

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
 Data File : BP011858.D
 Acq On : 01 Oct 2022 13:01
 Operator : CG/JU
 Sample : N4745-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB8N7

Quant Time: Oct 03 00:59:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 01 00:53:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

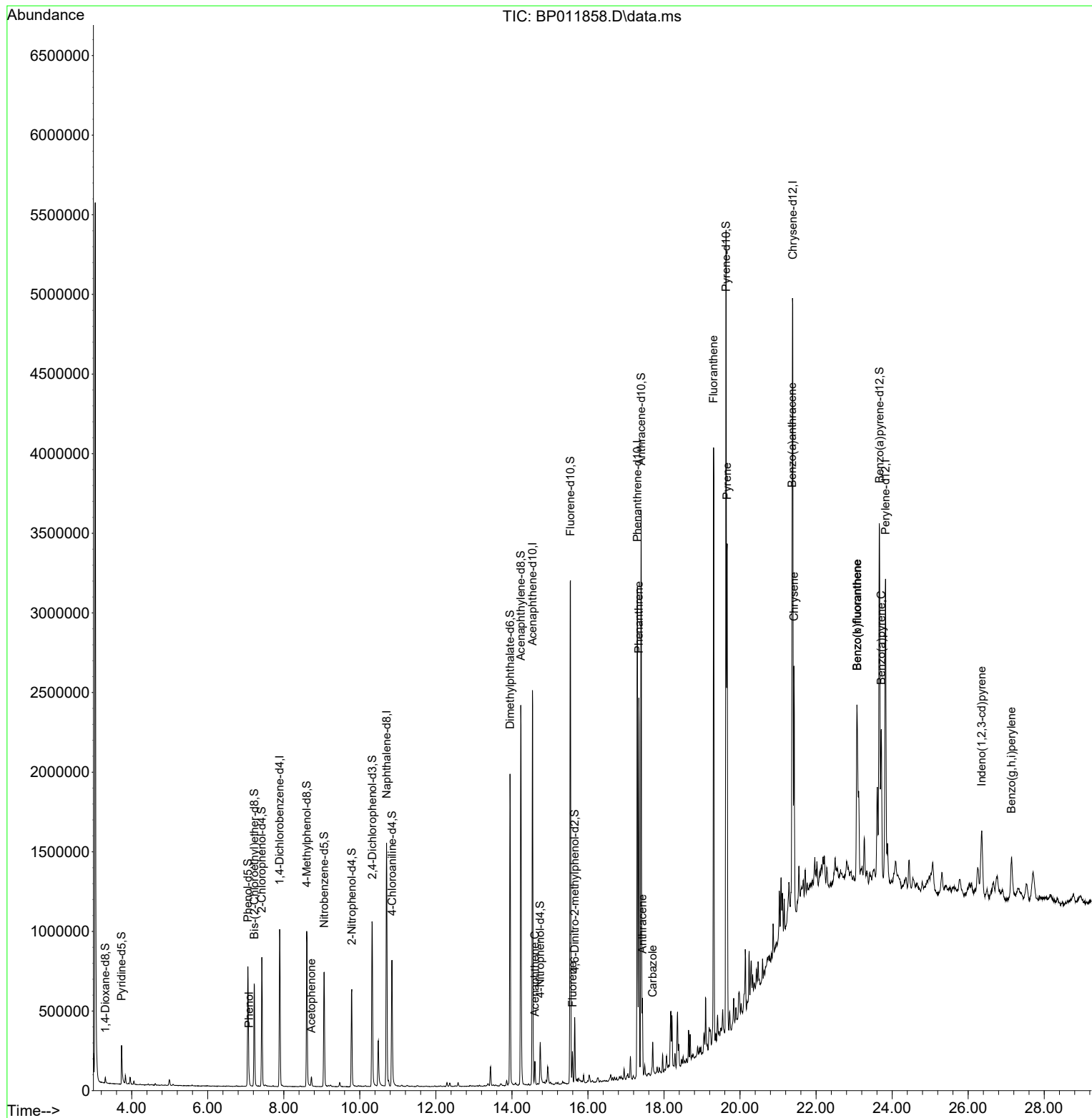
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	303951	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	1377529	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	900108	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1885024	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1689523	20.000	ng/ul	0.00
88) Perylene-d12	23.827	264	1427231	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	21792	3.162	ng/uL	0.00
4) Pyridine-d5	3.734	84	157692	7.811	ng/ul	0.00
7) Phenol-d5	7.057	99	513767	19.579	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	288473	19.834	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	442538	21.364	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	423077	19.504	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	224375	21.384	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	248904	22.173	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	456582	21.989	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	519868	16.423	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1426531	22.162	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	1667500	22.725	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	100736	7.558	ng/ul	0.00
60) Fluorene-d10	15.539	176	1309266	23.422	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	97297	8.528	ng/ul	0.00
73) Anthracene-d10	17.398	188	2045839	23.826	ng/ul	0.00
81) Pyrene-d10	19.633	212	2388882	27.919	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	1797227	25.155	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.087	94	32796	1.205	ng/ul	95
16) Acetophenone	8.722	105	37058	1.121	ng/ul	99
52) Acenaphthene	14.604	153	61269	1.066	ng/ul	99
61) Fluorene	15.592	166	84392	1.308	ng/ul	100
72) Phenanthrene	17.339	178	1483178	14.317	ng/ul	100
74) Anthracene	17.433	178	303331	2.910	ng/ul	98
77) Carbazole	17.704	167	130803	1.389	ng/ul	98
80) Fluoranthene	19.304	202	2233105	21.326	ng/ul	99
82) Pyrene	19.663	202	1892005	17.354	ng/ul	96
85) Benzo(a)anthracene	21.368	228	914205	8.274	ng/ul	99
87) Chrysene	21.421	228	880887	8.496	ng/ul	97
90) Benzo(b)fluoranthene	23.080	252	996620	10.940	ng/ul	98
91) Benzo(k)fluoranthene	23.080	252	996620	11.361	ng/ul	98
93) Benzo(a)pyrene	23.715	252	652805	8.030	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.356	276	426495	4.122	ng/ul	96
96) Benzo(g,h,i)perylene	27.139	276	353111	3.849	ng/ul	97

