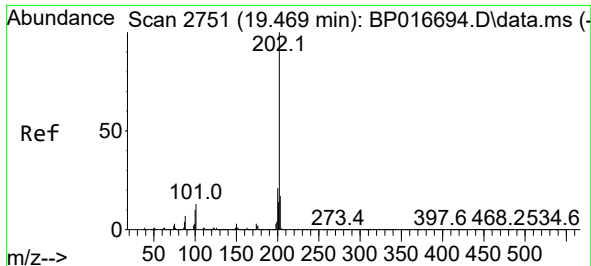
Tgt Ion:178 Resp: 222464
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.5 18.7
 176 19.2 14.9 22.3



#77
 Carbazole
 Concen: 1.145 ng/ul
 RT: 17.875 min Scan# 2480
 Delta R.T. -0.006 min
 Lab File: BP016705.D
 Acq: 22 Aug 2023 16:00

Tgt Ion:167 Resp: 112519
 Ion Ratio Lower Upper
 167 100
 166 20.6 16.8 25.2
 139 14.4 10.6 16.0

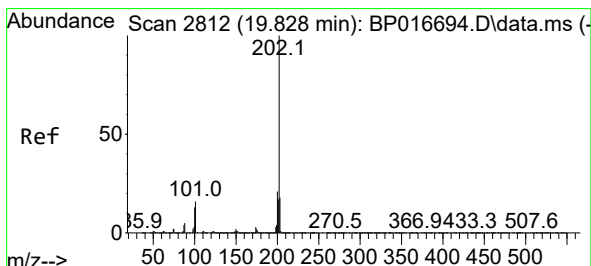
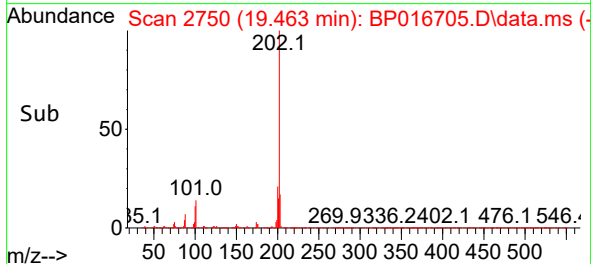
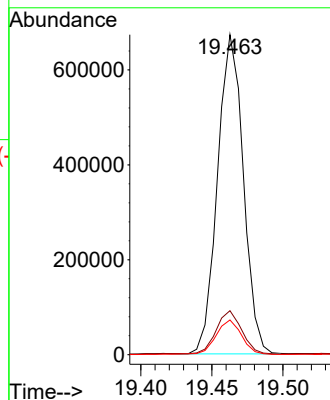
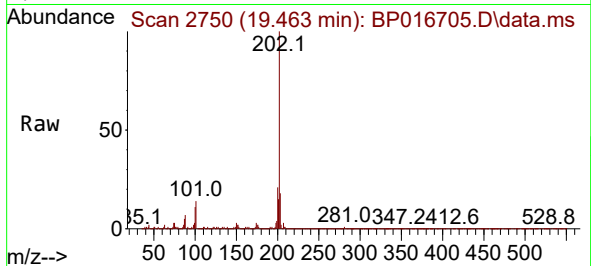




#80
Fluoranthene
Concen: 7.073 ng/ul
RT: 19.463 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016705.D
Acq: 22 Aug 2023 16:00

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

Tgt Ion:202 Resp: 850494
Ion Ratio Lower Upper
202 100
101 13.8 10.6 16.0
100 10.9 8.1 12.1



#82
Pyrene
Concen: 3.531 ng/ul
RT: 19.822 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP016705.D
Acq: 22 Aug 2023 16:00

Tgt Ion:202 Resp: 448285
Ion Ratio Lower Upper
202 100
101 16.3 13.4 20.2
100 13.0 11.0 16.4

