

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015646.D
 Acq On : 22 Jun 2023 14:32
 Operator : MA/JU
 Sample : 03083-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK6

Quant Time: Jun 22 22:05:15 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

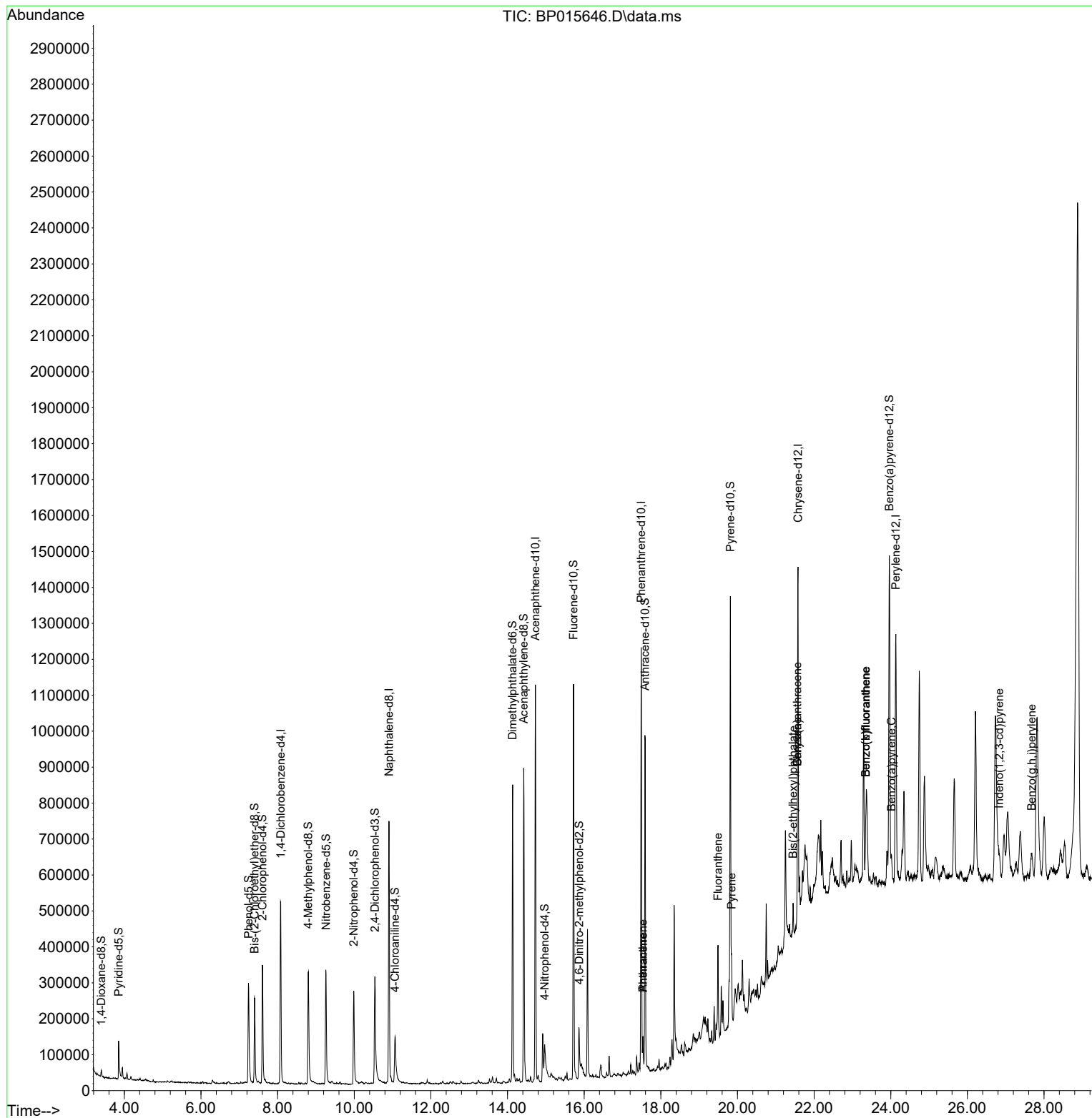
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	136353	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	583027	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	359139	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	685153	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	469134	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	586021	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	8708	2.365	ng/uL	0.00
4) Pyridine-d5	3.852	84	59342	6.204	ng/ul	0.01
7) Phenol-d5	7.240	99	180391	14.360	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	111056	14.803	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	149058	16.366	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	134446	13.041	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	74665	16.312	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	83259	15.928	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	140003	14.682	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	105105	7.679	ng/ul	0.01
46) Dimethylphthalate-d6	14.134	166	522512	18.450	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	554186	17.896	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	29215	5.761	ng/ul	0.02
60) Fluorene-d10	15.722	176	413817	17.328	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	41834	9.638	ng/ul	0.00
73) Anthracene-d10	17.586	188	547566	17.565	ng/ul	0.00
81) Pyrene-d10	19.816	212	570136	22.707	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	563124	19.151	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.534	178	53657	1.459	ng/ul	98
74) Anthracene	17.534	178	53947	1.446	ng/ul	97
80) Fluoranthene	19.492	202	129369	4.230	ng/ul	98
82) Pyrene	19.845	202	105736	3.342	ng/ul	98
85) Benzo(a)anthracene	21.563	228	55140	1.681	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.451	149	29670	1.435	ng/ul#	99
87) Chrysene	21.563	228	54392	1.755	ng/ul	96
90) Benzo(b)fluoranthene	23.345	252	110039	2.909	ng/ul#	96
91) Benzo(k)fluoranthene	23.345	252	110039	3.009	ng/ul#	96
93) Benzo(a)pyrene	24.021	252	67851	2.057	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.833	276	69600	1.631	ng/ul	98
96) Benzo(g,h,i)perylene	27.674	276	79966	2.273	ng/ul	99

