

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016879.D
 Acq On : 30 Aug 2023 19:38
 Operator : MA/JU
 Sample : 04159-17
 Misc :
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 00:52:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

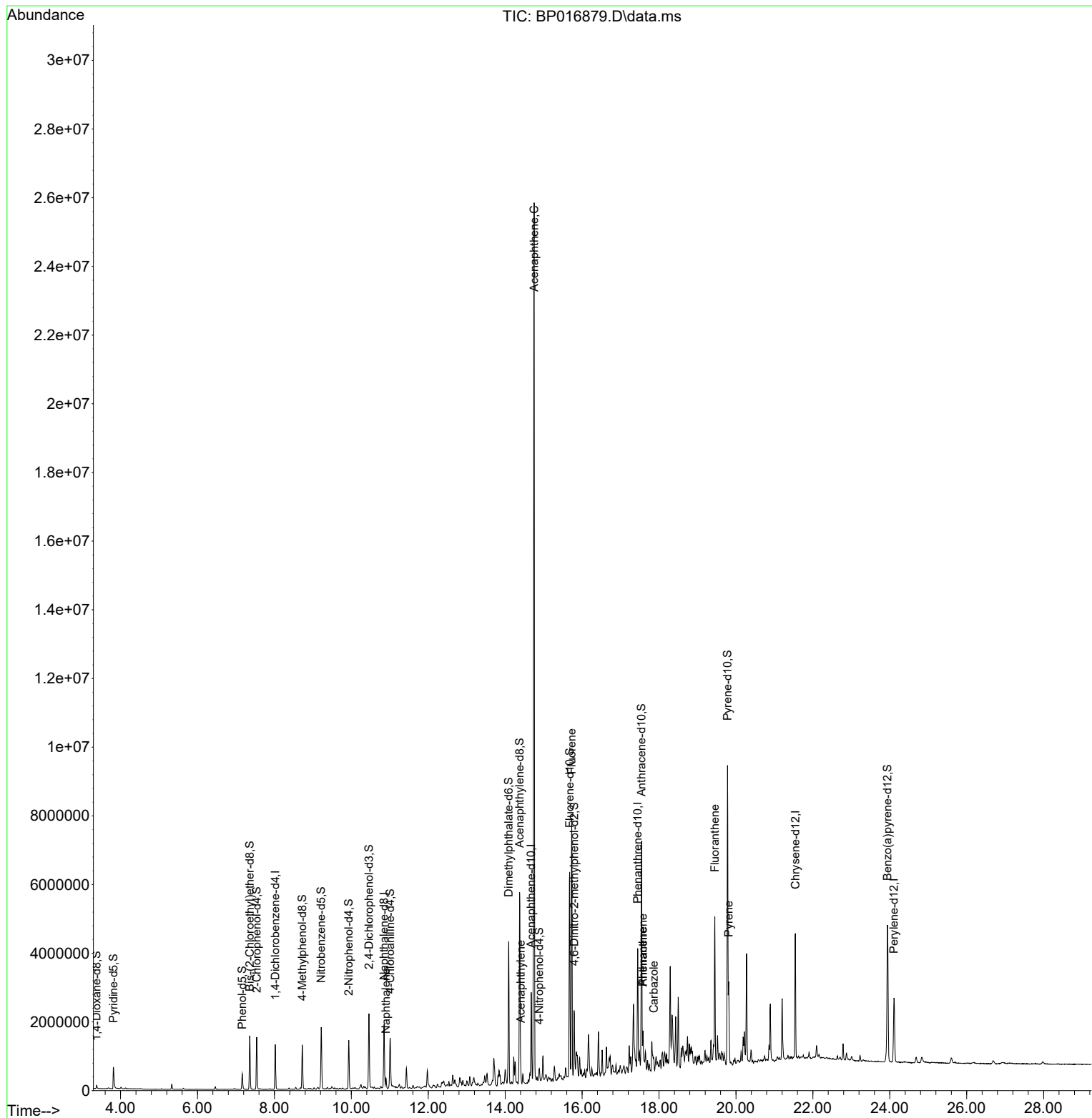
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	340663	20.000	ng/ul	0.00
20) Naphthalene-d8	10.851	136	1470776	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	885493	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1949739	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1577751	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1416972	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	45965	5.576	ng/uL	0.00
4) Pyridine-d5	3.816	84	371746	14.758	ng/ul	0.00
7) Phenol-d5	7.163	99	248483	8.203	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	667037	34.550	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	638507	28.035	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	462313	18.696	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	397569	35.751	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	412854	35.221	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	745004	34.092	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	753633	22.488	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	2626010	39.324	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	3002541	39.774	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	82019	5.942	ng/ul	0.00
60) Fluorene-d10	15.675	176	2297362	40.853	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	357340	30.775	ng/ul	0.00
73) Anthracene-d10	17.545	188	3599786	41.653	ng/ul	0.00
81) Pyrene-d10	19.780	212	3986553	46.006	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	2931509	41.302	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.898	128	238441	3.130	ng/ul	99
50) Acenaphthylene	14.404	152	147160	1.703	ng/ul#	94
52) Acenaphthene	14.751	153	10990477	192.268	ng/ul	98
61) Fluorene	15.728	166	3235327	49.316	ng/ul	99
72) Phenanthrene	17.580	178	546596	5.325	ng/ul	99
74) Anthracene	17.580	178	552189	5.320	ng/ul	98
77) Carbazole	17.863	167	190260	2.035	ng/ul	97
80) Fluoranthene	19.451	202	2308186	22.174	ng/ul	99
82) Pyrene	19.810	202	1183148	11.004	ng/ul	99

