

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015672.D
 Acq On : 23 Jun 2023 15:30
 Operator : MA/JU
 Sample : 03083-13DL 30X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL1DL2

Quant Time: Jun 23 22:35:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

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

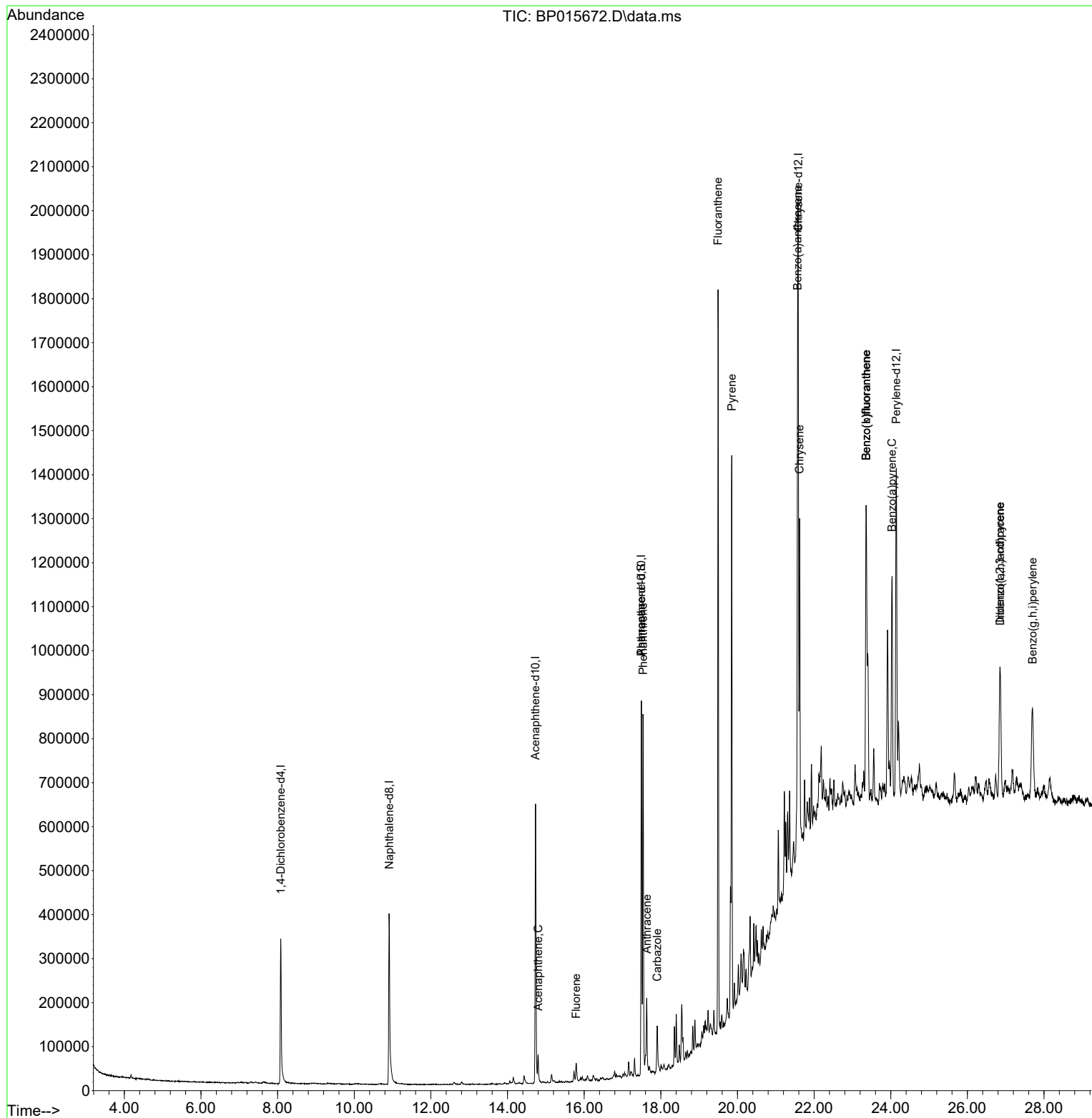
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	103545	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	387964	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	234069	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	512532	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	521187	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	637762	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	70	0.025	ng/uL	-0.01
4) Pyridine-d5	3.852	84	154	0.021	ng/ul	0.01
7) Phenol-d5	7.240	99	26	0.003	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	1291	0.227	ng/ul	0.01
11) 2-Chlorophenol-d4	7.640	132	1495	0.216	ng/ul	0.04
15) 4-Methylphenol-d8	8.810	113	46	0.006	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	79	0.026	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	82	0.024	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	30	0.005	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	76	0.008	ng/ul	0.01
46) Dimethylphthalate-d6	14.151	166	10978	0.595	ng/ul	0.02
49) Acenaphthylene-d8	14.428	160	12191	0.604	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	15	0.005	ng/ul	0.00
60) Fluorene-d10	15.734	176	9484	0.609	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.857	200	19	0.006	ng/ul	0.00
73) Anthracene-d10	17.492	188	512608	21.982	ng/ul	-0.10
81) Pyrene-d10	19.816	212	21522	0.772	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	23581	0.737	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.798	153	25773	1.668	ng/ul	91
61) Fluorene	15.792	166	23996	1.344	ng/ul	99
72) Phenanthrene	17.539	178	501614	18.238	ng/ul	99
74) Anthracene	17.633	178	113793	4.078	ng/ul	98
77) Carbazole	17.904	167	72192	2.873	ng/ul	98
80) Fluoranthene	19.492	202	984082	28.962	ng/ul	99
82) Pyrene	19.851	202	786120	22.363	ng/ul	97
85) Benzo(a)anthracene	21.569	228	471374	12.937	ng/ul	99
87) Chrysene	21.621	228	458567	13.315	ng/ul	96
90) Benzo(b)fluoranthene	23.357	252	668995	16.251	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	668995	16.811	ng/ul	99
93) Benzo(a)pyrene	24.033	252	438269	12.211	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.851	276	345523	7.439	ng/ul	96
95) Dibenzo(a,h)anthracene	26.856	278	95124	2.514	ng/ul#	78
96) Benzo(g,h,i)perylene	27.698	276	313571	8.192	ng/ul	96

