

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015880.D
 Acq On : 01 Jul 2023 12:02
 Operator : MA/JU
 Sample : 03242-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFZ8

Quant Time: Jul 02 00:45:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

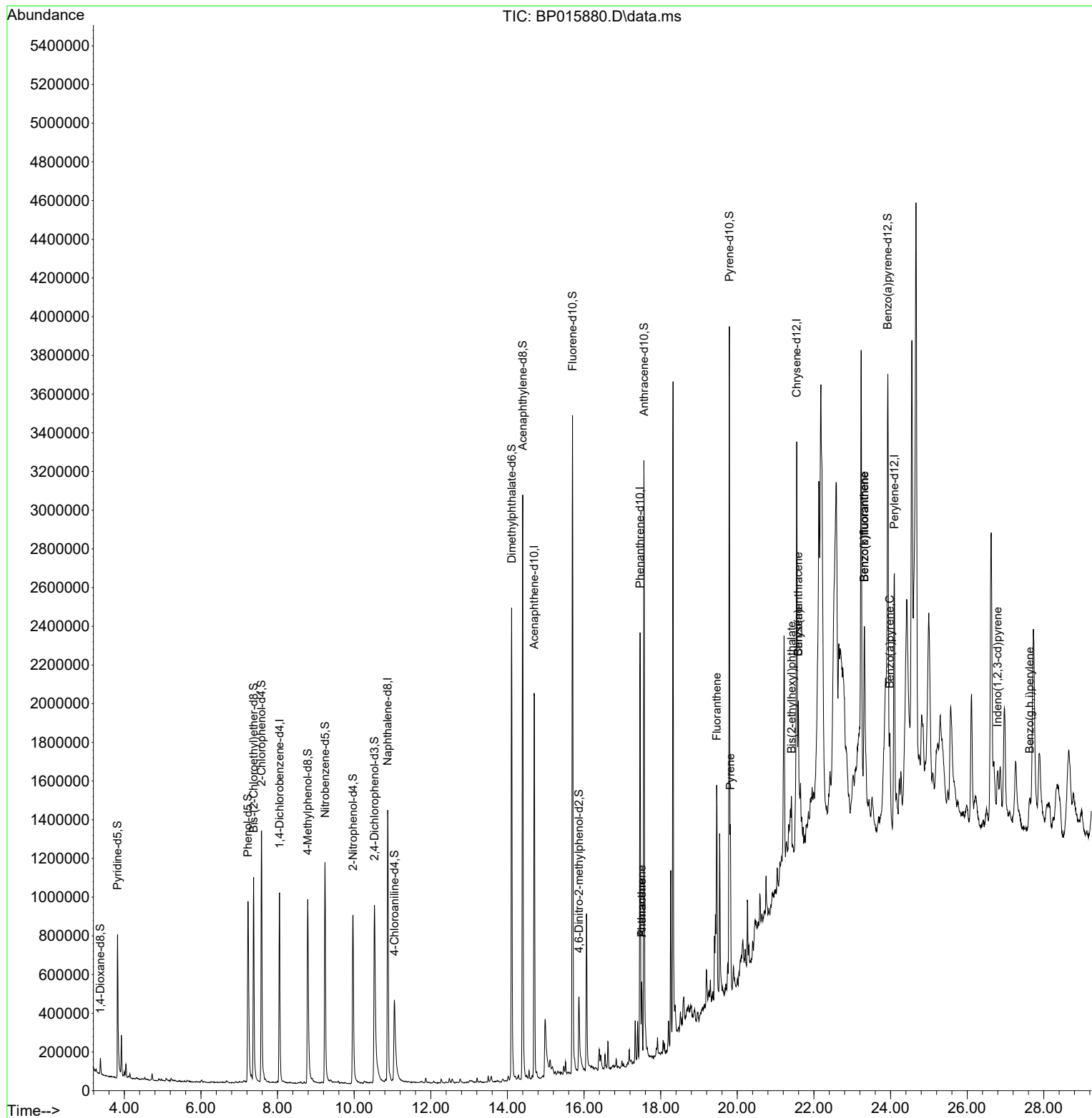
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	287799	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.875	136	1236474	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.698	164	707334	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.463	188	1252839	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	861476	20.000	ng/ul	#-0.01
88) Perylene-d12	24.098	264	1051007	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	39112	4.890	ng/uL	-0.01
4) Pyridine-d5	3.822	84	403520	20.012	ng/ul	0.00
7) Phenol-d5	7.228	99	747778	30.367	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	525585	34.499	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.581	132	606054	32.604	ng/ul	-0.01
15) 4-Methylphenol-d8	8.787	113	483644	24.862	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	300683	31.820	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	335012	30.376	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	546322	27.798	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	402517	15.943	ng/ul	0.01
46) Dimethylphthalate-d6	14.110	166	1749093	31.993	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	1974432	32.126	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.916	143	571	0.079	ng/ul	-0.03
60) Fluorene-d10	15.698	176	1391920	30.920	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.869	200	117178	15.208	ng/ul	0.01
73) Anthracene-d10	17.563	188	1815840	31.730	ng/ul	-0.01
81) Pyrene-d10	19.792	212	1753382	31.170	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.927	264	1733926	32.705	ng/ul	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	208303	3.061	ng/ul	98
74) Anthracene	17.504	178	208940	3.055	ng/ul	100
80) Fluoranthene	19.463	202	547544	7.832	ng/ul#	92
82) Pyrene	19.822	202	457323	6.413	ng/ul#	92
85) Benzo(a)anthracene	21.592	228	306860	5.064	ng/ul	91
86) Bis(2-ethylhexyl)phtha...	21.416	149	93594	2.341	ng/ul#	98
87) Chrysene	21.592	228	301086	5.237	ng/ul	96
90) Benzo(b)fluoranthene	23.315	252	494073	7.316	ng/ul#	92
91) Benzo(k)fluoranthene	23.315	252	494073	7.241	ng/ul#	91
93) Benzo(a)pyrene	23.980	252	318121	5.391	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.792	276	278968	3.483	ng/ul#	93
96) Benzo(g,h,i)perylene	27.633	276	248841	3.776	ng/ul#	90