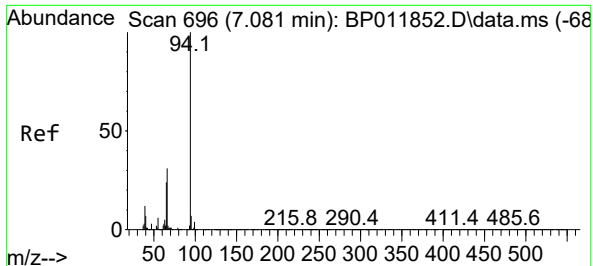
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
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Response via : Initial Calibration

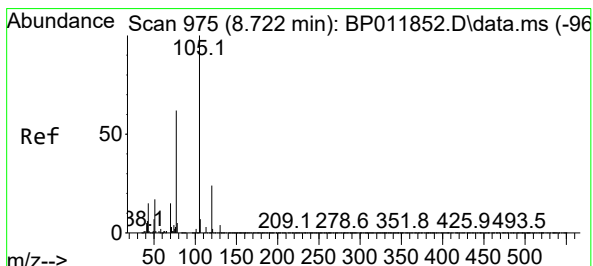
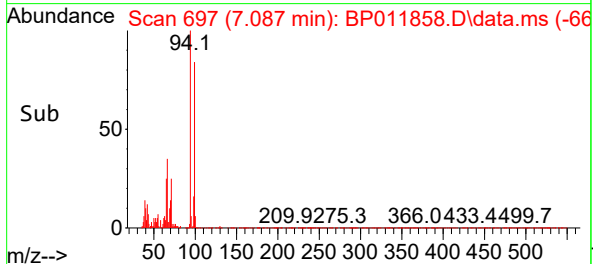
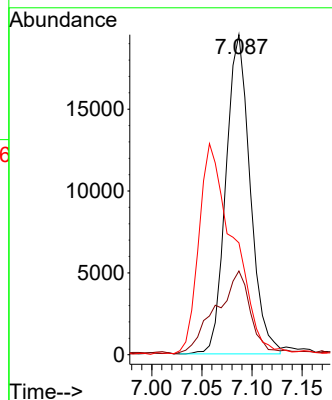
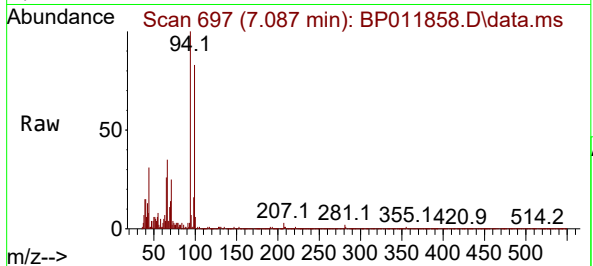




#8
Phenol
Concen: 1.205 ng/ul
RT: 7.087 min Scan# 697
Delta R.T. 0.006 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

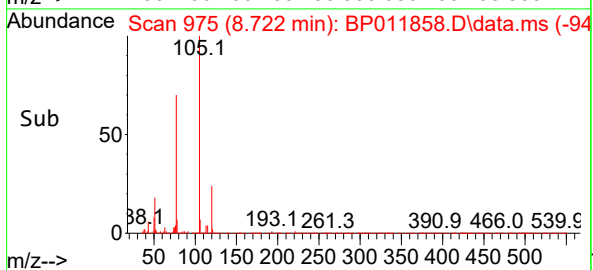
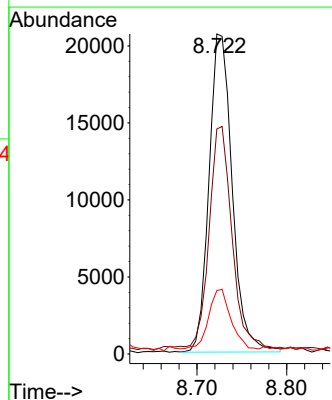
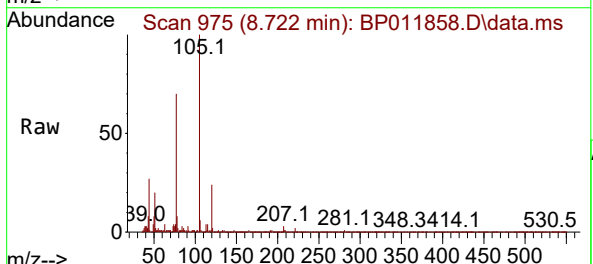
Instrument :
BNA_P
ClientSampleId :
CB8N7