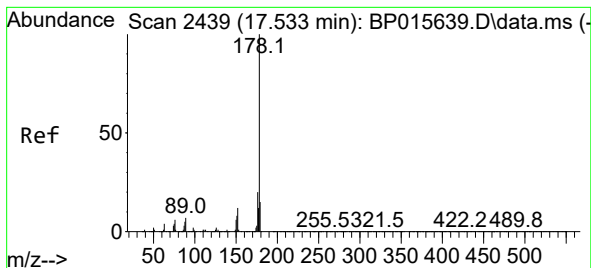
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
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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: 1.459 ng/ul

RT: 17.534 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

Instrument :

BNA_P

ClientSampleId :

DCF6

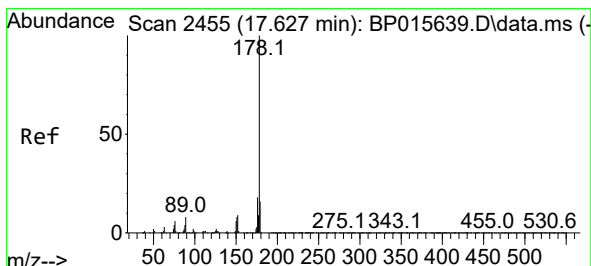
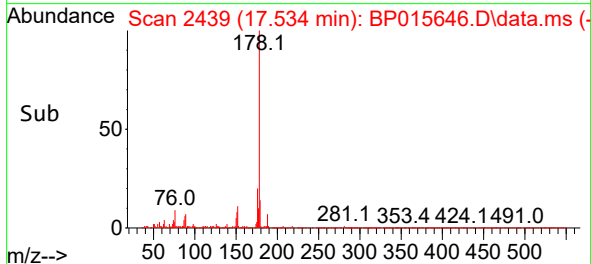
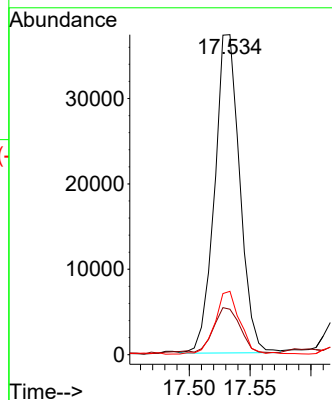
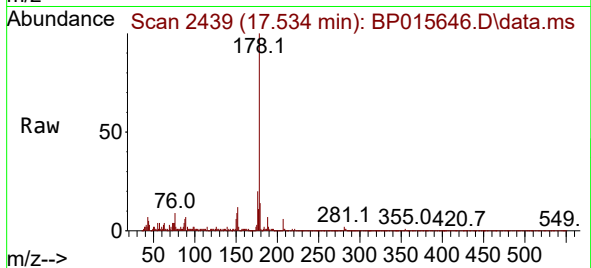
Tgt Ion:178 Resp: 53657

