

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015650.D
 Acq On : 22 Jun 2023 16:47
 Operator : MA/JU
 Sample : 03083-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL4

Quant Time: Jun 22 22:06:11 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)

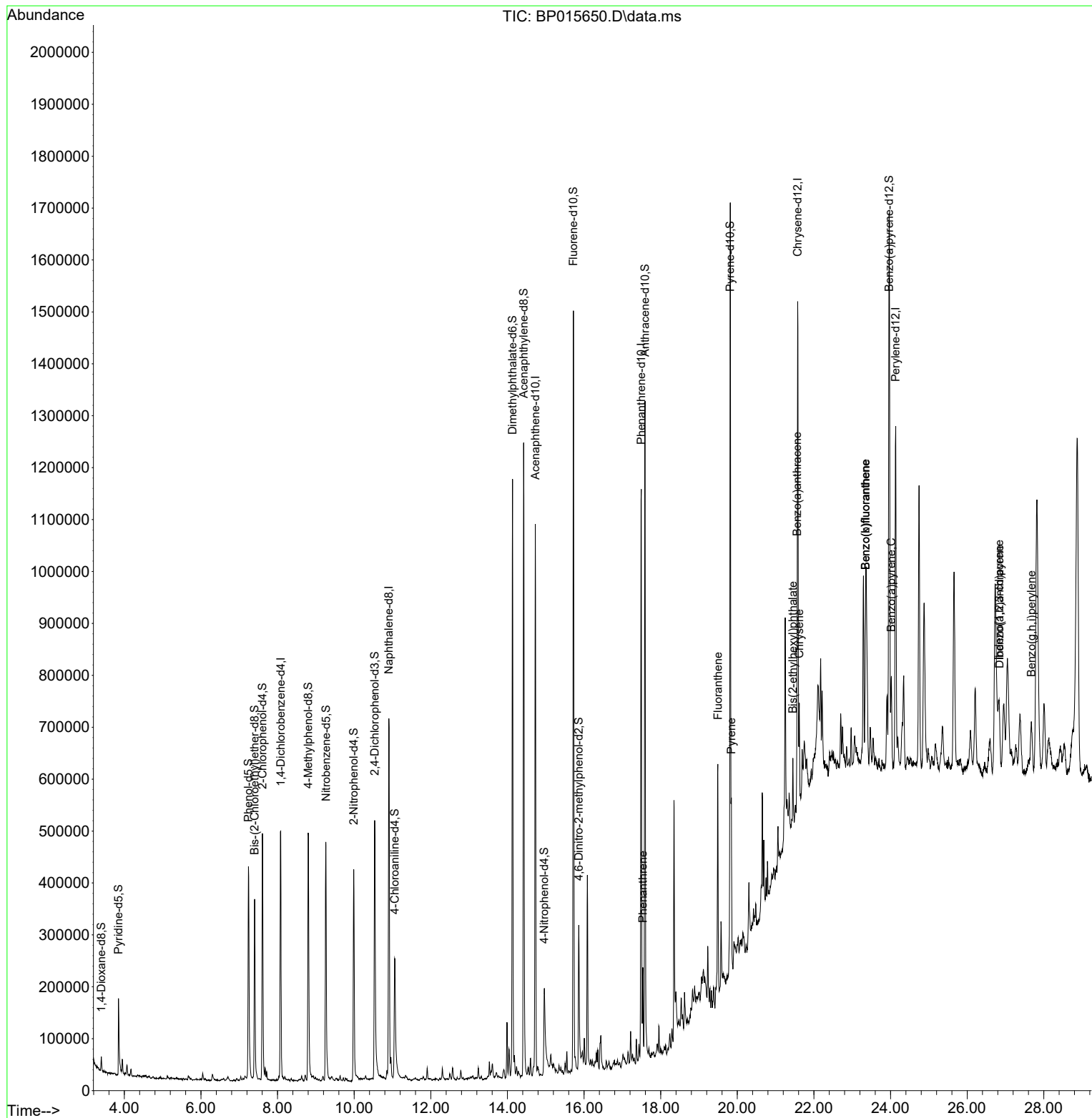
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	130574	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	557334	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	340133	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	638742	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	426249	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	543012	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	12708	3.604	ng/uL	0.00
4) Pyridine-d5	3.846	84	76456	8.347	ng/u1	0.00
7) Phenol-d5	7.240	99	254755	21.178	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	163005	22.690	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	206770	23.708	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	195513	19.804	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	107936	24.668	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	120421	24.099	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	207795	22.796	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	162957	12.455	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	704305	26.259	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	785374	26.779	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	59721	12.434	ng/u1	0.01
60) Fluorene-d10	15.722	176	557716	24.658	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	68793	17.001	ng/u1	0.00
73) Anthracene-d10	17.592	188	723046	24.880	ng/u1	0.00
81) Pyrene-d10	19.816	212	720410	31.578	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	729348	26.769	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.533	178	97012	2.830	ng/u1	99
80) Fluoranthene	19.492	202	239140	8.606	ng/u1	98
82) Pyrene	19.845	202	195790	6.810	ng/u1	99
85) Benzo(a)anthracene	21.563	228	115173	3.865	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.451	149	39182	2.086	ng/u1	98
87) Chrysene	21.615	228	134964	4.792	ng/u1	96
90) Benzo(b)fluoranthene	23.345	252	226836	6.472	ng/u1	96
91) Benzo(k)fluoranthene	23.345	252	226836	6.695	ng/u1	97
93) Benzo(a)pyrene	24.021	252	144404	4.725	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.839	276	136244	3.445	ng/u1	96
95) Dibenzo(a,h)anthracene	26.845	278	35728	1.109	ng/u1#	83
96) Benzo(g,h,i)perylene	27.674	276	127445	3.910	ng/u1	97