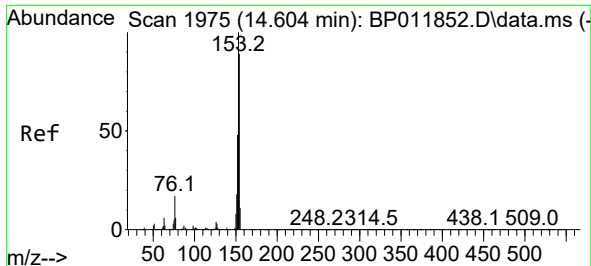
Tgt Ion: 94 Resp: 32796
Ion Ratio Lower Upper
94 100
65 26.1 19.5 29.3
66 34.9 25.0 37.4



#16
Acetophenone
Concen: 1.121 ng/ul
RT: 8.722 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

Tgt Ion: 105 Resp: 37058
Ion Ratio Lower Upper
105 100
77 70.3 55.4 83.0
51 19.8 15.2 22.8

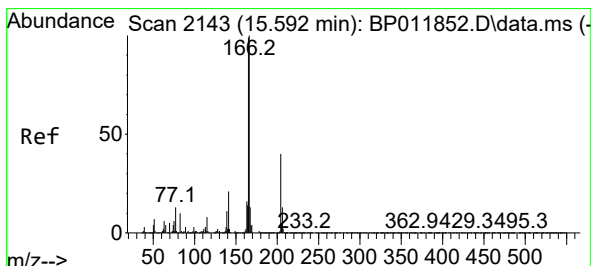
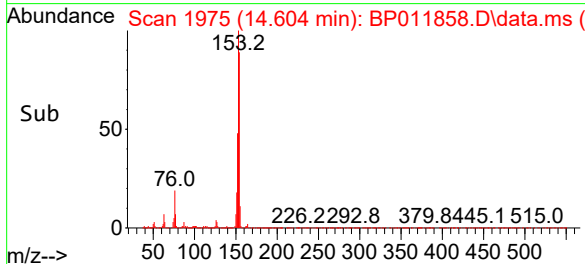
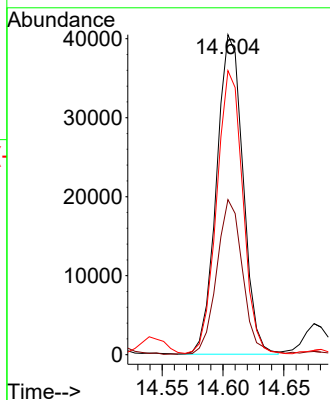
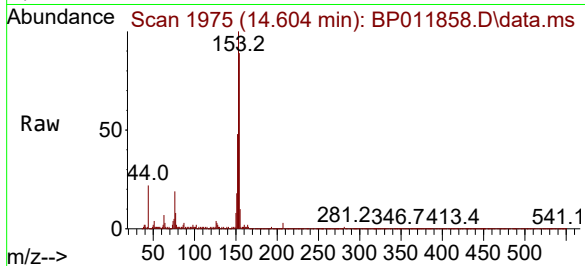




#52
Acenaphthene
Concen: 1.066 ng/ul
RT: 14.604 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

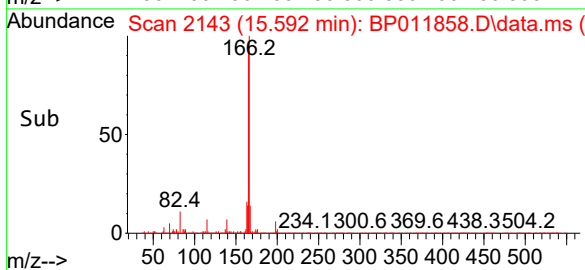
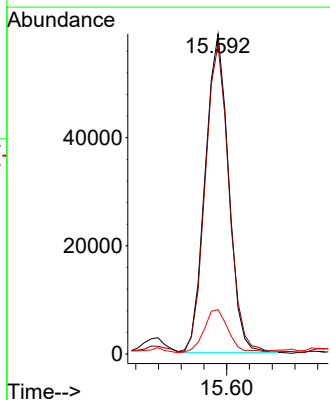
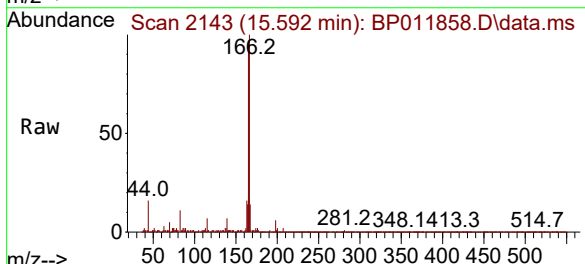
Instrument :
BNA_P
ClientSampleId :
CB8N7

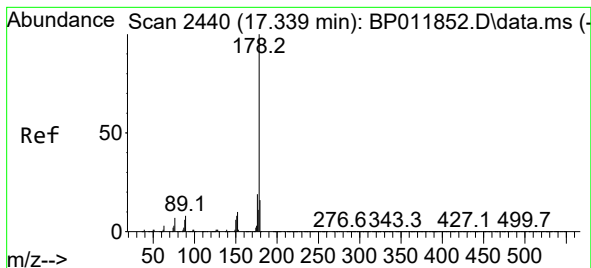
Tgt Ion:153 Resp: 61269
Ion Ratio Lower Upper
153 100
152 48.5 38.4 57.6
154 88.7 70.6 105.8



#61
Fluorene
Concen: 1.308 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

Tgt Ion:166 Resp: 84392
Ion Ratio Lower Upper
166 100
165 96.8 77.2 115.8
167 13.8 10.7 16.1