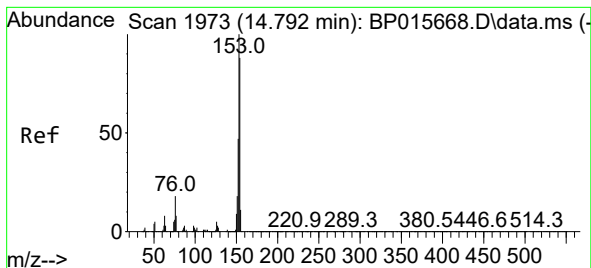
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#52

Acenaphthene

Concen: 1.668 ng/ul

RT: 14.798 min Scan# 1973

Delta R.T. 0.006 min

Lab File: BP015672.D

Acq: 23 Jun 2023 15:30

Instrument :

BNA_P

ClientSampleId :

DCFL1DL2

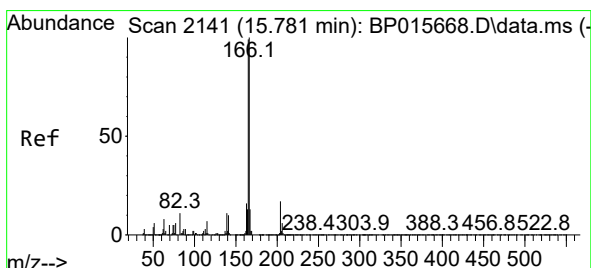
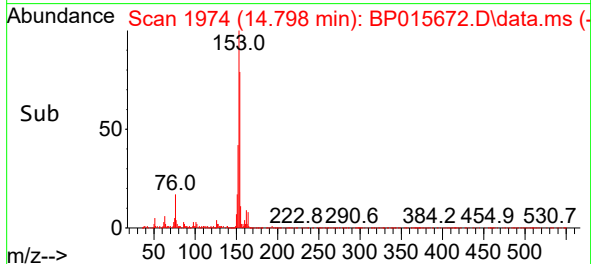
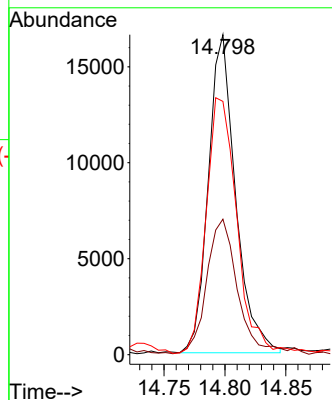
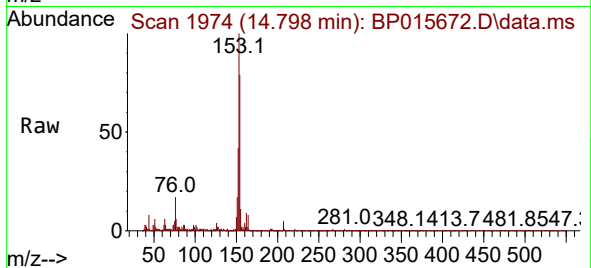
Tgt Ion:153 Resp: 25773

Ion Ratio Lower Upper

153 100

152 42.3 38.3 57.5

154 79.2 69.8 104.6



#61

Fluorene

Concen: 1.344 ng/ul

RT: 15.792 min Scan# 2143

Delta R.T. 0.012 min

Lab File: BP015672.D

Acq: 23 Jun 2023 15:30

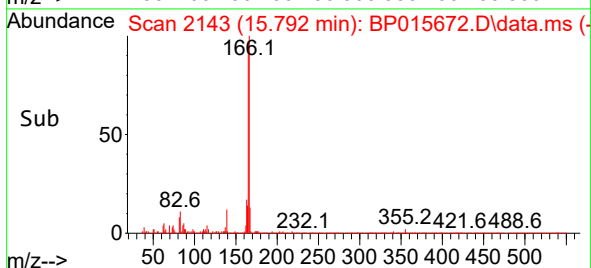
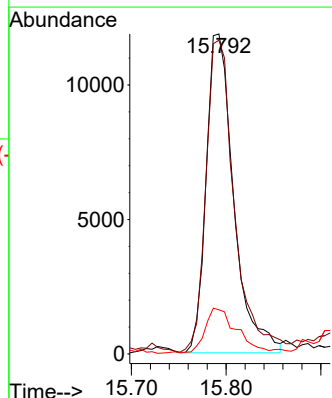
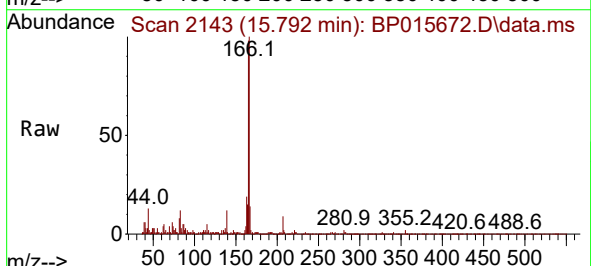
Tgt Ion:166 Resp: 23996