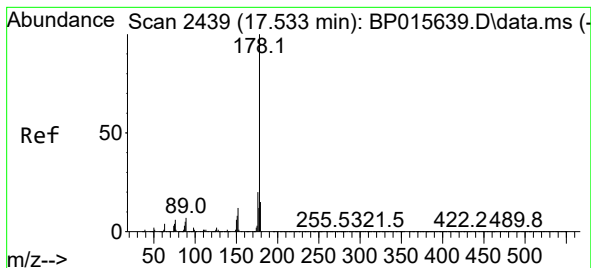
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015650.D
Acq On : 22 Jun 2023 16:47
Operator : MA/JU
Sample : 03083-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL4

Quant Time: Jun 22 22:06:11 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





#72

Phenanthrene

Concen: 2.830 ng/ul

RT: 17.533 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP015650.D

Acq: 22 Jun 2023 16:47

Instrument :

BNA_P

ClientSampleId :

DCFL4

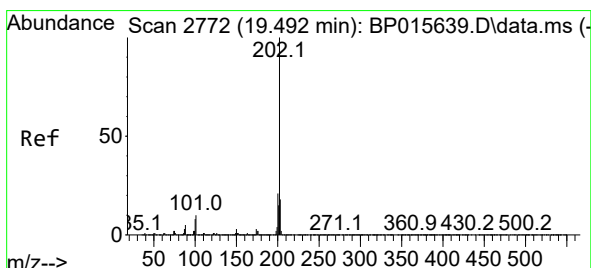
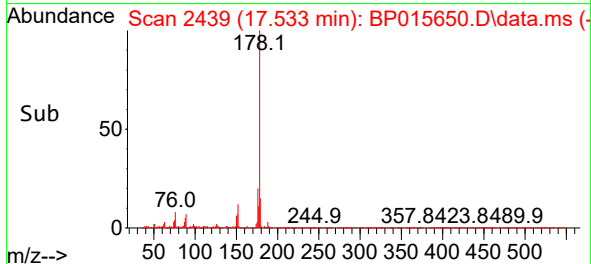
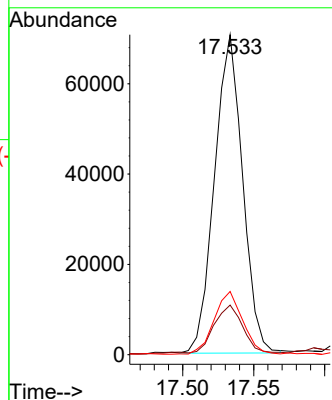
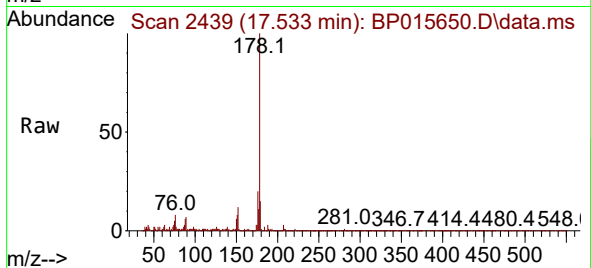
Tgt Ion:178 Resp: 97012