#72

Phenanthrene

Concen: 14.317 ng/ul

RT: 17.339 min Scan# 2440

Delta R.T. -0.000 min

Lab File: BP011858.D

Acq: 01 Oct 2022 13:01

Instrument :

BNA_P

ClientSampleId :

CB8N7

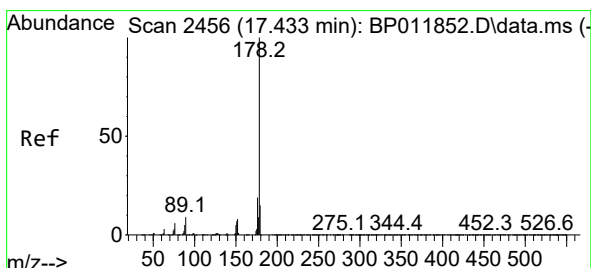
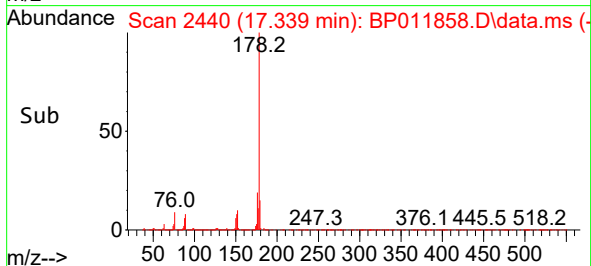
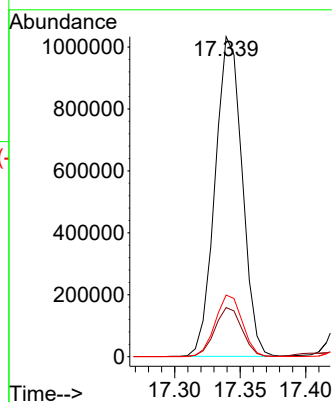
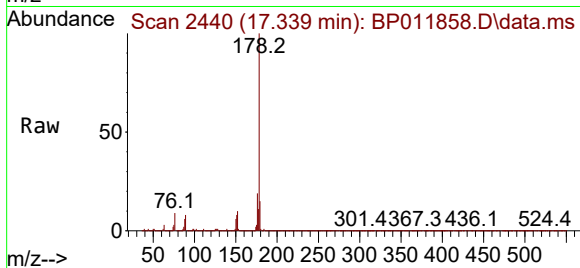
Tgt Ion:178 Resp: 1483178

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 19.2 15.4 23.2



#74

Anthracene

Concen: 2.910 ng/ul

RT: 17.433 min Scan# 2456

Delta R.T. -0.000 min

Lab File: BP011858.D

Acq: 01 Oct 2022 13:01

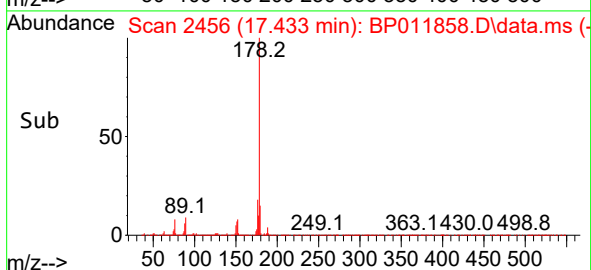
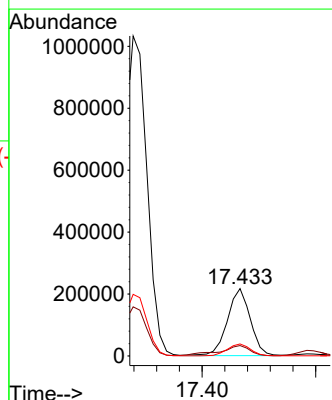
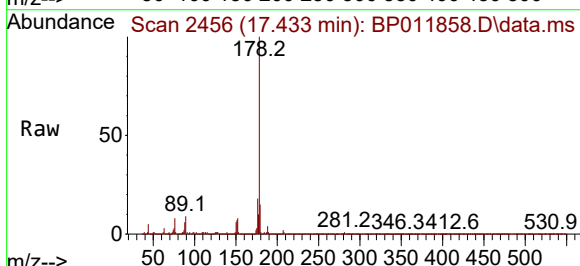
Tgt Ion:178 Resp: 303331

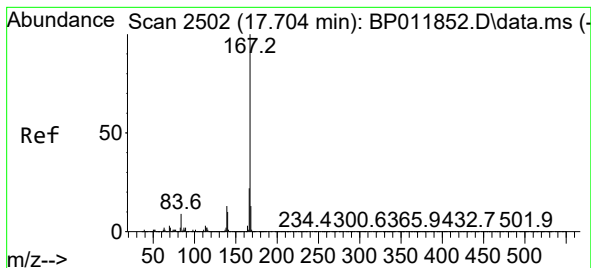
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 17.8 15.4 23.2





#77

Carbazole

Concen: 1.389 ng/ul

RT: 17.704 min Scan# 2502

Delta R.T. -0.000 min

Lab File: BP011858.D

Acq: 01 Oct 2022 13:01

Instrument :

BNA_P

ClientSampleId :