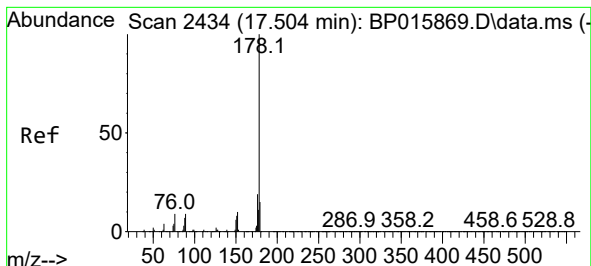
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015880.D
Acq On : 01 Jul 2023 12:02
Operator : MA/JU
Sample : 03242-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ8

Quant Time: Jul 02 00:45:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.061 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.012 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

Instrument :

BNA_P

ClientSampleId :

DCFZ8

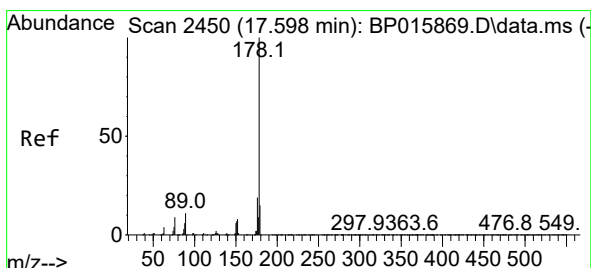
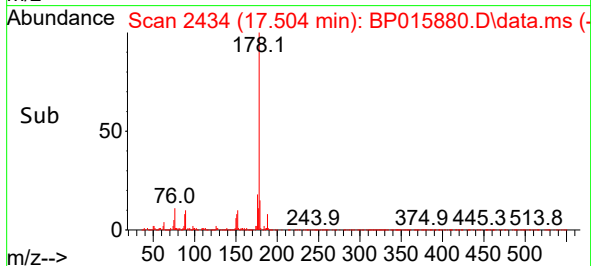
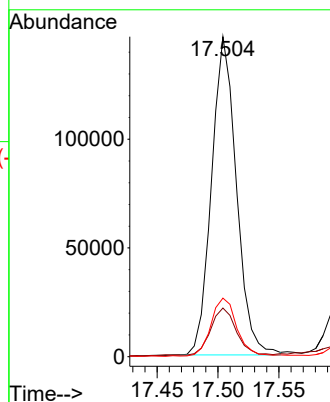
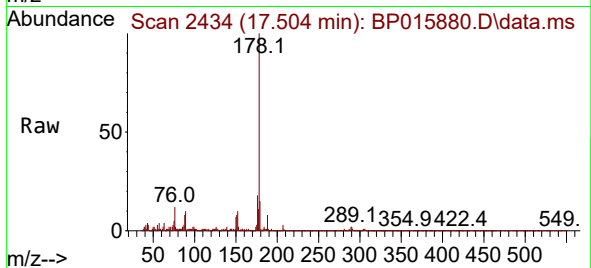
Tgt Ion:178 Resp: 208303