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 19.8 15.4 23.0



#80

Fluoranthene

Concen: 8.606 ng/ul

RT: 19.492 min Scan# 2772

Delta R.T. 0.000 min

Lab File: BP015650.D

Acq: 22 Jun 2023 16:47

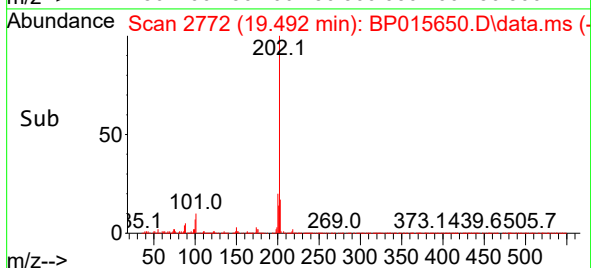
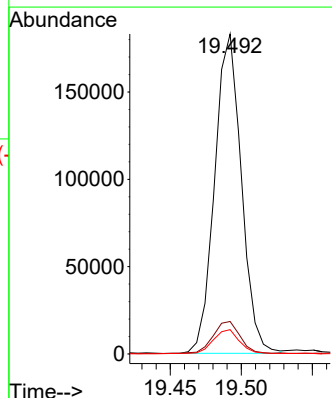
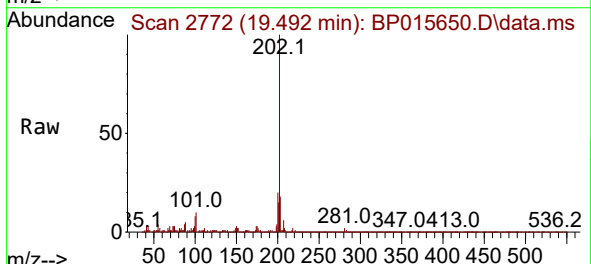
Tgt Ion:202 Resp: 239140

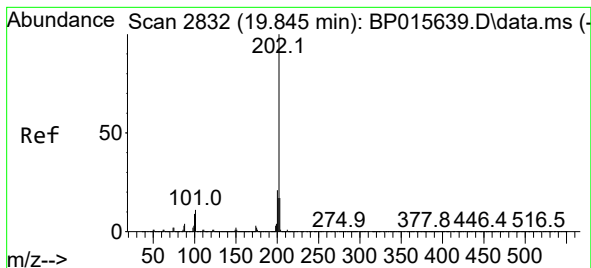
Ion Ratio Lower Upper

202 100

101 10.1 8.6 13.0

100 7.6 6.6 9.8





#82

Pyrene

Concen: 6.810 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015650.D

Acq: 22 Jun 2023 16:47

Instrument :

BNA_P

ClientSampleId :