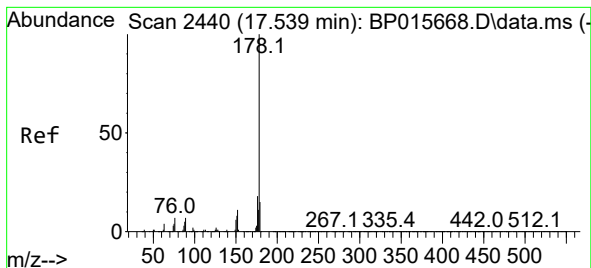
Ion Ratio Lower Upper

166 100

165 98.1 79.1 118.7

167 13.8 10.6 16.0





#72

Phenanthrene

Concen: 18.238 ng/ul

RT: 17.539 min Scan# 2440

Delta R.T. 0.006 min

Lab File: BP015672.D

Acq: 23 Jun 2023 15:30

Instrument :

BNA_P

ClientSampleId :

DCFL1DL2

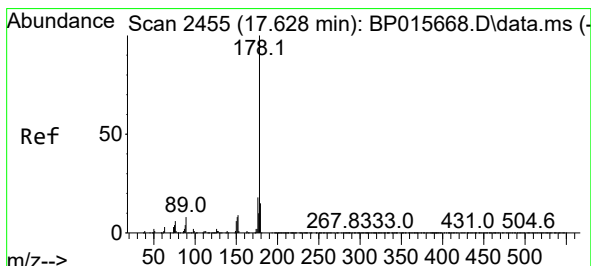
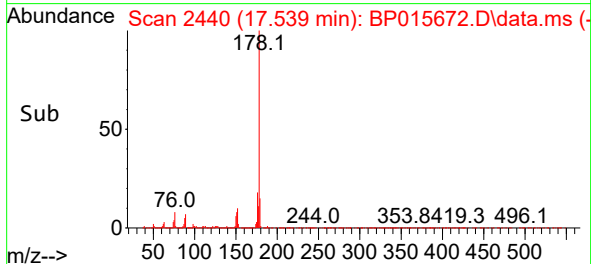
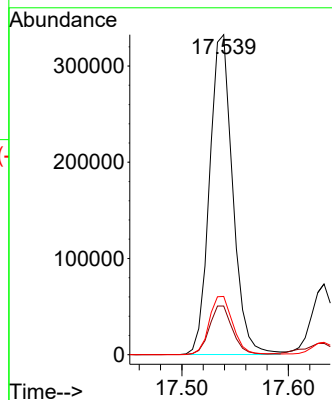
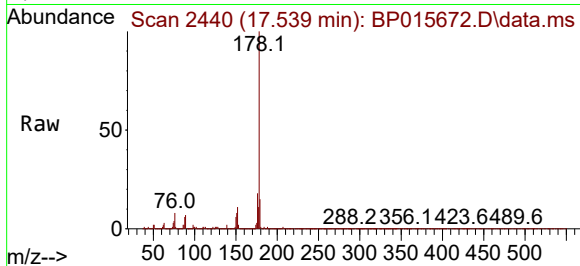
Tgt Ion:178 Resp: 501614

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 18.2 15.4 23.0



#74

Anthracene

Concen: 4.078 ng/ul

RT: 17.633 min Scan# 2456

Delta R.T. 0.006 min

Lab File: BP015672.D

Acq: 23 Jun 2023 15:30

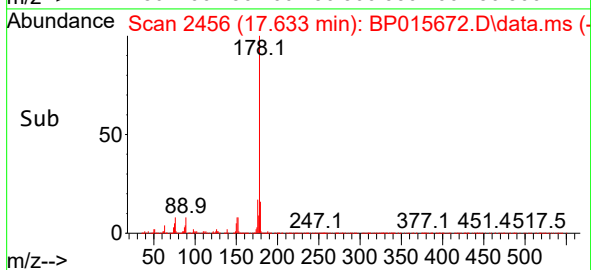
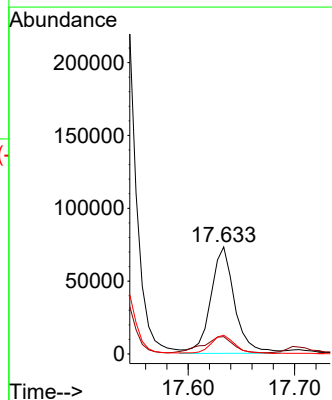
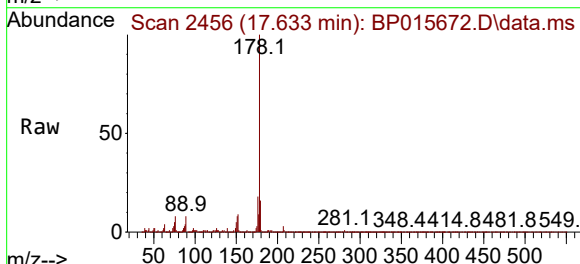
Tgt Ion:178 Resp: 113793