CB8N7

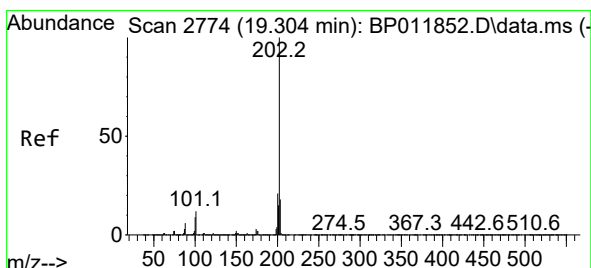
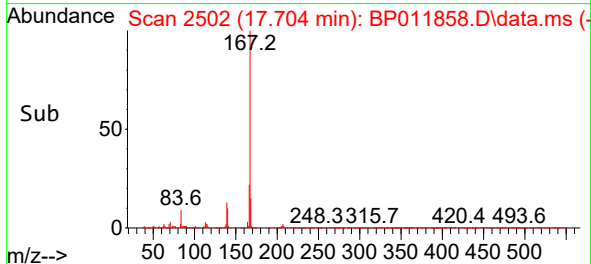
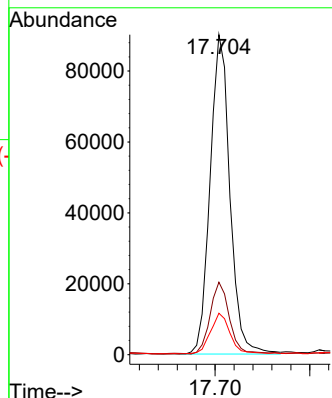
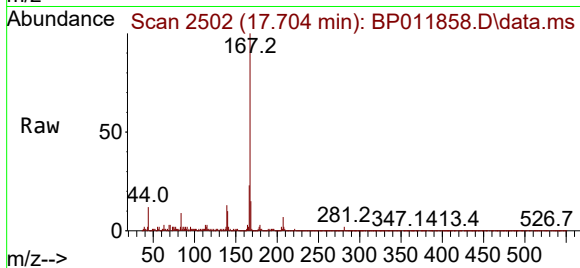
Tgt Ion:167 Resp: 130803

Ion Ratio Lower Upper

167 100

166 22.6 17.1 25.7

139 12.9 10.1 15.1



#80

Fluoranthene

Concen: 21.326 ng/ul

RT: 19.304 min Scan# 2774

Delta R.T. -0.000 min

Lab File: BP011858.D

Acq: 01 Oct 2022 13:01

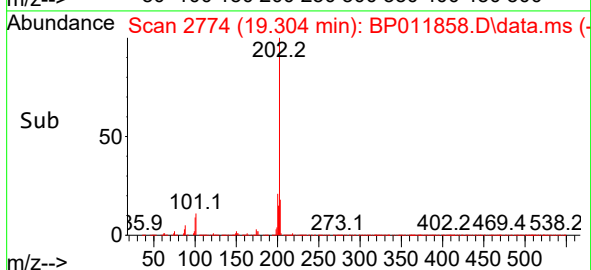
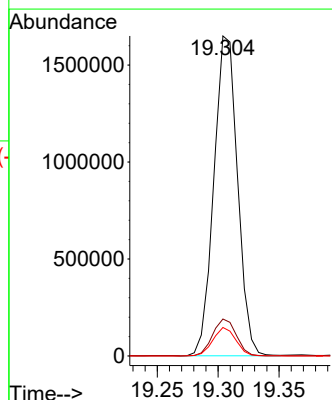
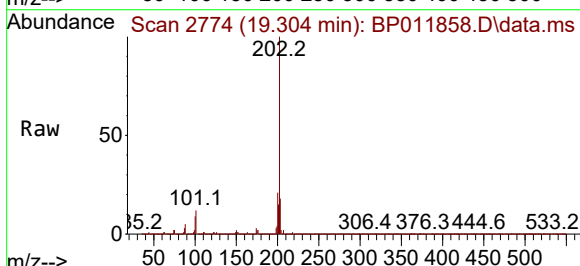
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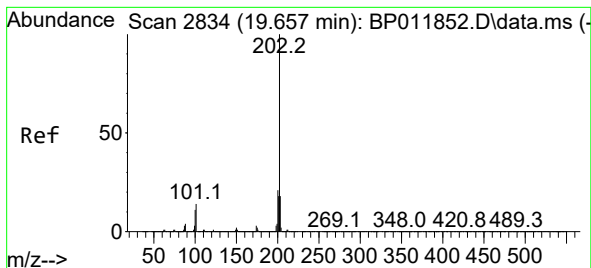
Ion Ratio Lower Upper