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 18.3 15.6 23.4



#74

Anthracene

Concen: 3.055 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.106 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

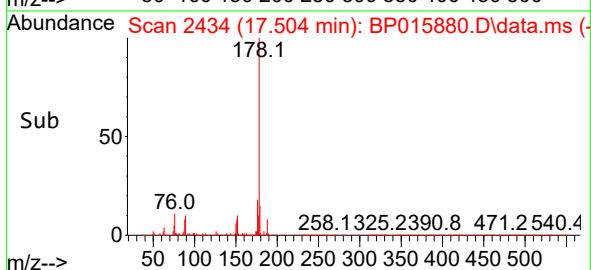
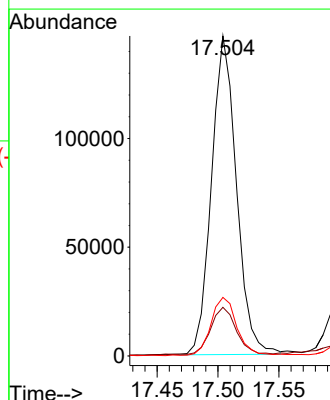
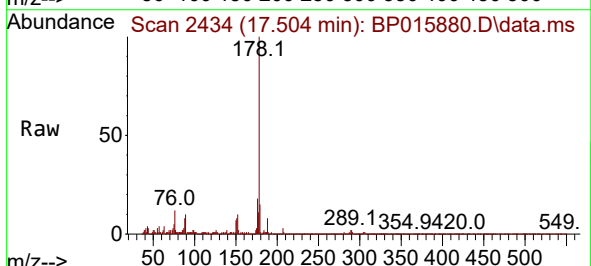
Tgt Ion:178 Resp: 208940

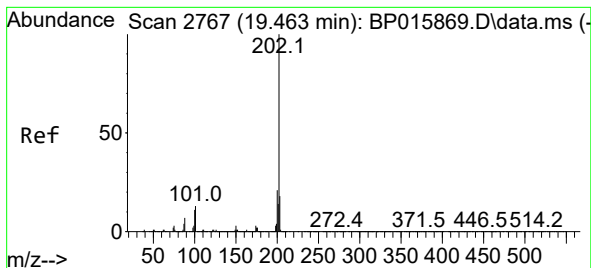
Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

176 18.3 14.6 22.0





#80

Fluoranthene

Concen: 7.832 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

Instrument :

BNA_P

ClientSampleId :

DCFZ8

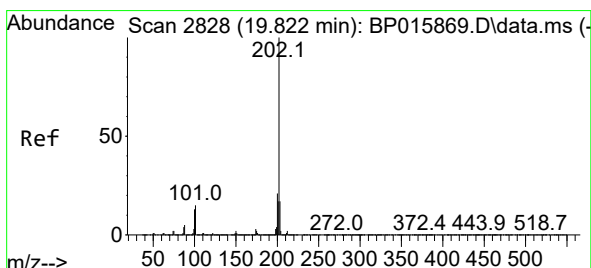
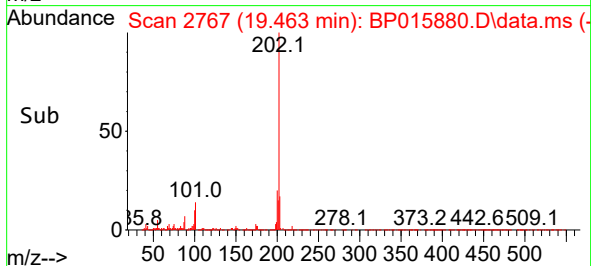
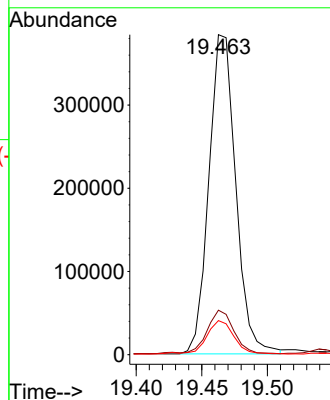
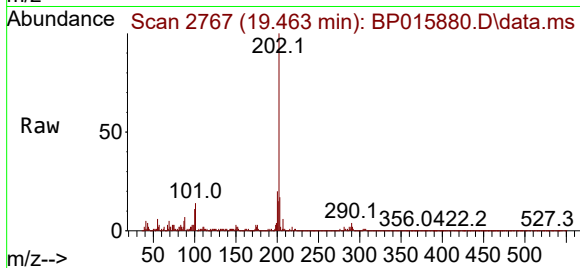
Tgt Ion:202 Resp: 547544