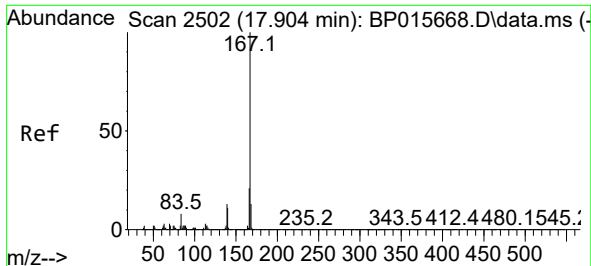
Ion Ratio Lower Upper

178 100

179 16.1 12.4 18.6

176 17.5 15.0 22.4

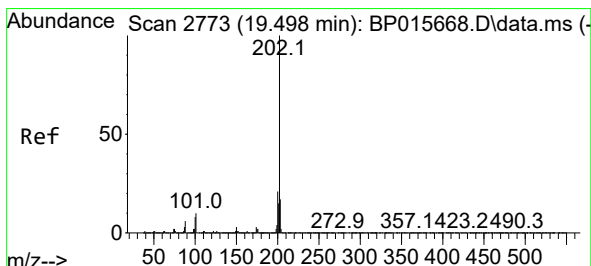
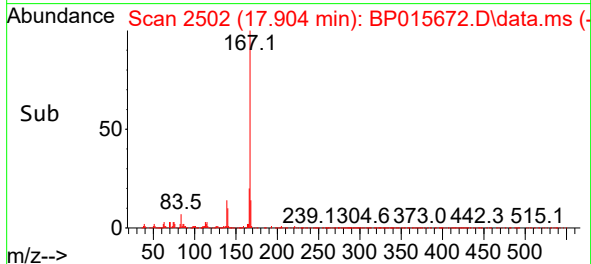
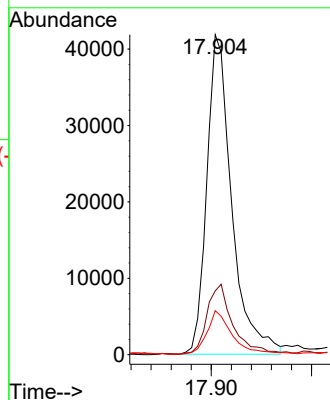
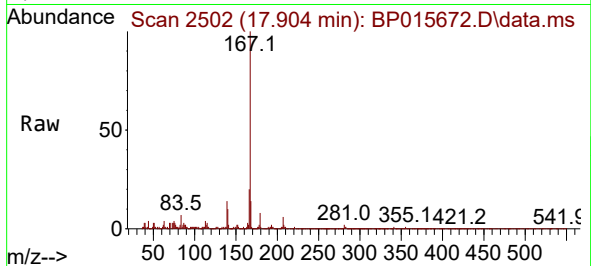




#77
 Carbazole
 Concen: 2.873 ng/ul
 RT: 17.904 min Scan# 2502
 Delta R.T. 0.006 min
 Lab File: BP015672.D
 Acq: 23 Jun 2023 15:30

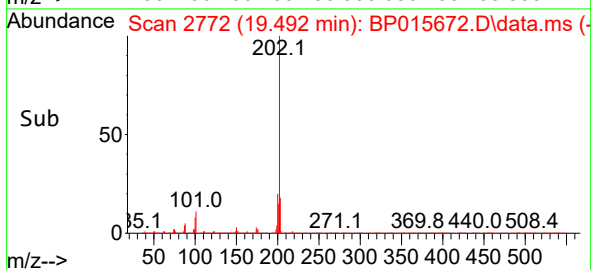
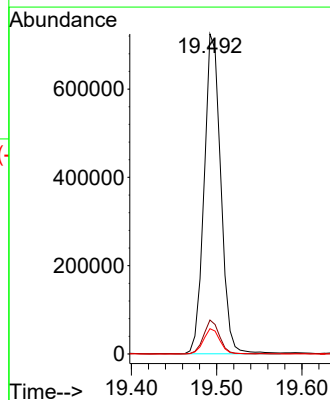
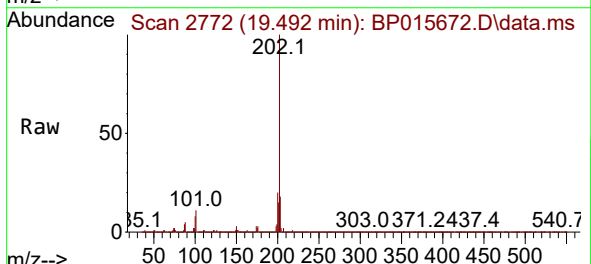
Instrument :
 BNA_P
 ClientSampleId :
 DCFL1DL2