DCFL4

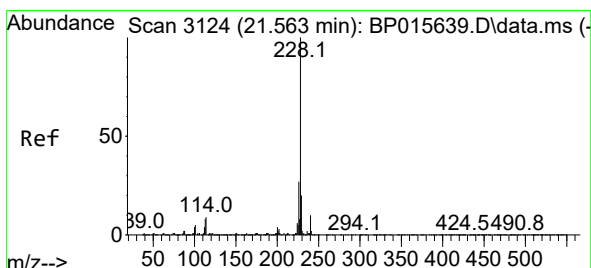
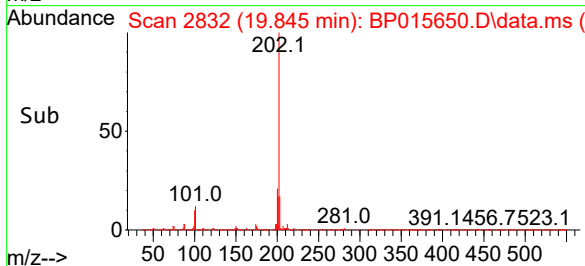
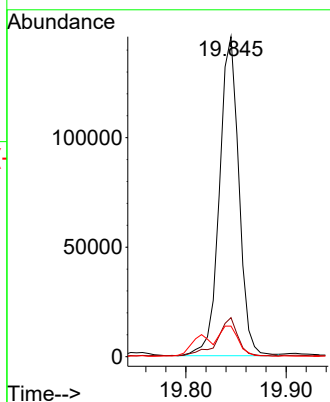
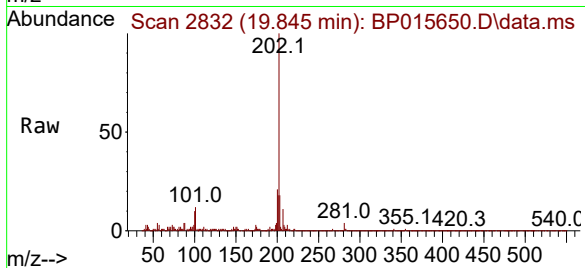
Tgt Ion:202 Resp: 195790

Ion Ratio Lower Upper

202 100

101 12.2 9.9 14.9

100 9.6 8.4 12.6



#85

Benzo(a)anthracene

Concen: 3.865 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP015650.D

Acq: 22 Jun 2023 16:47

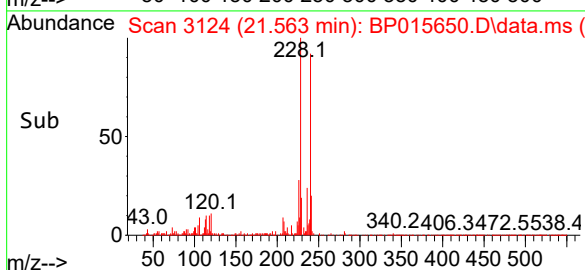
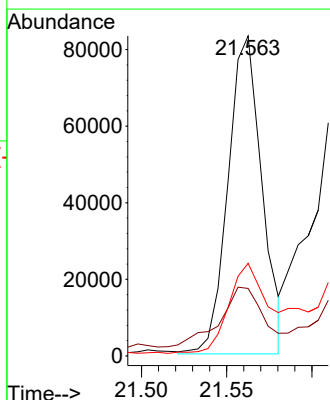
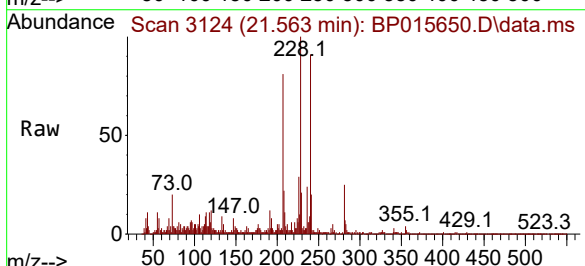
Tgt Ion:228 Resp: 115173

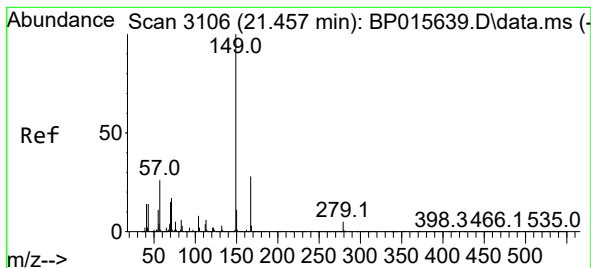
Ion Ratio Lower Upper

228 100

229 21.1 15.8 23.6

226 28.9 21.8 32.6





#86

Bis(2-ethylhexyl)phthalate

Concen: 2.086 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP015650.D

Acq: 22 Jun 2023 16:47

Instrument :

BNA_P

ClientSampleId :