Ion Ratio Lower Upper

178 100

179 14.2 12.3 18.5

176 19.8 15.4 23.0



#74

Anthracene

Concen: 1.446 ng/ul

RT: 17.534 min Scan# 2439

Delta R.T. -0.094 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

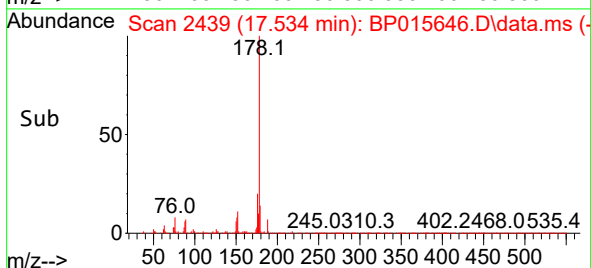
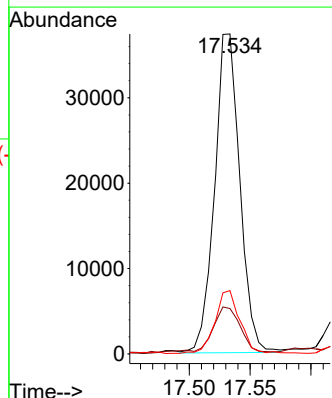
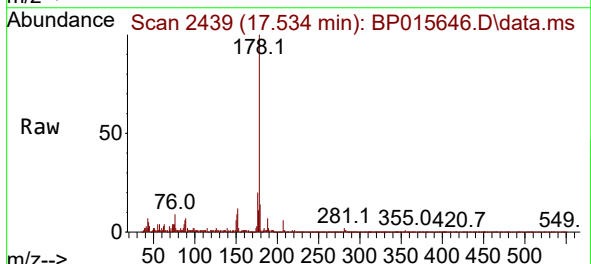
Tgt Ion:178 Resp: 53947

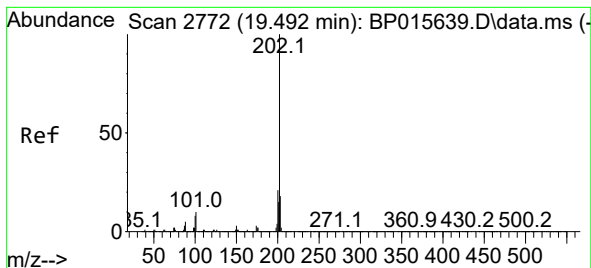
Ion Ratio Lower Upper

178 100

179 14.2 12.4 18.6

176 19.8 15.0 22.4





#80

Fluoranthene

Concen: 4.230 ng/ul

RT: 19.492 min Scan# 2772

Delta R.T. 0.000 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

Instrument :

BNA_P

ClientSampleId :