Ion Ratio Lower Upper

202 100

101 13.9 8.3 12.5#

100 10.7 6.6 9.8#



#82

Pyrene

Concen: 6.413 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. -0.012 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

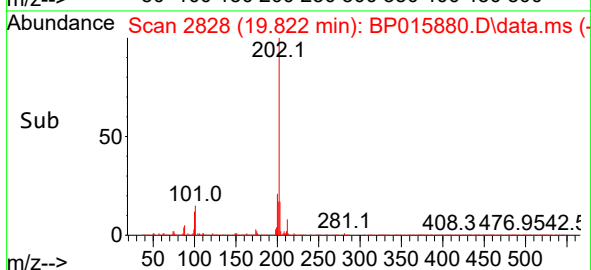
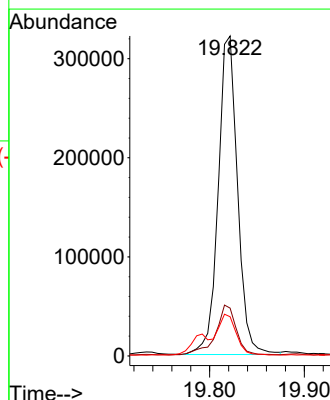
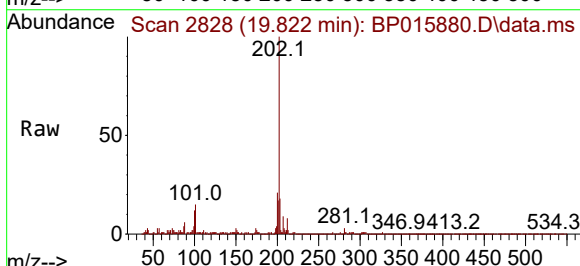
Tgt Ion:202 Resp: 457323

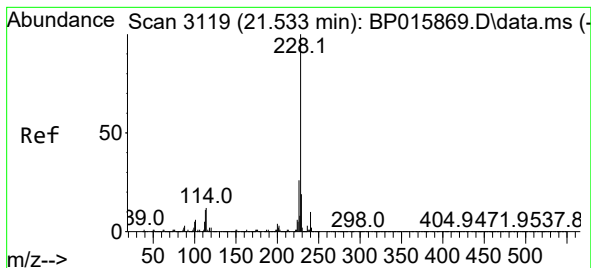
Ion Ratio Lower Upper

202 100

101 15.0 9.3 13.9#

100 12.3 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 5.064 ng/ul

RT: 21.592 min Scan# 3119

Delta R.T. 0.047 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

Instrument :

BNA_P

ClientSampleId :