202 100

101 11.5 9.8 14.6

100 8.9 7.4 11.0





#82

Pyrene

Concen: 17.354 ng/ul

RT: 19.663 min Scan# 2835

Delta R.T. 0.006 min

Lab File: BP011858.D

Acq: 01 Oct 2022 13:01

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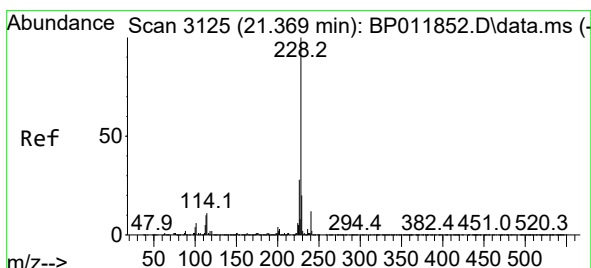
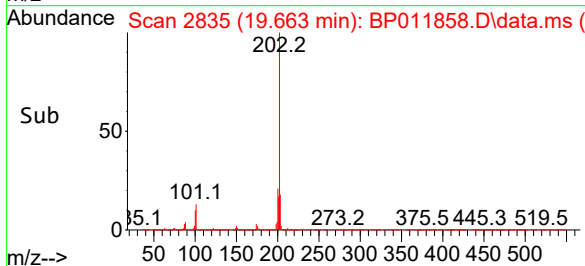
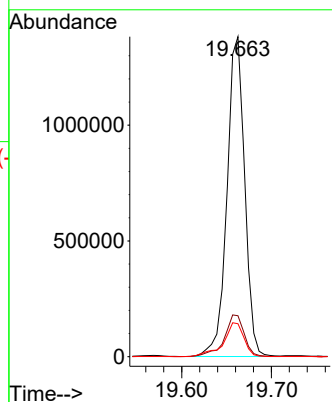
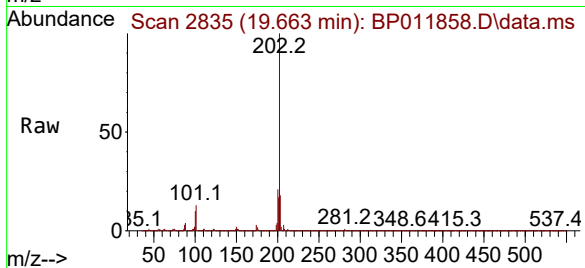
Tgt Ion:202 Resp: 1892005

Ion Ratio Lower Upper

202 100

101 12.8 11.6 17.4

100 10.3 9.4 14.0



#85

Benzo(a)anthracene

Concen: 8.274 ng/ul

RT: 21.368 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BP011858.D

Acq: 01 Oct 2022 13:01

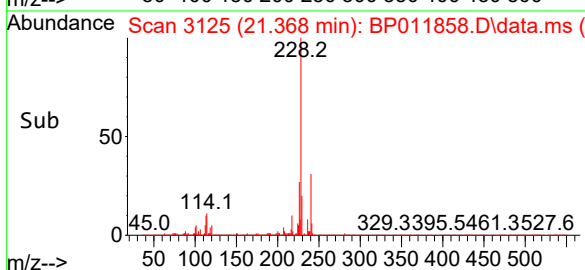
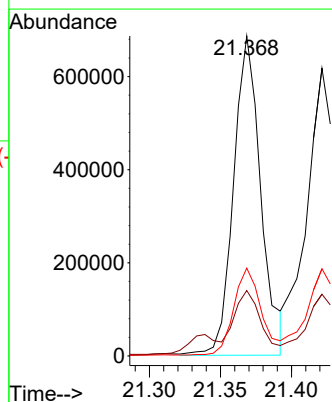
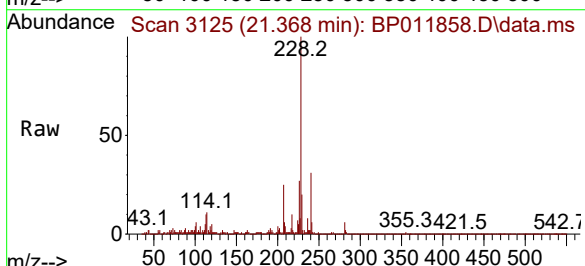
Tgt Ion:228 Resp: 914205

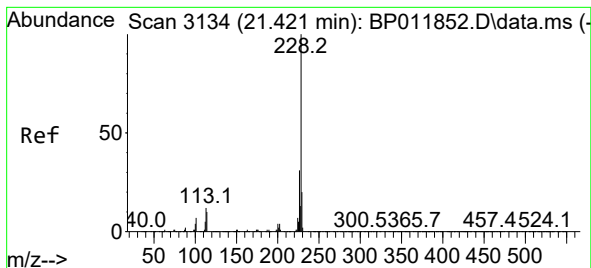
Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.6

226 27.4 22.0 33.0





#87

Chrysene

Concen: 8.496 ng/ul

RT: 21.421 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BP011858.D

Acq: 01 Oct 2022 13:01

Instrument :

BNA_P

ClientSampleId :

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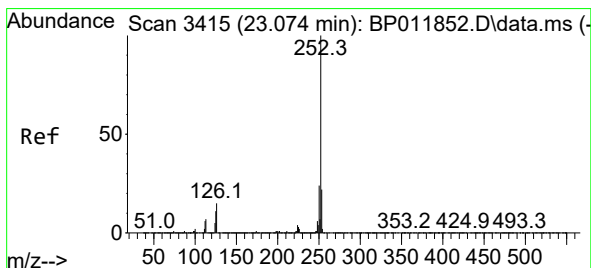
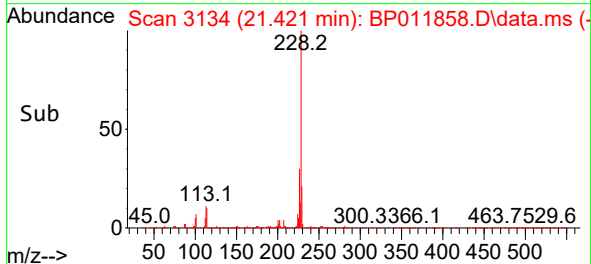
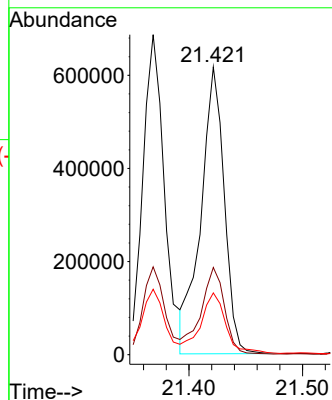
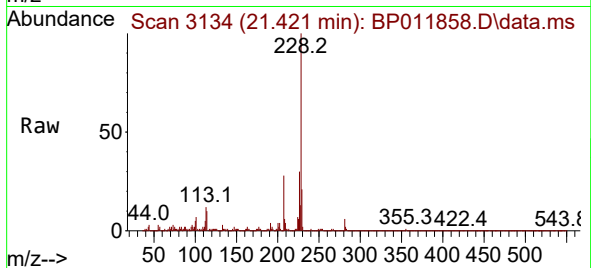
Tgt Ion:228 Resp: 880887