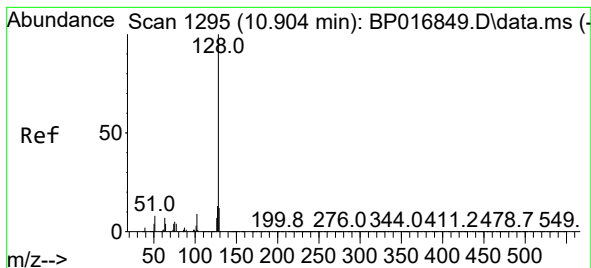
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 3.130 ng/ul

RT: 10.898 min Scan# 1295

Delta R.T. -0.006 min

Lab File: BP016879.D

Acq: 30 Aug 2023 19:38

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BNA_P

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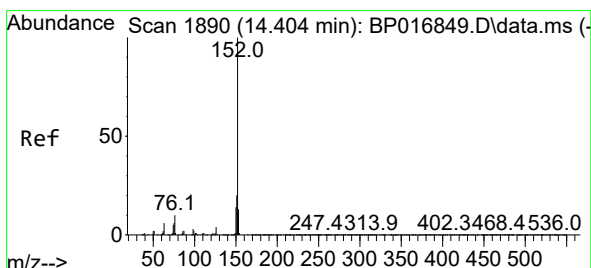
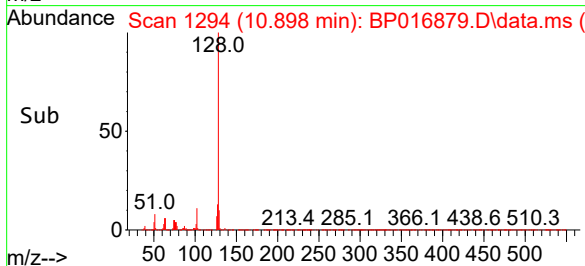
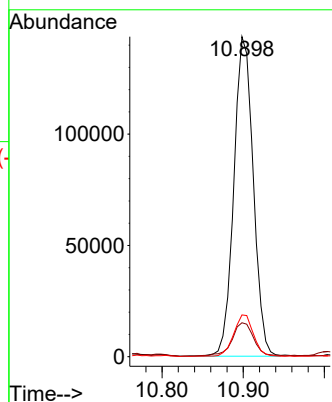
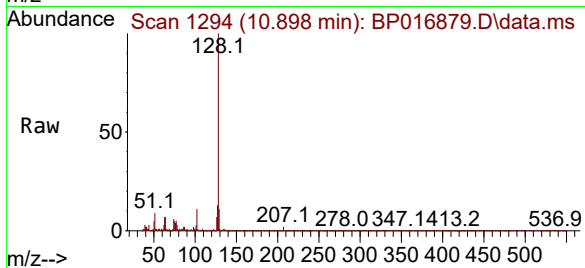
Tgt Ion:128 Resp: 238441