DCF6

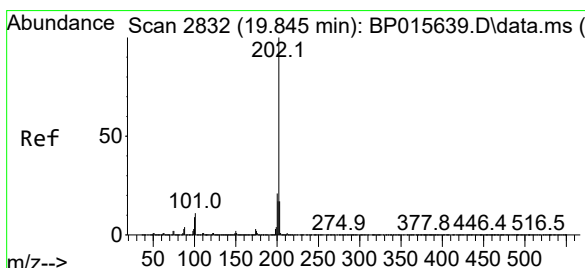
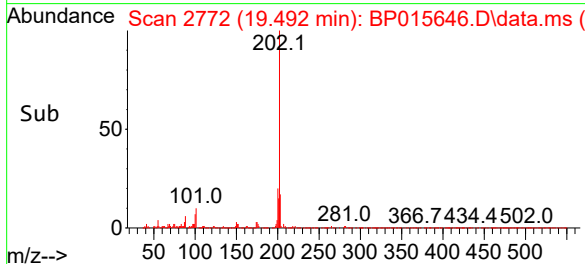
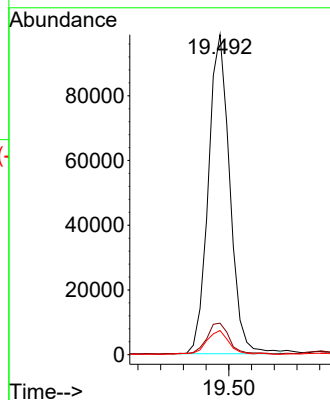
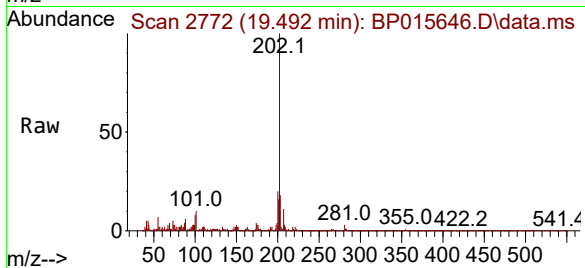
Tgt Ion:202 Resp: 129369

Ion Ratio Lower Upper

202 100

101 9.9 8.6 13.0

100 7.5 6.6 9.8



#82

Pyrene

Concen: 3.342 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

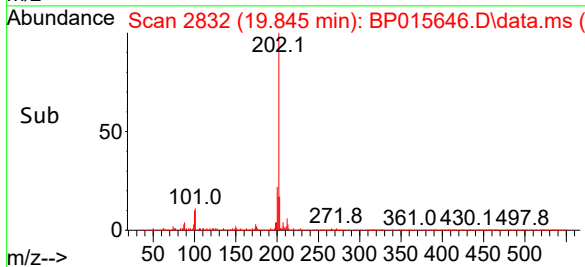
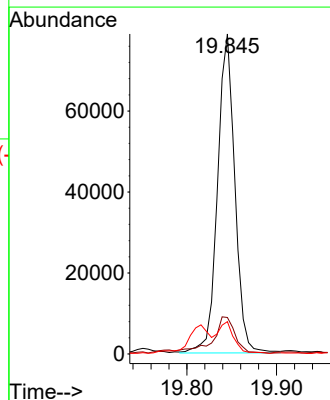
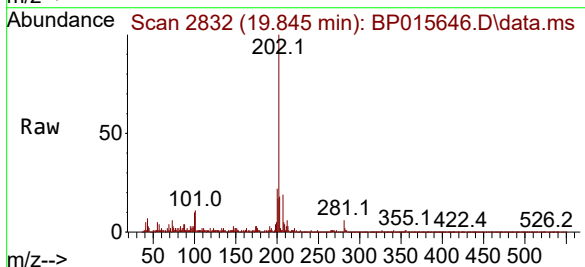
Tgt Ion:202 Resp: 105736

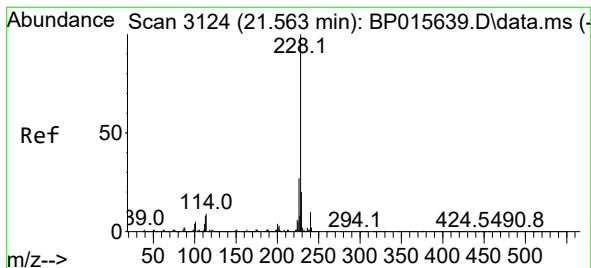
Ion Ratio Lower Upper

202 100

101 11.4 9.9 14.9

100 10.1 8.4 12.6





#85

Benzo(a)anthracene

Concen: 1.681 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

Instrument :

BNA_P

ClientSampleId :