DCFL4

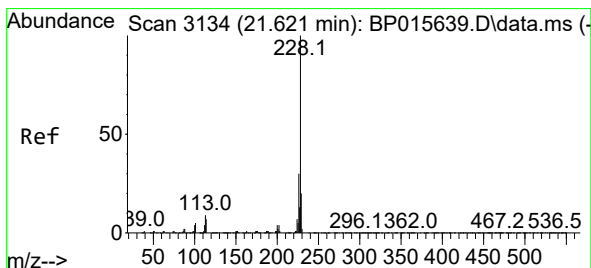
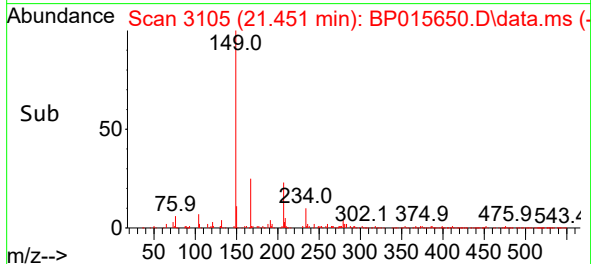
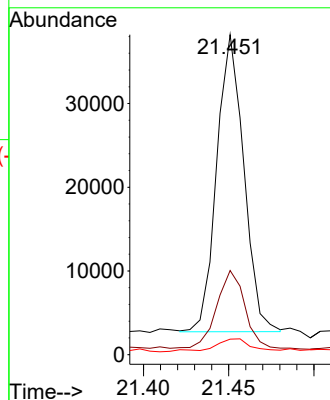
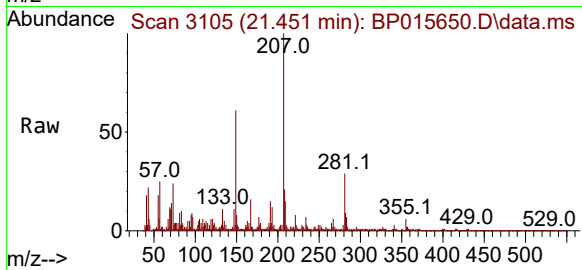
Tgt Ion:149 Resp: 39182

Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.8

279 4.8 3.7 5.5



#87

Chrysene

Concen: 4.792 ng/ul

RT: 21.615 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP015650.D

Acq: 22 Jun 2023 16:47

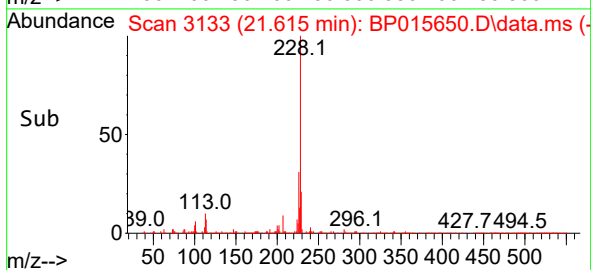
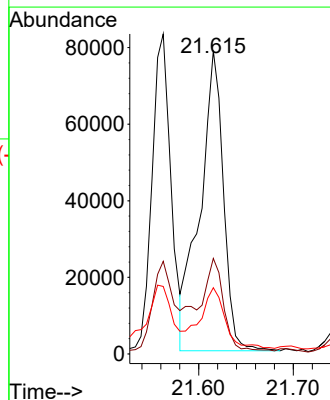
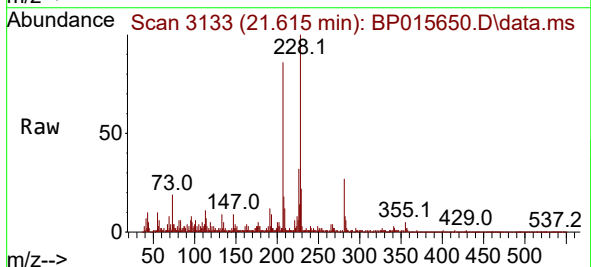
Tgt Ion:228 Resp: 134964

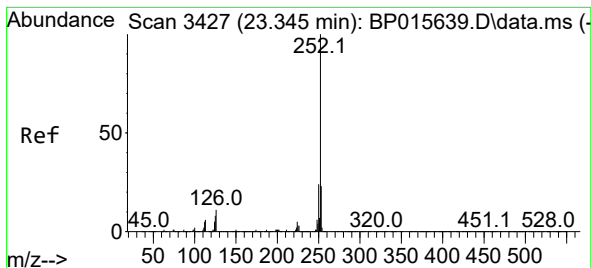
Ion Ratio Lower Upper

228 100

226 31.5 23.9 35.9

229 21.9 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 6.472 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. 0.000 min