Ion Ratio Lower Upper

228 100

226 30.3 25.3 37.9

229 21.5 16.2 24.2



#90

Benzo(b)fluoranthene

Concen: 10.940 ng/ul

RT: 23.080 min Scan# 3416

Delta R.T. 0.006 min

Lab File: BP011858.D

Acq: 01 Oct 2022 13:01

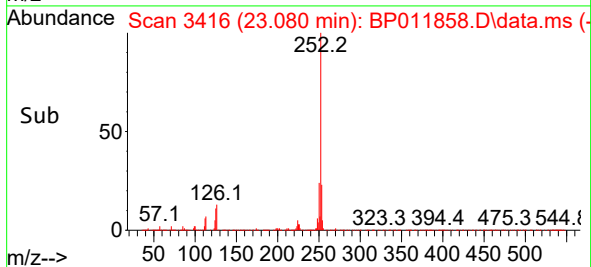
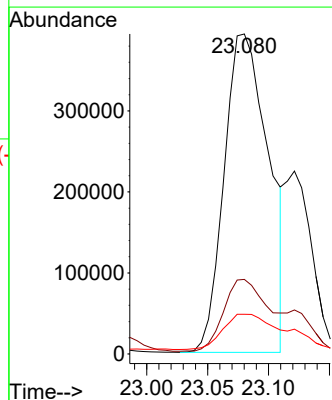
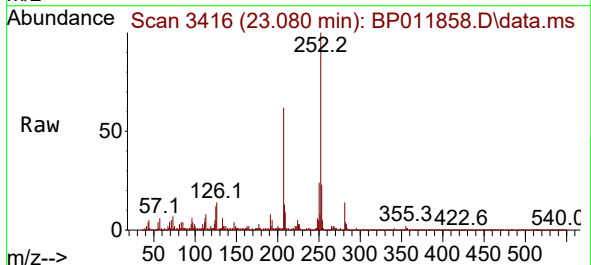
Tgt Ion:252 Resp: 996620

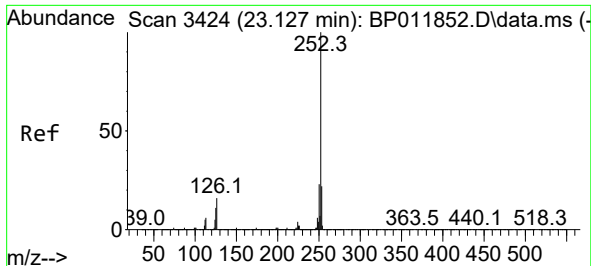
Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

125 12.4 9.2 13.8

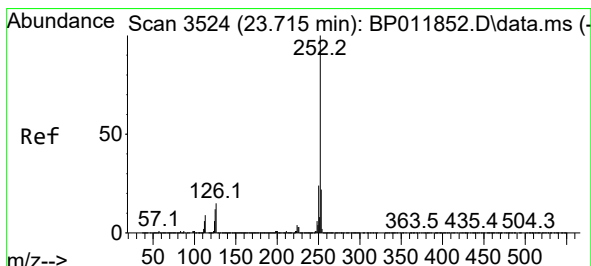
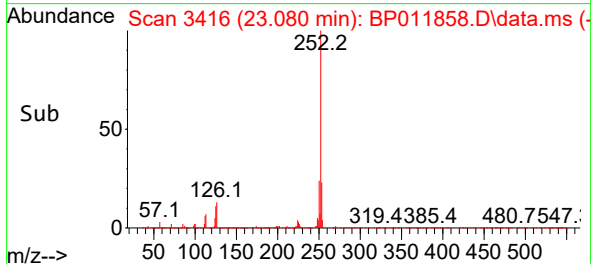
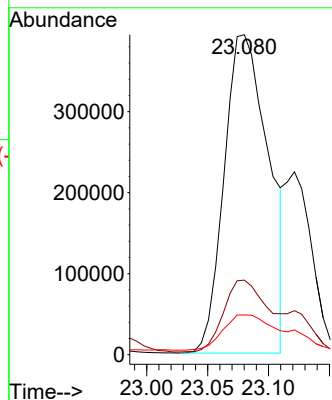
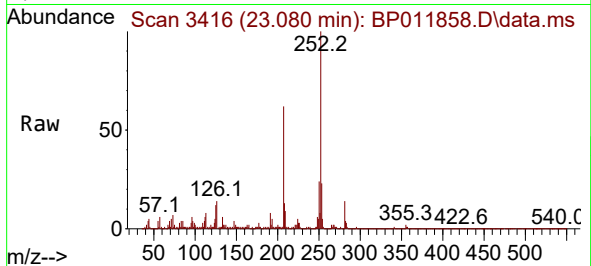