DCFZ8

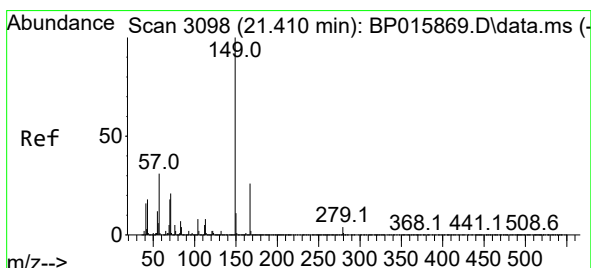
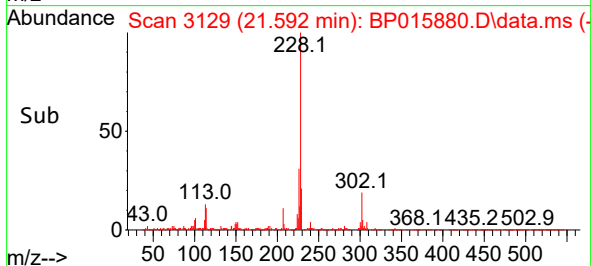
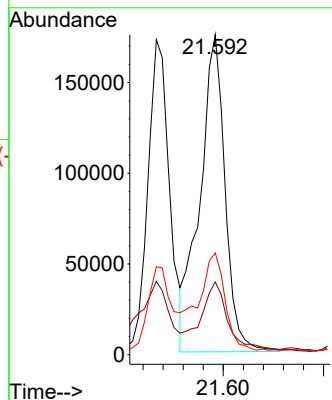
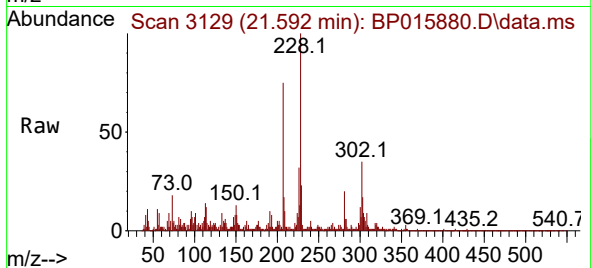
Tgt Ion:228 Resp: 306860

Ion Ratio Lower Upper

228 100

229 22.7 15.3 22.9

226 31.8 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.341 ng/ul

RT: 21.416 min Scan# 3099

Delta R.T. -0.018 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

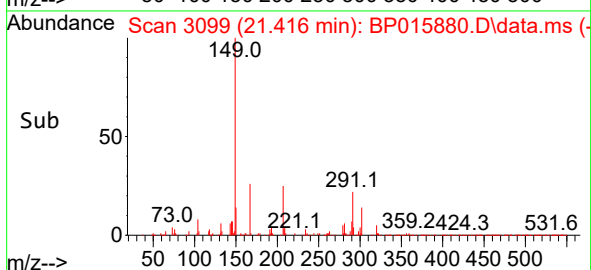
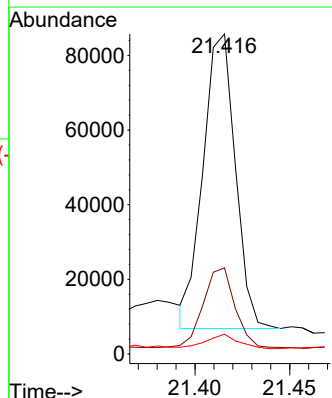
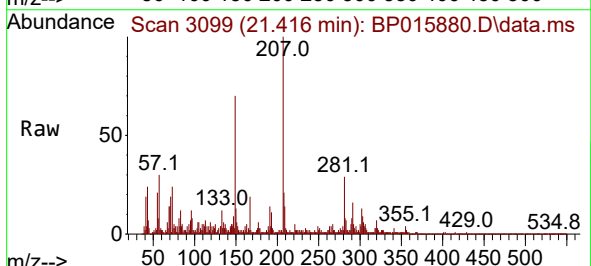
Tgt Ion:149 Resp: 93594

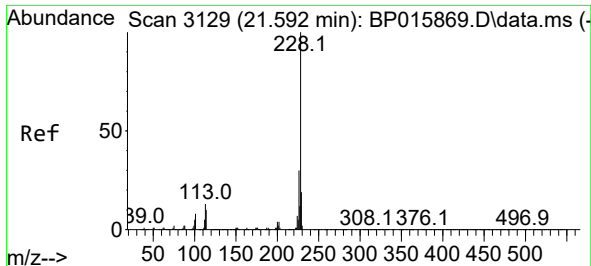
Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.6

279 6.2 3.8 5.6#





#87

Chrysene

Concen: 5.237 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

Instrument :

BNA_P

ClientSampleId :