Lab File: BP015650.D

Acq: 22 Jun 2023 16:47

Instrument :

BNA_P

ClientSampleId :

DCFL4

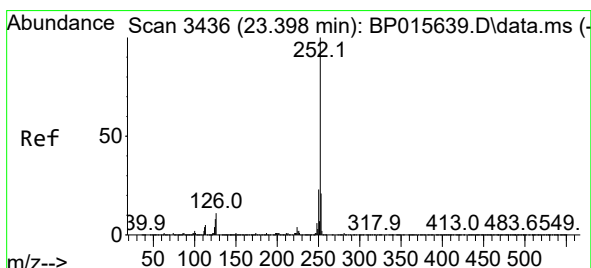
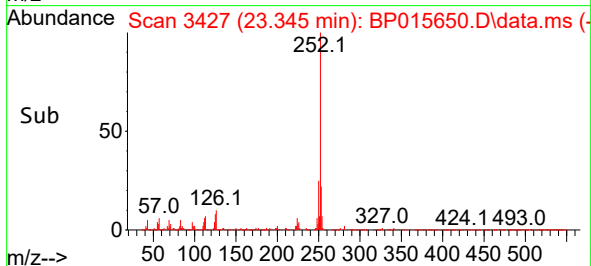
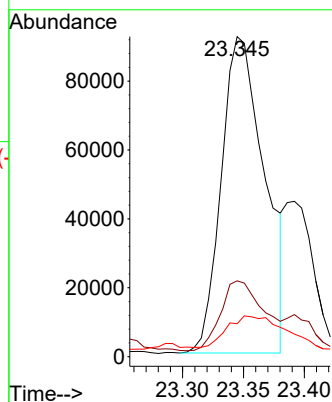
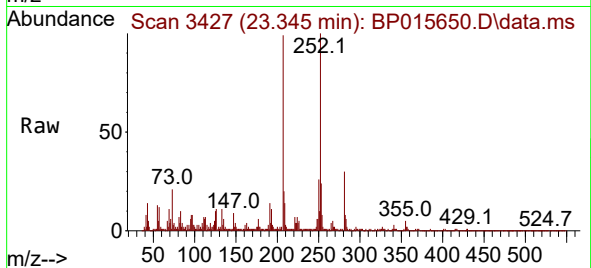
Tgt Ion:252 Resp: 226836

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.2

125 10.3 7.3 10.9



#91

Benzo(k)fluoranthene

Concen: 6.695 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. -0.053 min

Lab File: BP015650.D

Acq: 22 Jun 2023 16:47

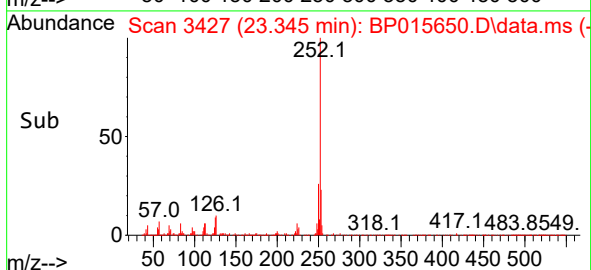
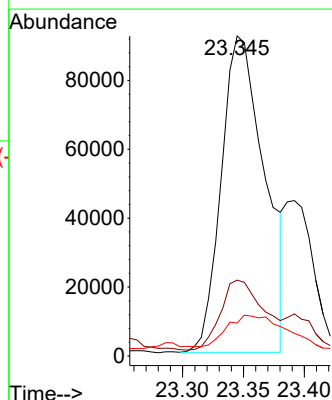
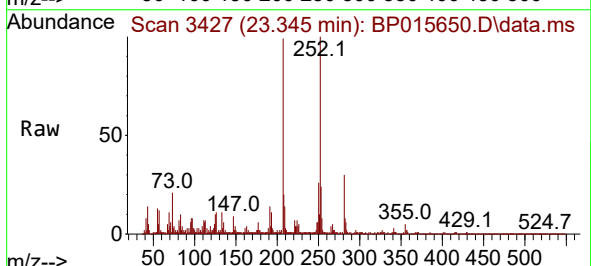
Tgt Ion:252 Resp: 226836