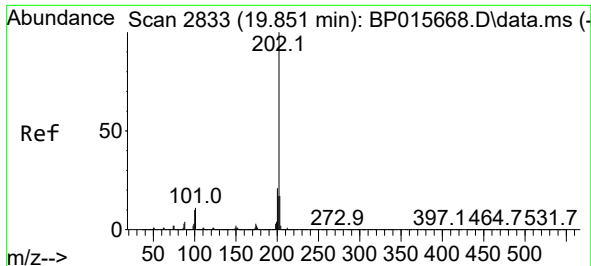
Tgt Ion:	167	Resp:	72192
Ion Ratio	Lower	Upper	
167	100		
166	19.9	17.2	25.8
139	13.8	10.6	16.0



#80
 Fluoranthene
 Concen: 28.962 ng/ul
 RT: 19.492 min Scan# 2772
 Delta R.T. 0.000 min
 Lab File: BP015672.D
 Acq: 23 Jun 2023 15:30

Tgt Ion:	202	Resp:	984082
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.6	13.0
100	7.9	6.6	9.8

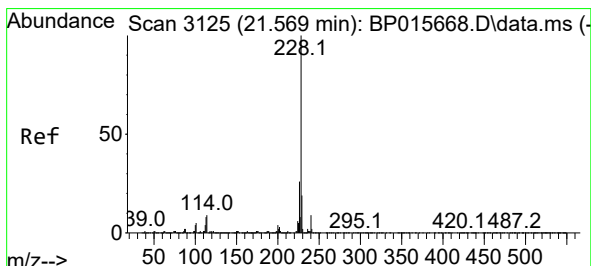
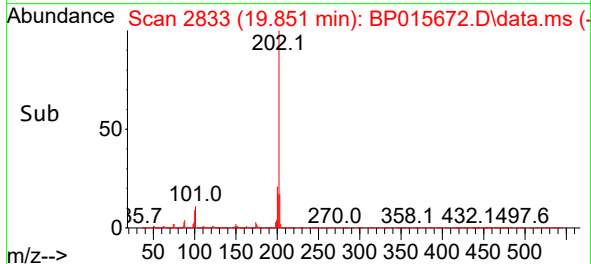
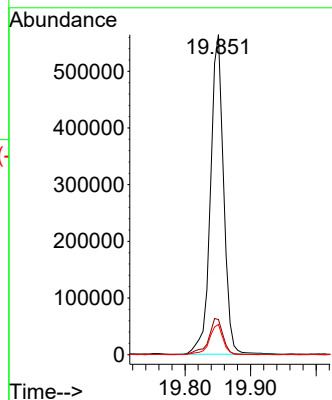
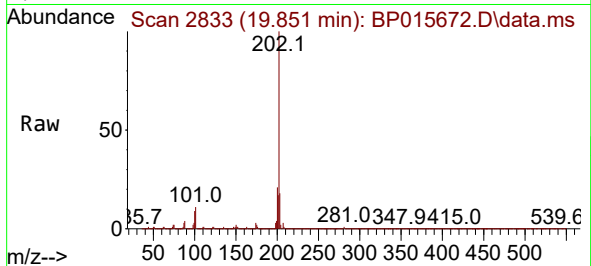




#82
Pyrene
Concen: 22.363 ng/ul
RT: 19.851 min Scan# 2833
Delta R.T. 0.006 min
Lab File: BP015672.D
Acq: 23 Jun 2023 15:30

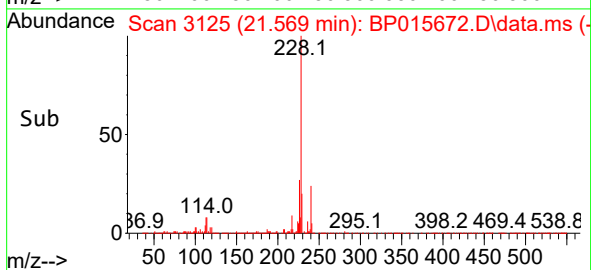
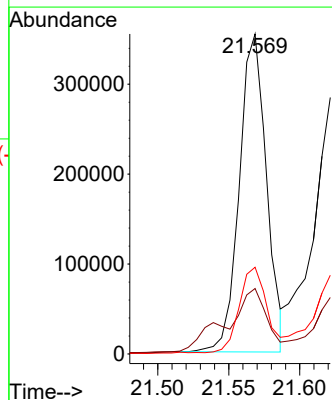
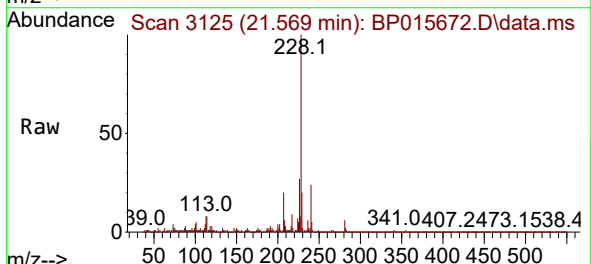
Instrument :
BNA_P
ClientSampleId :
DCFL1DL2

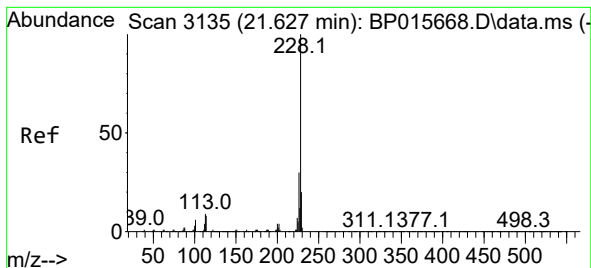
Tgt Ion:202 Resp: 786120
Ion Ratio Lower Upper
202 100
101 11.0 9.9 14.9
100 9.4 8.4 12.6