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

127 13.1 10.3 15.5



#50

Acenaphthylene

Concen: 1.703 ng/ul

RT: 14.404 min Scan# 1890

Delta R.T. -0.000 min

Lab File: BP016879.D

Acq: 30 Aug 2023 19:38

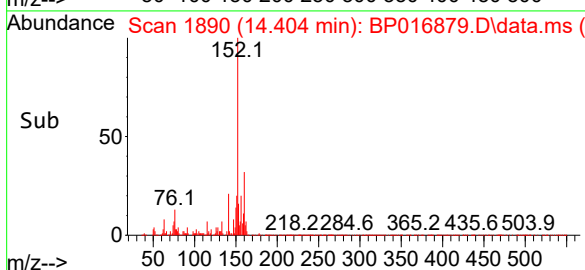
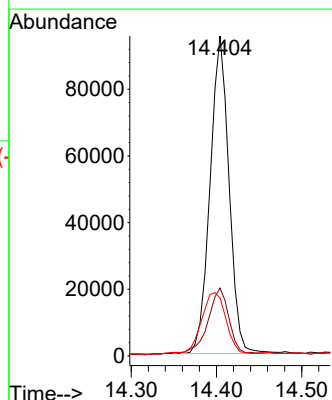
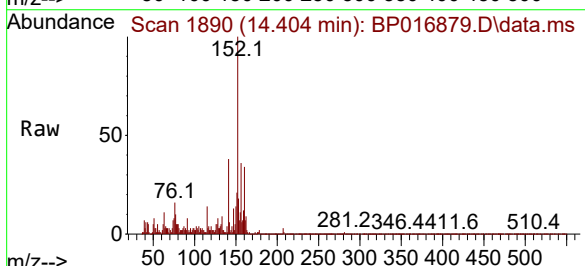
Tgt Ion:152 Resp: 147160

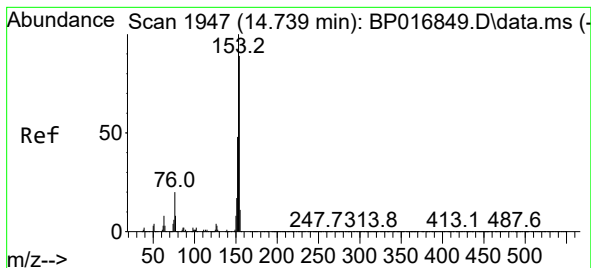
Ion Ratio Lower Upper

152 100

151 21.2 16.1 24.1

153 18.1 10.6 15.8#





#52

Acenaphthene

Concen: 192.268 ng/ul

RT: 14.751 min Scan# 1949

Delta R.T. 0.012 min

Lab File: BP016879.D

Acq: 30 Aug 2023 19:38

Instrument :

BNA_P

ClientSampleId :

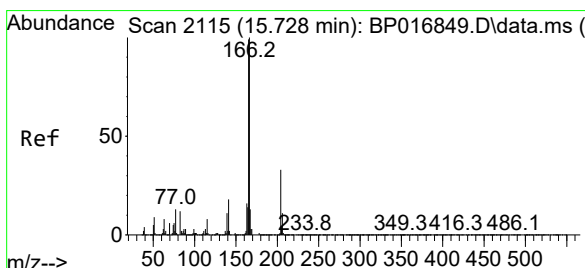
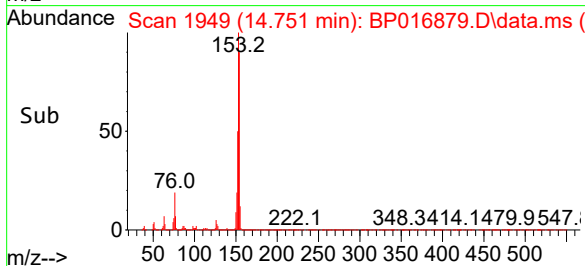
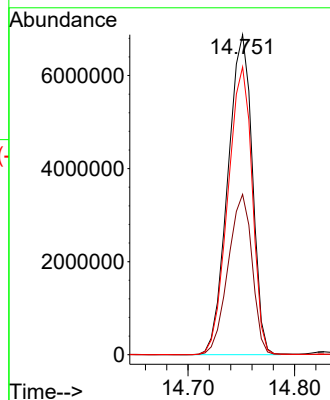
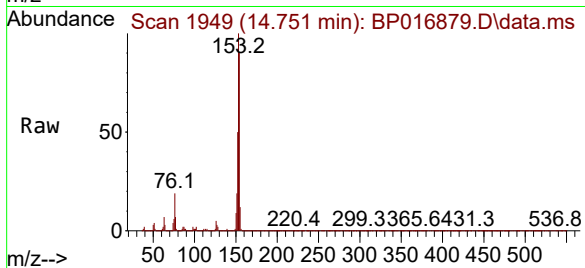
Tgt Ion:153 Resp:10990477