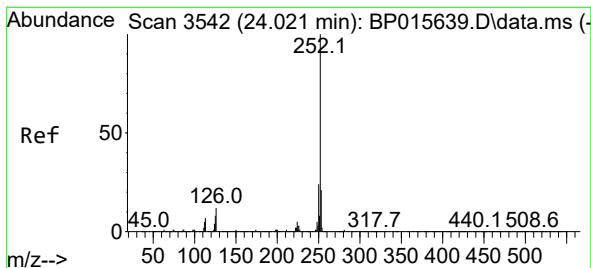
Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 10.3 7.3 10.9





#93

Benzo(a)pyrene

Concen: 4.725 ng/ul

RT: 24.021 min Scan# 3542

Delta R.T. 0.000 min

Lab File: BP015650.D

Acq: 22 Jun 2023 16:47

Instrument :

BNA_P

ClientSampleId :

DCFL4

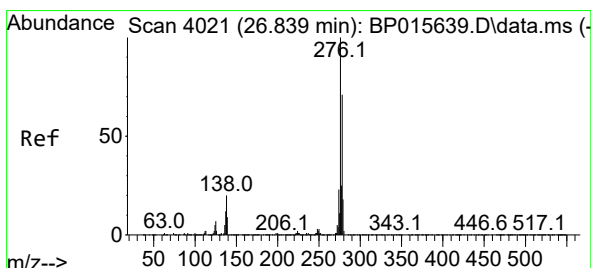
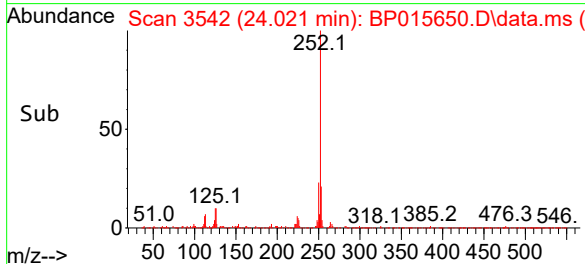
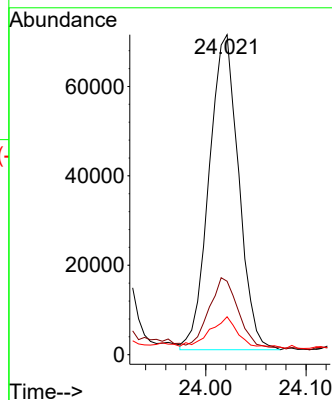
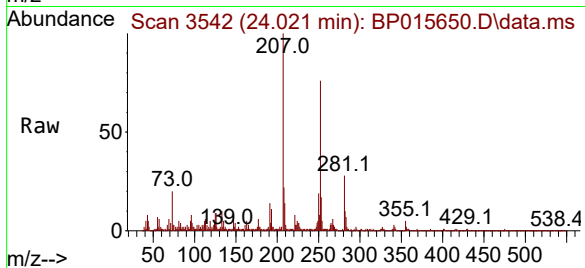
Tgt Ion:252 Resp: 144404

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 11.9 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.445 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. 0.000 min

Lab File: BP015650.D

Acq: 22 Jun 2023 16:47

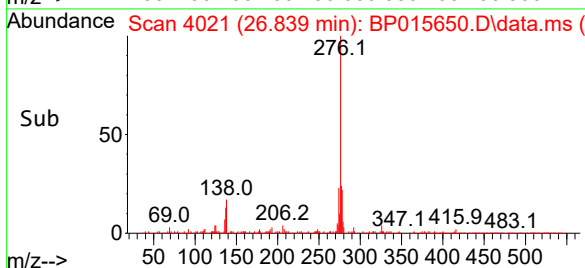
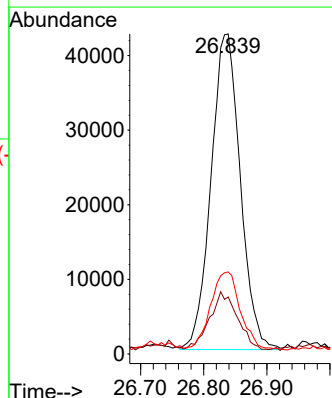
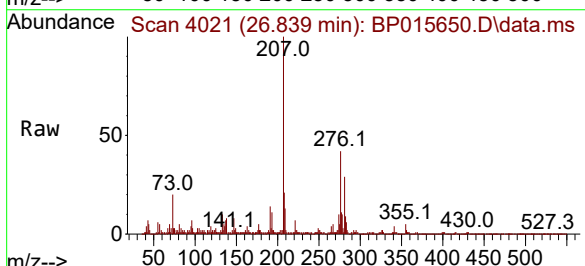
Tgt Ion:276 Resp: 136244