DCFK6

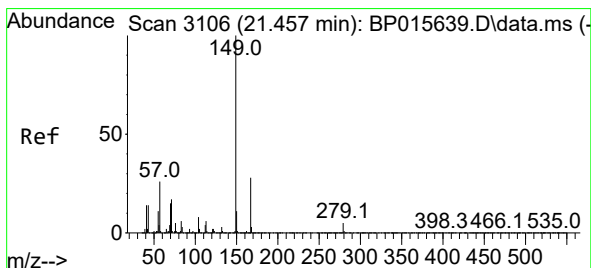
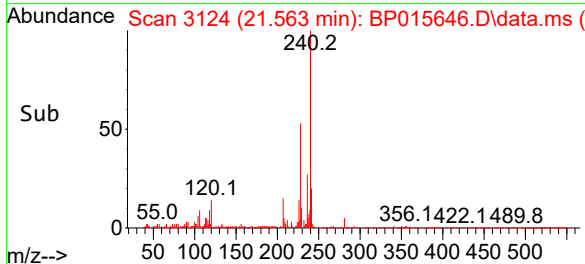
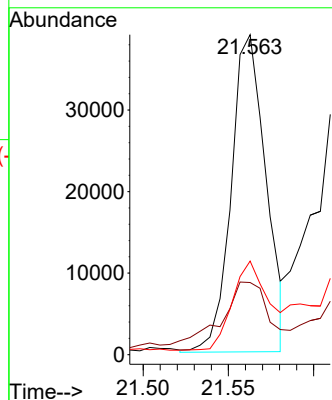
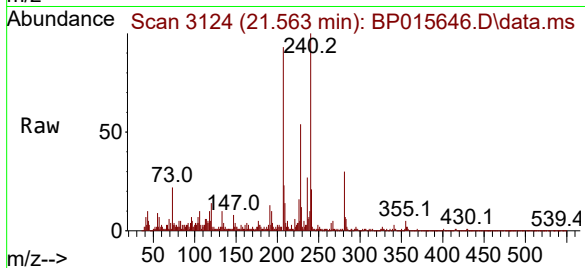
Tgt Ion:228 Resp: 55140

Ion Ratio Lower Upper

228 100

229 22.6 15.8 23.6

226 29.2 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.435 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

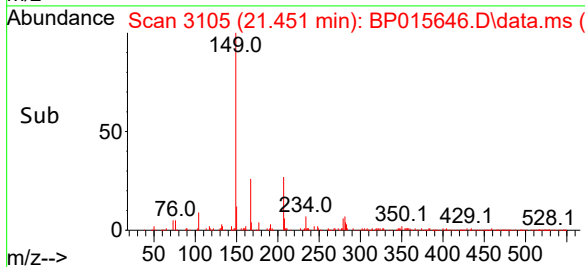
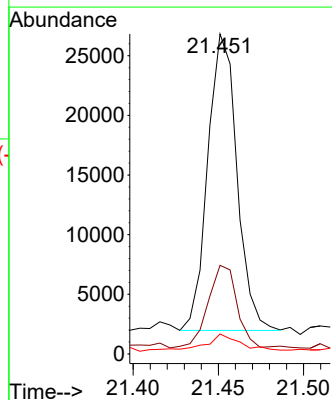
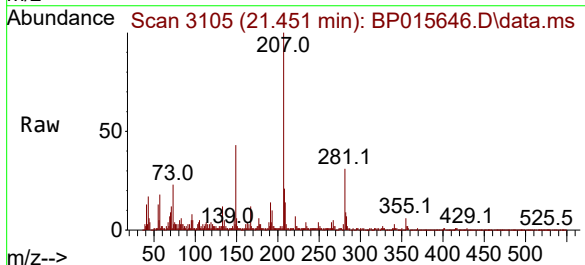
Tgt Ion:149 Resp: 29670

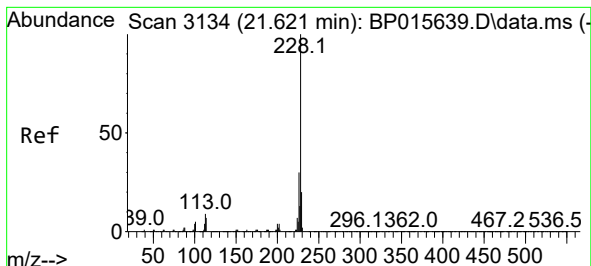
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 6.3 3.7 5.5#