#85
Benzo(a)anthracene
Concen: 12.937 ng/ul
RT: 21.569 min Scan# 3125
Delta R.T. 0.006 min
Lab File: BP015672.D
Acq: 23 Jun 2023 15:30

Tgt Ion:228 Resp: 471374
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 27.1 21.8 32.6





#87

Chrysene

Concen: 13.315 ng/ul

RT: 21.621 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BP015672.D

Acq: 23 Jun 2023 15:30

Instrument :

BNA_P

ClientSampleId :

DCFL1DL2

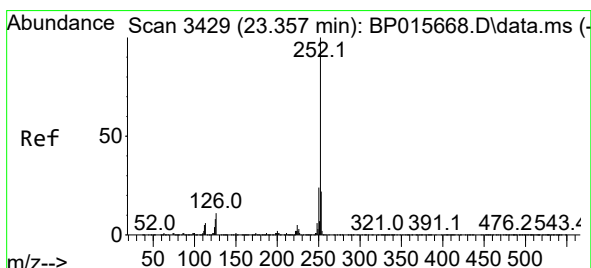
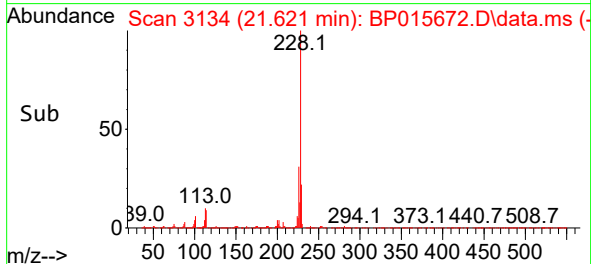
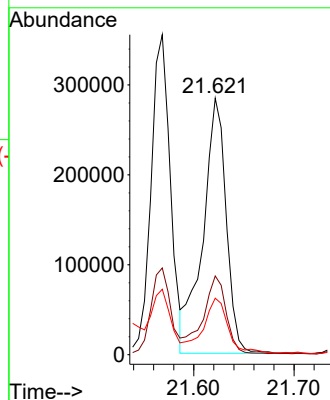
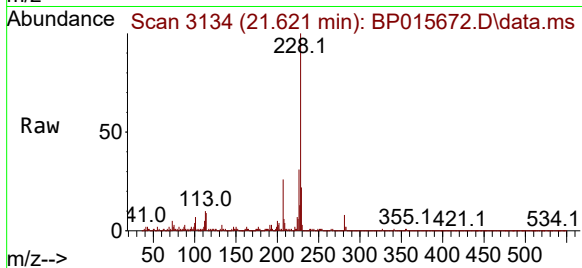
Tgt Ion:228 Resp: 458567

Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

229 22.0 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 16.251 ng/ul

RT: 23.357 min Scan# 3429

Delta R.T. 0.012 min

Lab File: BP015672.D

Acq: 23 Jun 2023 15:30

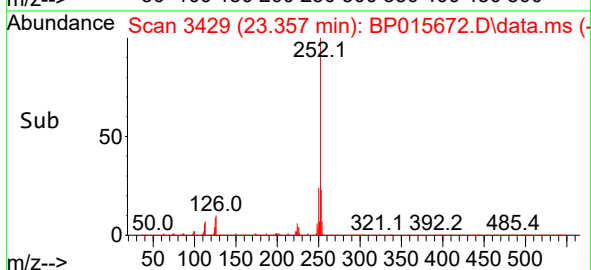
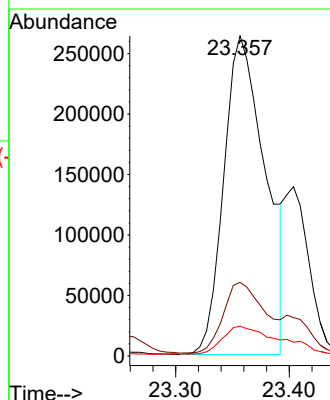
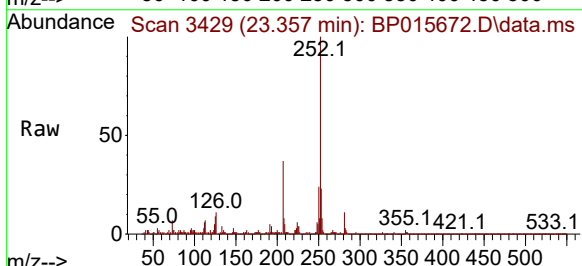
Tgt Ion:252 Resp: 668995

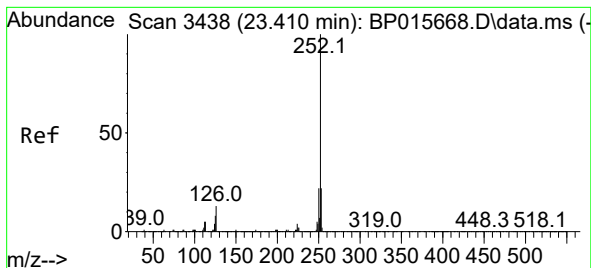
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 9.3 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 16.811 ng/ul

RT: 23.357 min Scan# 3438

Delta R.T. -0.041 min

Lab File: BP015672.D

Acq: 23 Jun 2023 15:30

Instrument :