Ion Ratio Lower Upper

153 100

152 50.1 38.5 57.7

154 89.9 70.6 105.8



#61

Fluorene

Concen: 49.316 ng/ul

RT: 15.728 min Scan# 2115

Delta R.T. -0.000 min

Lab File: BP016879.D

Acq: 30 Aug 2023 19:38

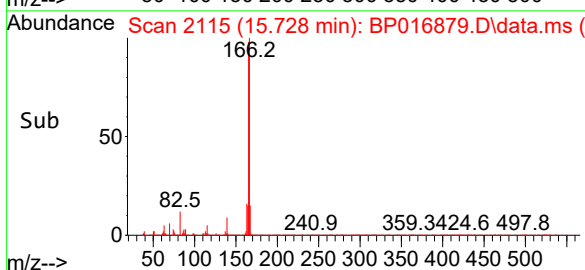
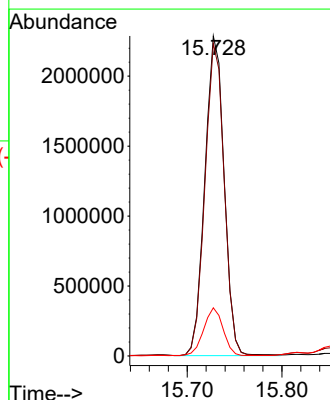
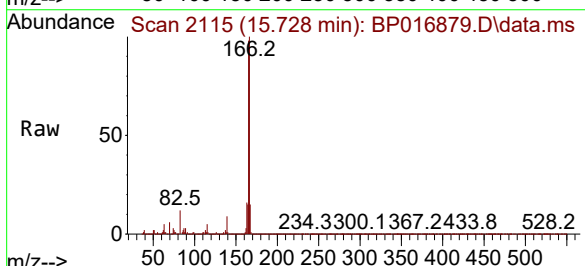
Tgt Ion:166 Resp: 3235327

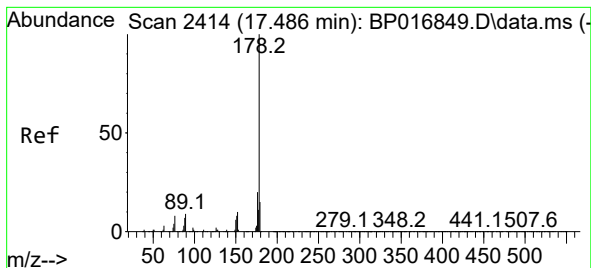
Ion Ratio Lower Upper

166 100

165 97.7 78.8 118.2

167 15.0 10.9 16.3





#72

Phenanthrene

Concen: 5.325 ng/ul

RT: 17.580 min Scan# 2414

Delta R.T. 0.094 min

Lab File: BP016879.D

Acq: 30 Aug 2023 19:38

Instrument :

BNA_P

ClientSampleId :

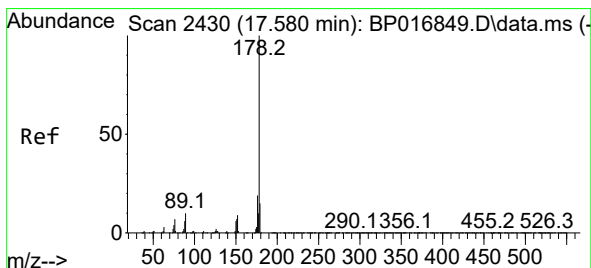
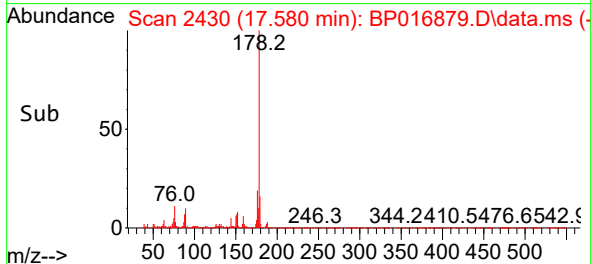
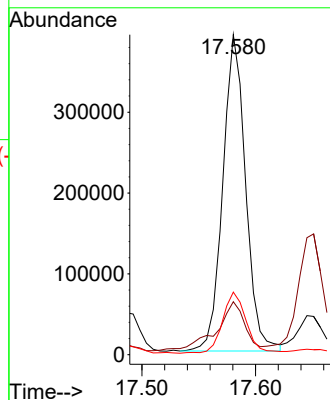
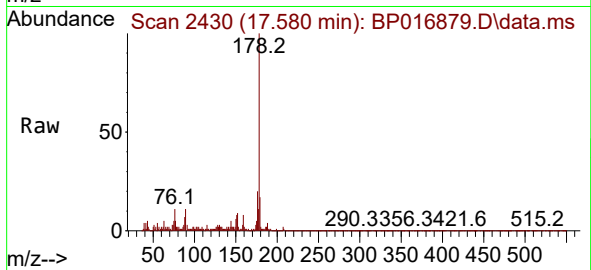
Tgt Ion:178 Resp: 546596