#87

Chrysene

Concen: 1.755 ng/ul

RT: 21.563 min Scan# 3134

Delta R.T. -0.059 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

Instrument :

BNA_P

ClientSampleId :

DCFK6

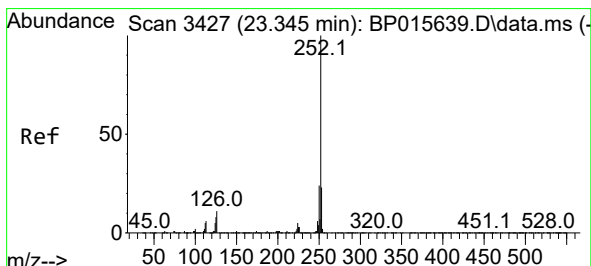
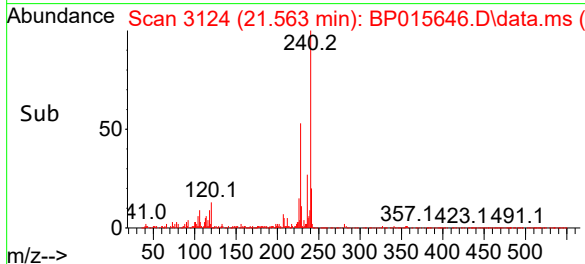
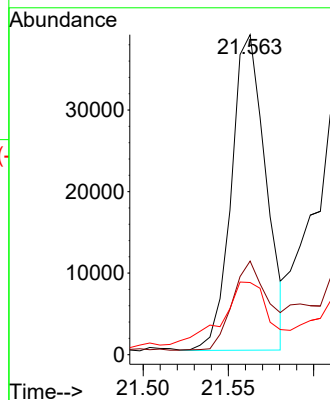
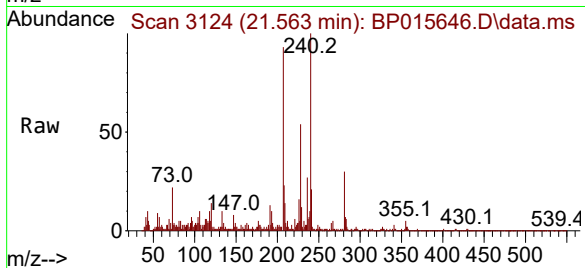
Tgt Ion:228 Resp: 54392

Ion Ratio Lower Upper

228 100

226 29.2 23.9 35.9

229 22.6 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 2.909 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. 0.000 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

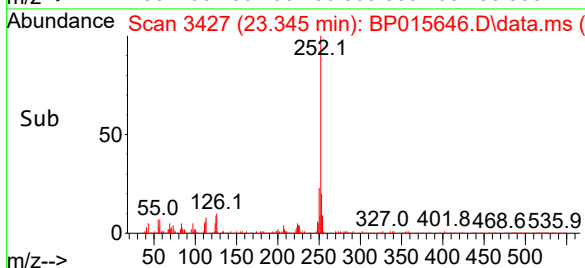
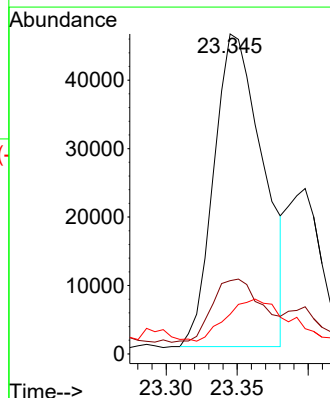
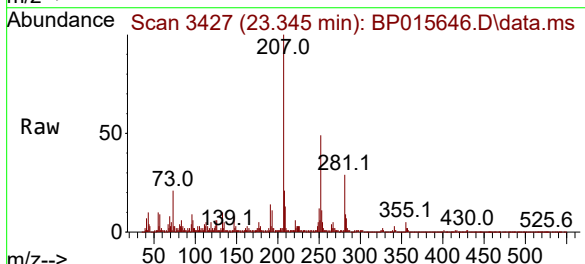
Tgt Ion:252 Resp: 110039