DCFZ8

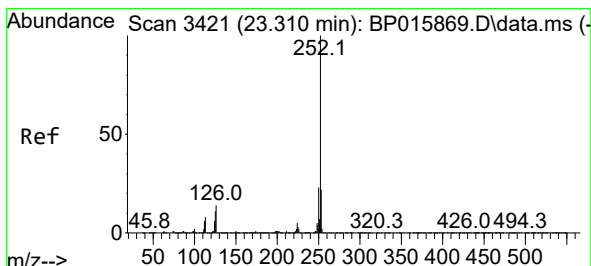
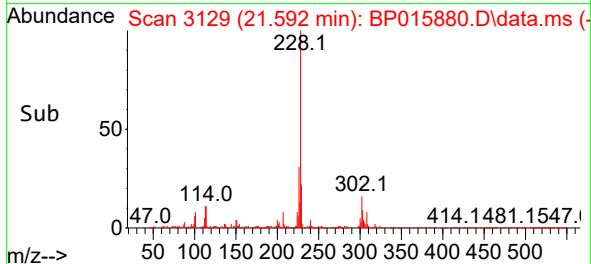
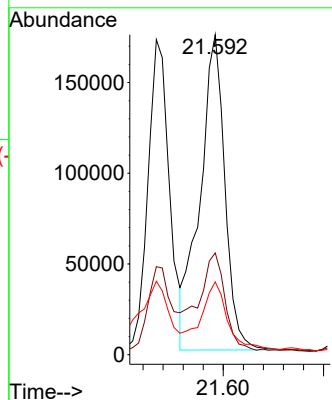
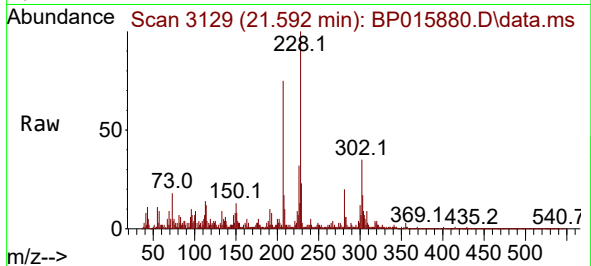
Tgt Ion:228 Resp: 301086

Ion Ratio Lower Upper

228 100

226 31.8 24.3 36.5

229 22.7 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 7.316 ng/ul

RT: 23.315 min Scan# 3422

Delta R.T. -0.012 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

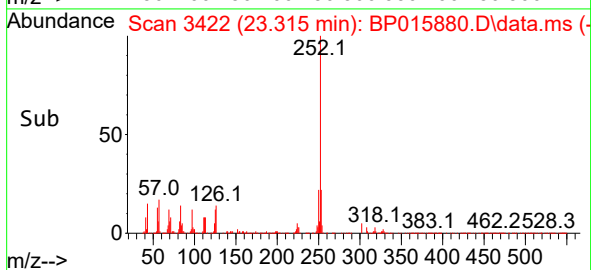
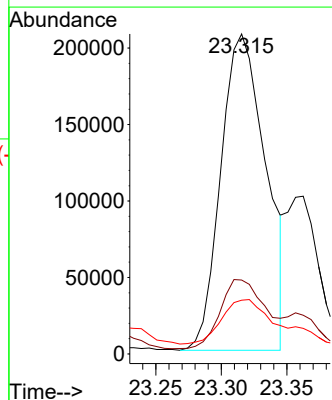
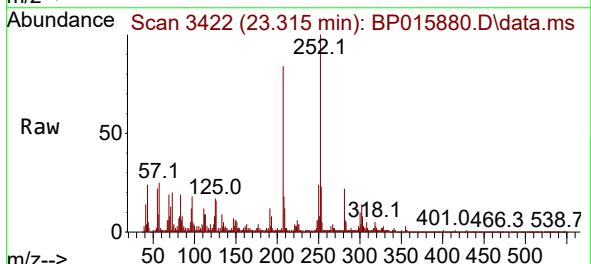
Tgt Ion:252 Resp: 494073

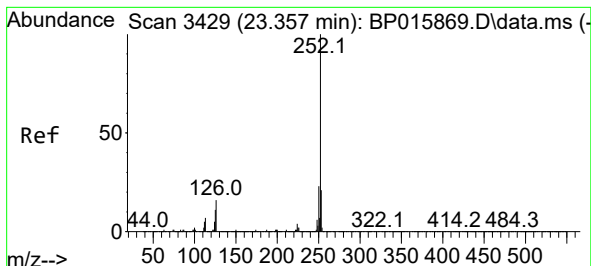
Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

125 16.8 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 7.241 ng/ul

RT: 23.315 min Scan# 3422

Delta R.T. -0.065 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

Instrument :

BNA_P

ClientSampleId :