Ion Ratio Lower Upper

178 100

179 16.5 12.4 18.6

176 19.6 15.6 23.4



#74

Anthracene

Concen: 5.320 ng/ul

RT: 17.580 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BP016879.D

Acq: 30 Aug 2023 19:38

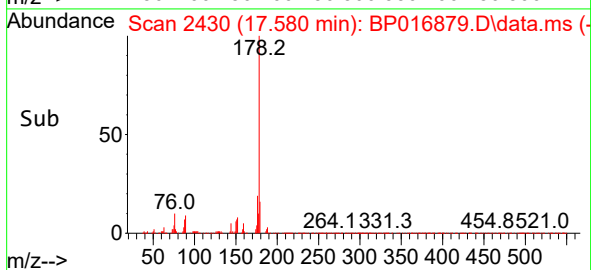
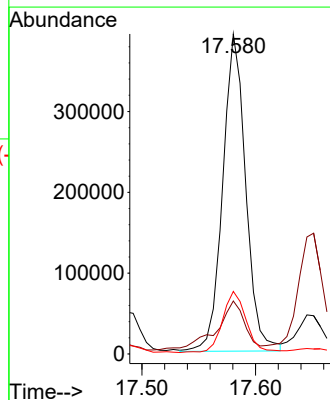
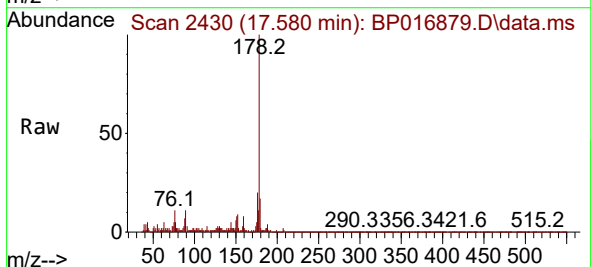
Tgt Ion:178 Resp: 552189

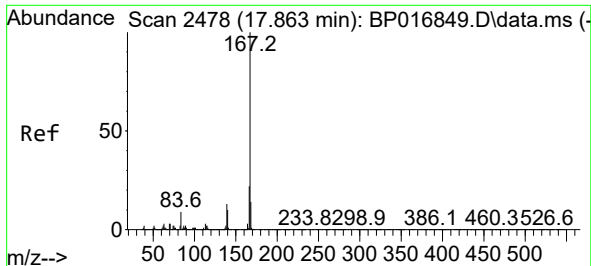
Ion Ratio Lower Upper

178 100

179 16.5 12.4 18.6

176 19.6 15.3 22.9

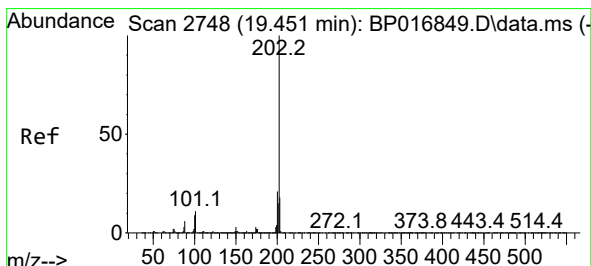
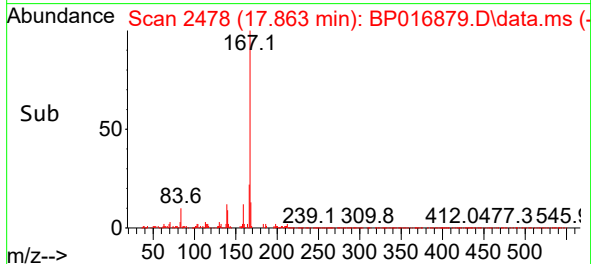
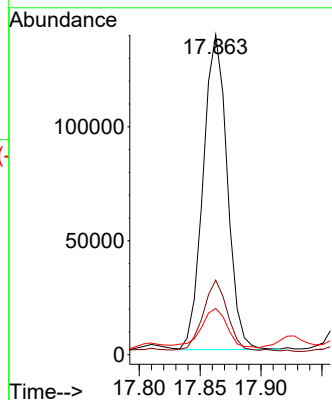
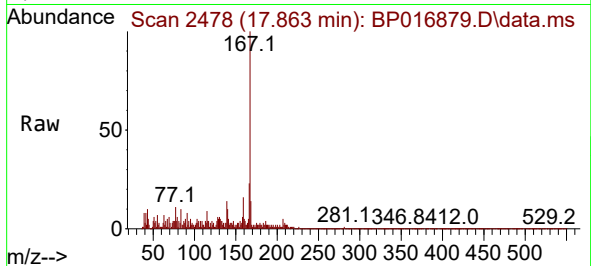