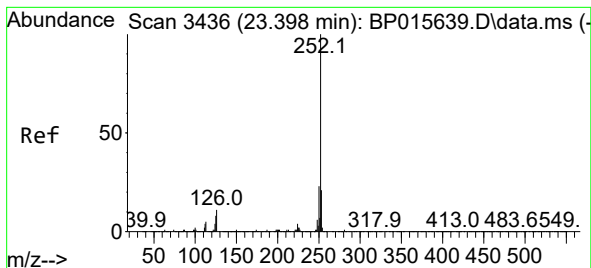
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 12.4 7.3 10.9#





#91

Benzo(k)fluoranthene

Concen: 3.009 ng/ul

RT: 23.345 min Scan# 3436

Delta R.T. -0.053 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

Instrument :

BNA_P

ClientSampleId :

DCFK6

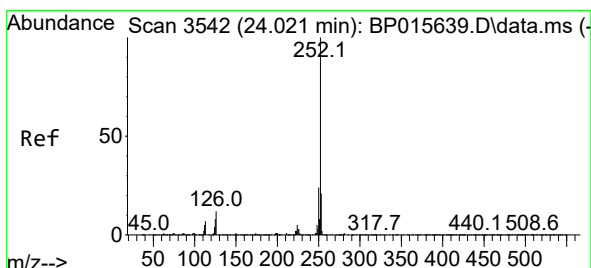
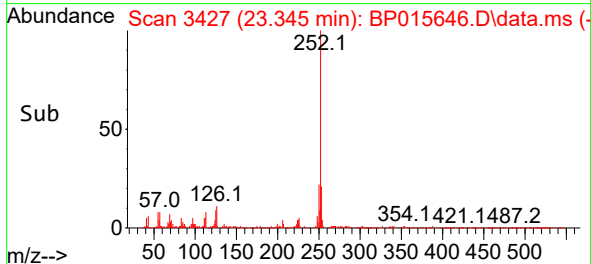
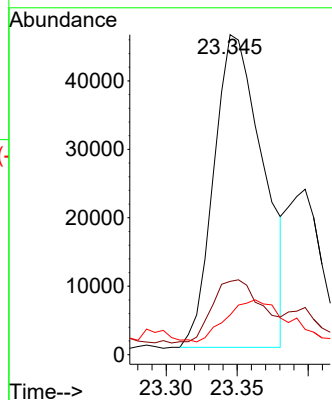
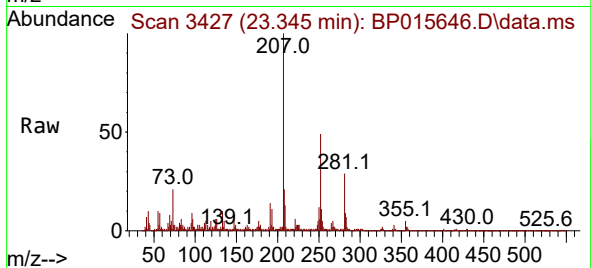
Tgt Ion:252 Resp: 110039

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 12.4 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 2.057 ng/ul

RT: 24.021 min Scan# 3542

Delta R.T. 0.000 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

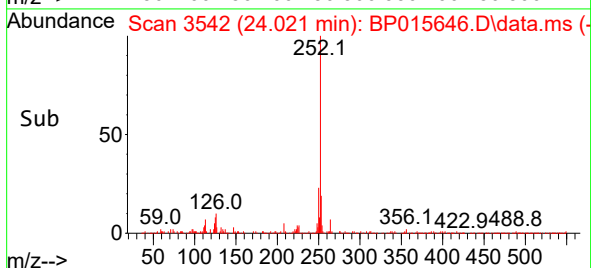
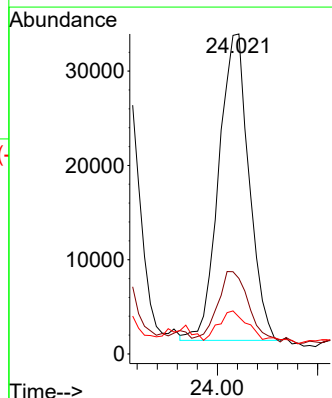
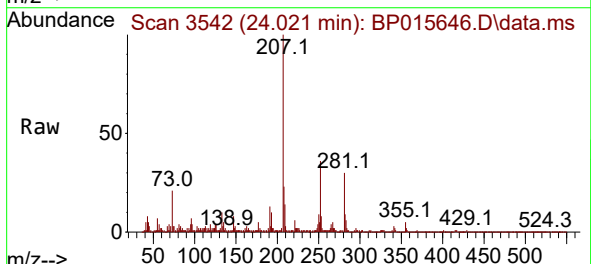
Tgt Ion:252 Resp: 67851