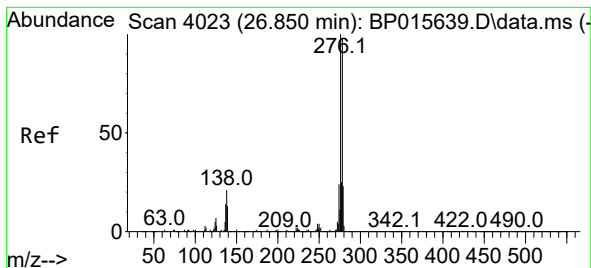
Ion Ratio Lower Upper

276 100

138 17.8 17.3 25.9

277 25.6 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 1.109 ng/ul

RT: 26.845 min Scan# 4023

Delta R.T. -0.006 min

Lab File: BP015650.D

Acq: 22 Jun 2023 16:47

Instrument :

BNA_P

ClientSampleId :

DCFL4

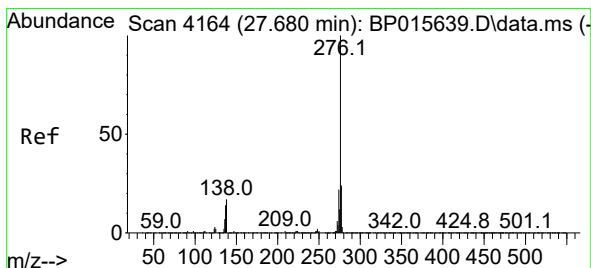
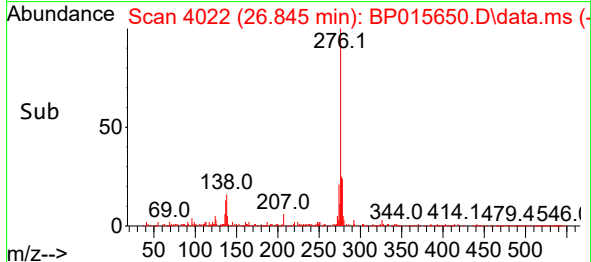
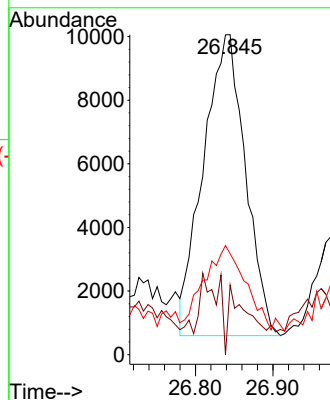
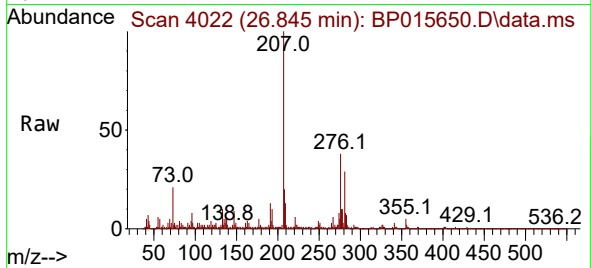
Tgt Ion:278 Resp: 35728

Ion Ratio Lower Upper

278 100

139 21.8 11.4 17.0#

279 31.5 18.7 28.1#



#96

Benzo(g,h,i)perylene

Concen: 3.910 ng/ul

RT: 27.674 min Scan# 4163

Delta R.T. -0.006 min

Lab File: BP015650.D

Acq: 22 Jun 2023 16:47

Tgt Ion:276 Resp: 127445

Ion Ratio Lower Upper

276 100

138 18.2 15.6 23.4

277 25.3 19.0 28.6