BNA_P

ClientSampleId :

DCFL1DL2

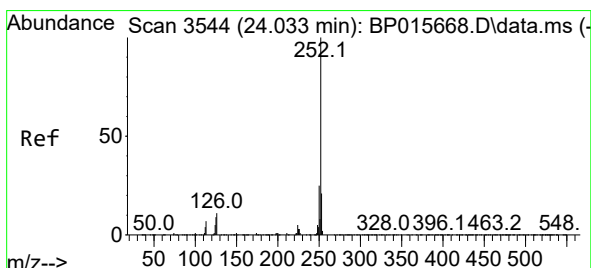
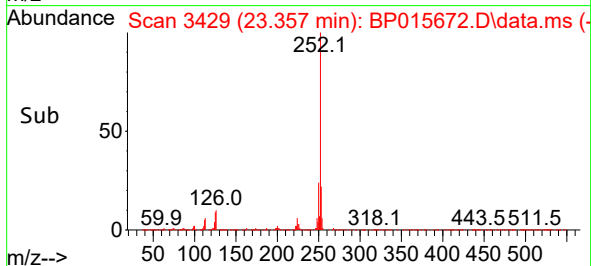
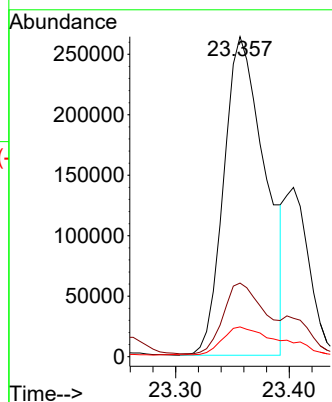
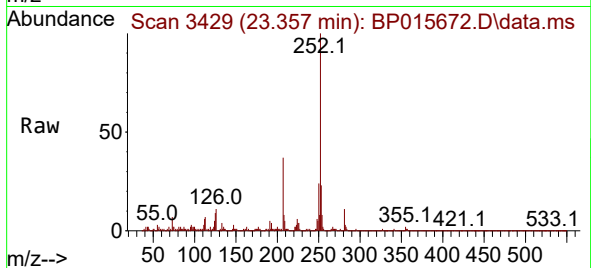
Tgt Ion:252 Resp: 668995

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 9.3 7.3 10.9



#93

Benzo(a)pyrene

Concen: 12.211 ng/ul

RT: 24.033 min Scan# 3544

Delta R.T. 0.012 min

Lab File: BP015672.D

Acq: 23 Jun 2023 15:30

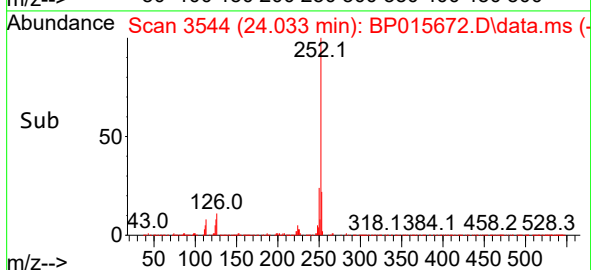
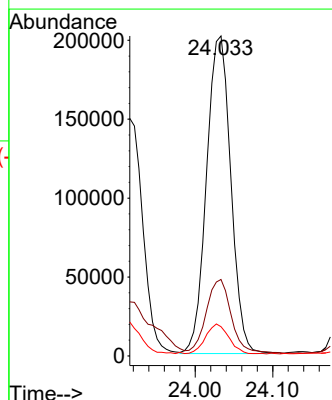
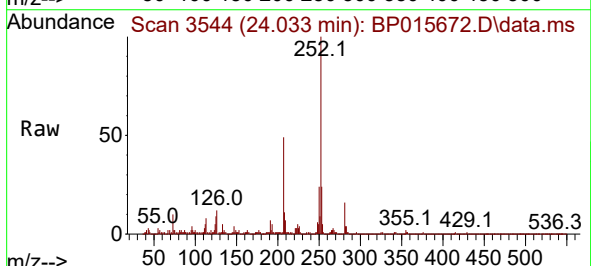
Tgt Ion:252 Resp: 438269

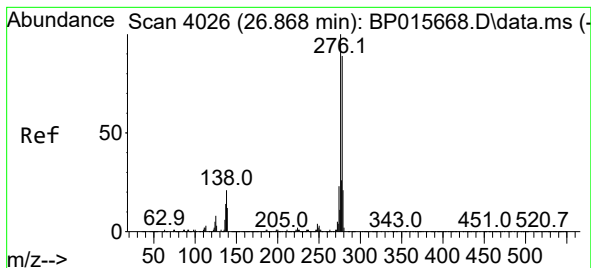
Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.6

125 9.1 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.439 ng/ul

RT: 26.851 min Scan# 4023

Delta R.T. 0.012 min

Lab File: BP015672.D

Acq: 23 Jun 2023 15:30

Instrument :

BNA_P

ClientSampleId :