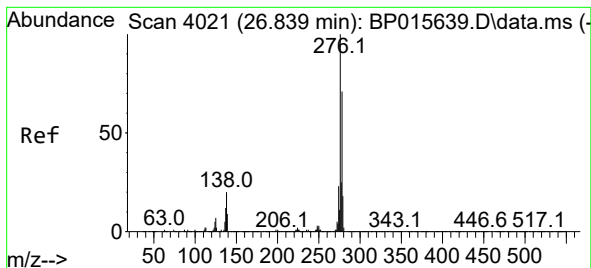
Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

125 11.6 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.631 ng/ul

RT: 26.833 min Scan# 4021

Delta R.T. -0.006 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

Instrument :

BNA_P

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DCFK6

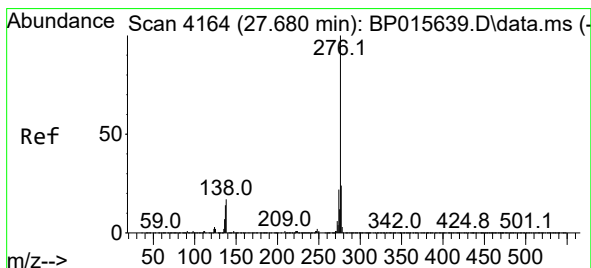
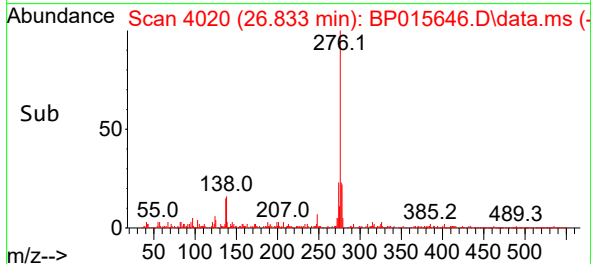
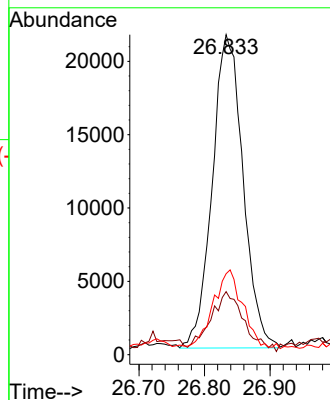
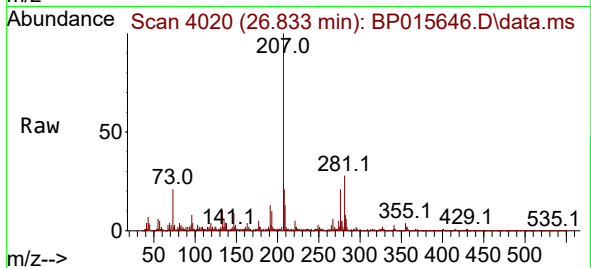
Tgt Ion:276 Resp: 69600

Ion Ratio Lower Upper

276 100

138 19.7 17.3 25.9

277 25.3 20.2 30.2



#96

Benzo(g,h,i)perylene

Concen: 2.273 ng/ul

RT: 27.674 min Scan# 4163

Delta R.T. -0.006 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

Tgt Ion:276 Resp: 79966

Ion Ratio Lower Upper

276 100

138 19.1 15.6 23.4

277 24.6 19.0 28.6