#91
Benzo(k)fluoranthene
Concen: 11.361 ng/ul
RT: 23.080 min Scan# 3416
Delta R.T. -0.041 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

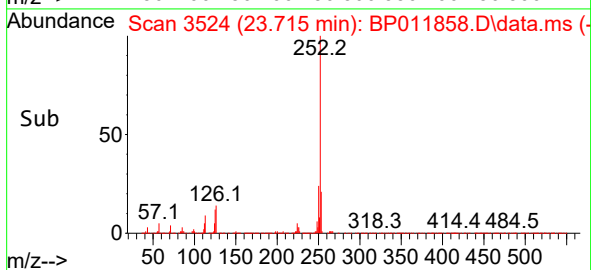
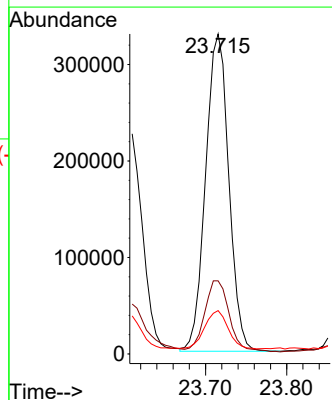
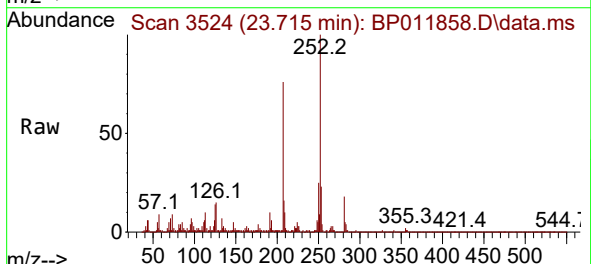
Instrument :
BNA_P
ClientSampleId :
CB8N7

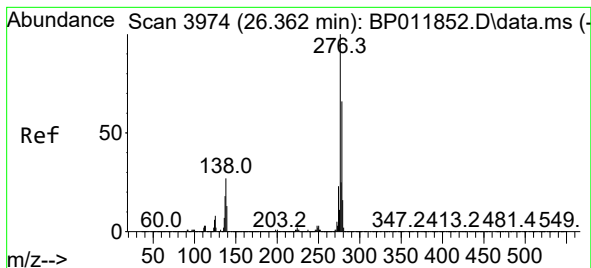
Tgt Ion:252 Resp: 996620
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 12.4 9.2 13.8



#93
Benzo(a)pyrene
Concen: 8.030 ng/ul
RT: 23.715 min Scan# 3524
Delta R.T. -0.000 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

Tgt Ion:252 Resp: 652805
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 13.5 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.122 ng/ul

RT: 26.356 min Scan# 3973

Delta R.T. -0.006 min

Lab File: BP011858.D

Acq: 01 Oct 2022 13:01

Instrument :

BNA_P

ClientSampleId :

CB8N7

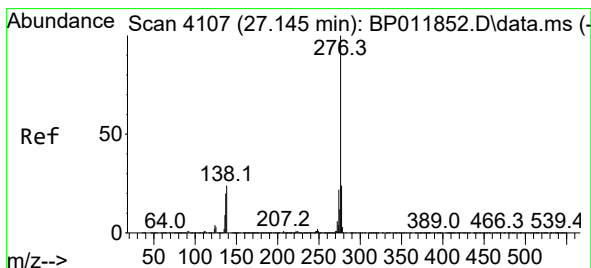
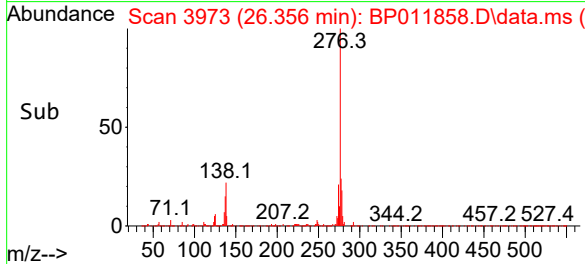
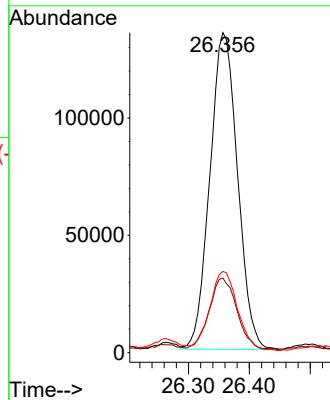
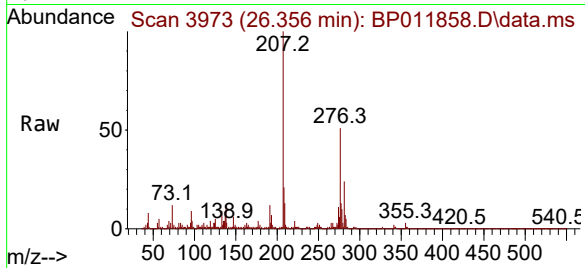
Tgt Ion:276 Resp: 426495

Ion Ratio Lower Upper

276 100

138 23.3 21.4 32.0

277 25.4 19.9 29.9



#96

Benzo(g,h,i)perylene

Concen: 3.849 ng/ul

RT: 27.139 min Scan# 4106

Delta R.T. -0.006 min

Lab File: BP011858.D

Acq: 01 Oct 2022 13:01

Tgt Ion:276 Resp: 353111

Ion Ratio Lower Upper

276 100

138 23.4 19.8 29.6

277 24.5 18.6 27.8