DCFL1DL2

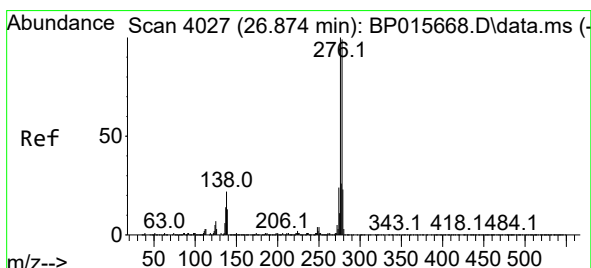
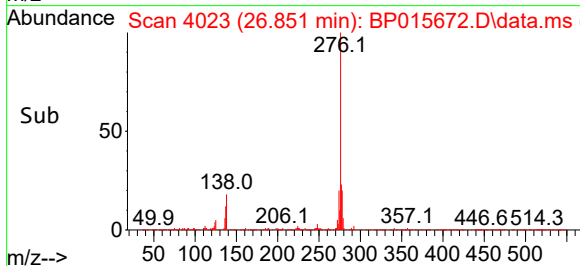
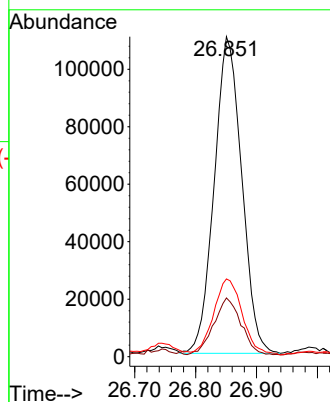
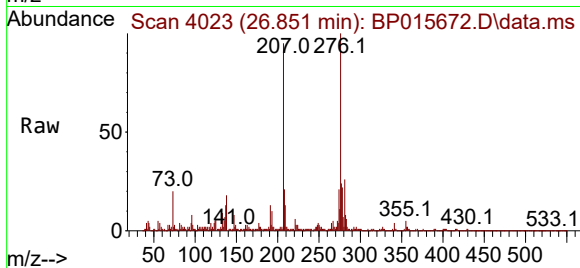
Tgt Ion:276 Resp: 345523

Ion Ratio Lower Upper

276 100

138 18.4 17.3 25.9

277 24.3 20.2 30.2



#95

Dibenzo(a,h)anthracene

Concen: 2.514 ng/ul

RT: 26.856 min Scan# 4024

Delta R.T. 0.006 min

Lab File: BP015672.D

Acq: 23 Jun 2023 15:30

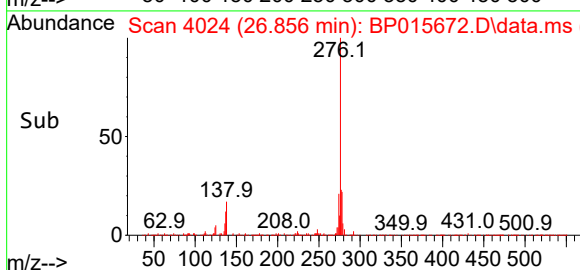
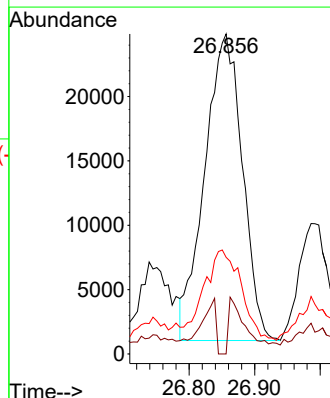
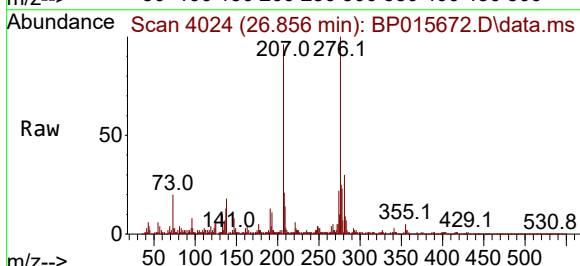
Tgt Ion:278 Resp: 95124

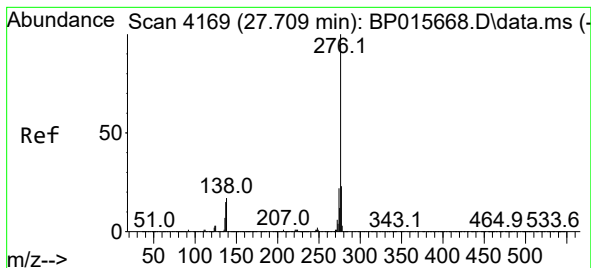
Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0#

279 30.2 18.7 28.1#





#96

Benzo(g,h,i)perylene

Concen: 8.192 ng/ul

RT: 27.698 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP015672.D

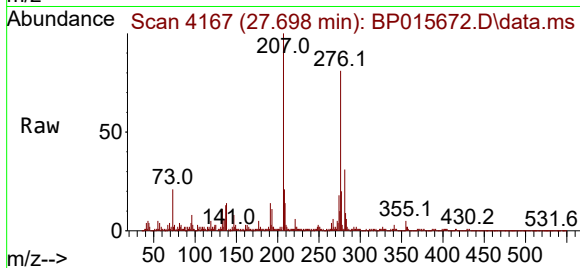
Acq: 23 Jun 2023 15:30

Instrument :

BNA_P

ClientSampleId :

DCFL1DL2



Tgt Ion:276 Resp: 313571

Ion Ratio Lower Upper

276 100

138 17.1 15.6 23.4

277 25.1 19.0 28.6