#77
 Carbazole
 Concen: 2.035 ng/ul
 RT: 17.863 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BP016879.D
 Acq: 30 Aug 2023 19:38

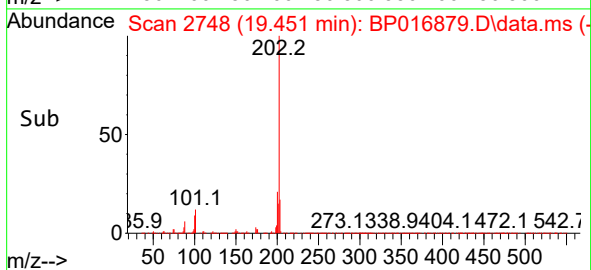
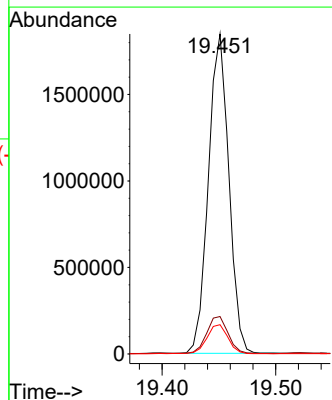
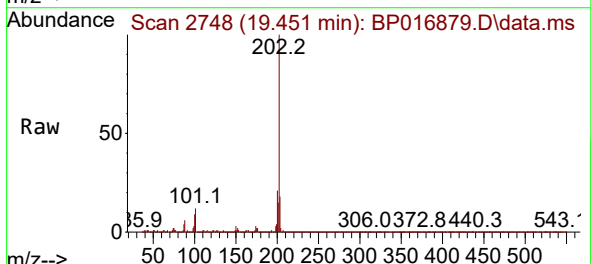
Instrument :
 BNA_P
 ClientSampleId :

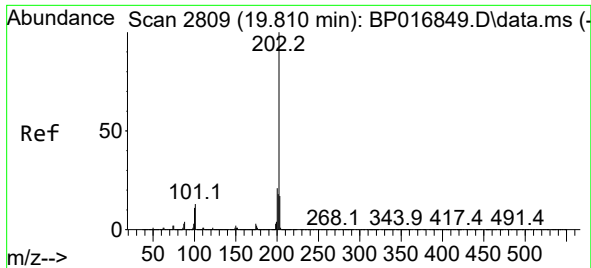
Tgt Ion:167 Resp: 190260
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.4 26.2
 139 14.5 10.4 15.6



#80
 Fluoranthene
 Concen: 22.174 ng/ul
 RT: 19.451 min Scan# 2748
 Delta R.T. -0.000 min
 Lab File: BP016879.D
 Acq: 30 Aug 2023 19:38

Tgt Ion:202 Resp: 2308186
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.7 14.5
 100 9.1 7.4 11.2





#82

Pyrene

Concen: 11.004 ng/ul

RT: 19.810 min Scan# 21

Delta R.T. -0.000 min

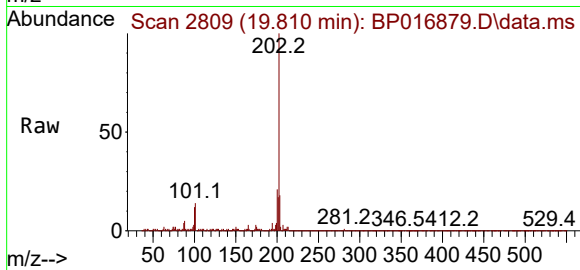
Lab File: BP016879.D

Acq: 30 Aug 2023 19:38

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:202 Resp: 1183148

Ion Ratio Lower Upper

202 100

101 13.9 11.4 17.2

100 11.5 9.4 14.2