DCFZ8

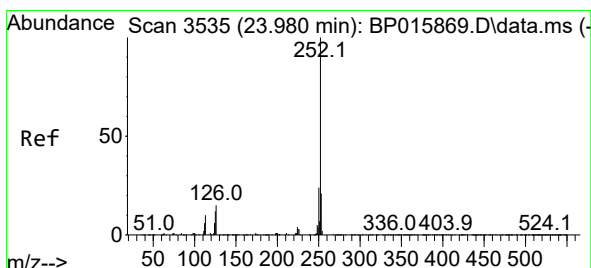
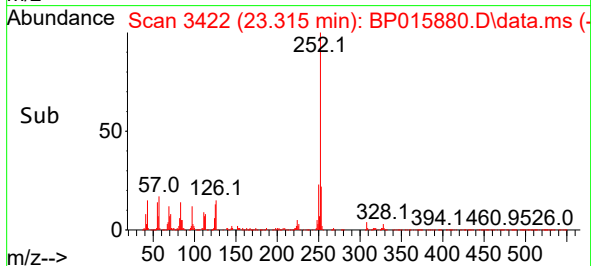
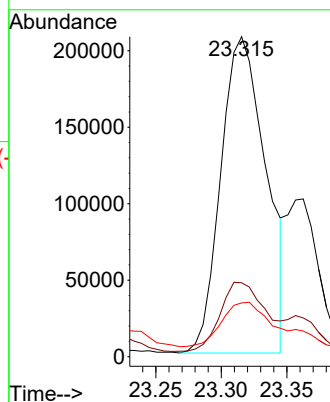
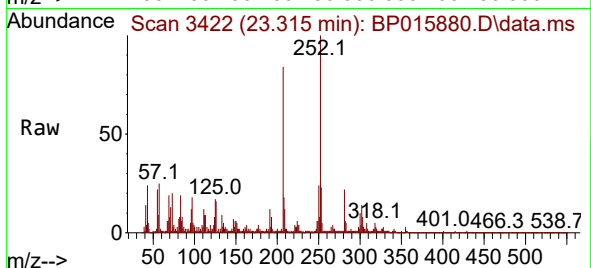
Tgt Ion:252 Resp: 494073

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

125 16.8 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 5.391 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. -0.024 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

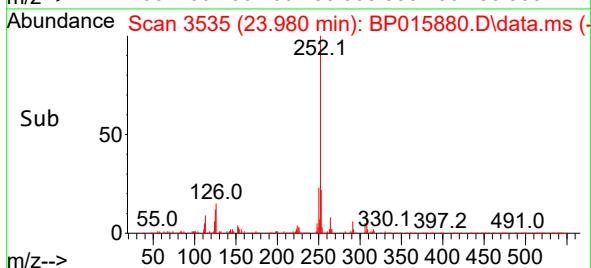
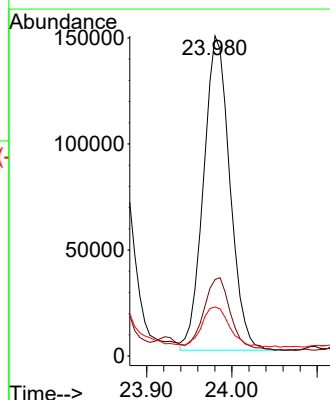
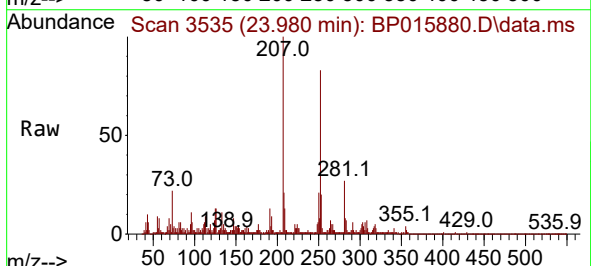
Tgt Ion:252 Resp: 318121

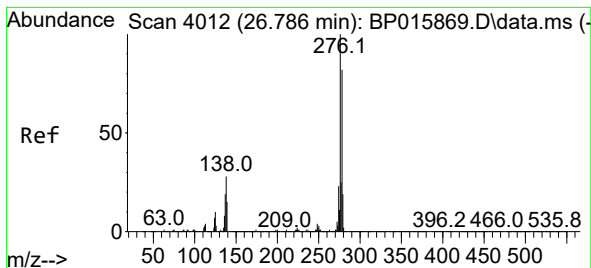
Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 15.3 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.483 ng/ul

RT: 26.792 min Scan# 4012

Delta R.T. -0.024 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

Instrument :

BNA_P

ClientSampleId :

DCFZ8

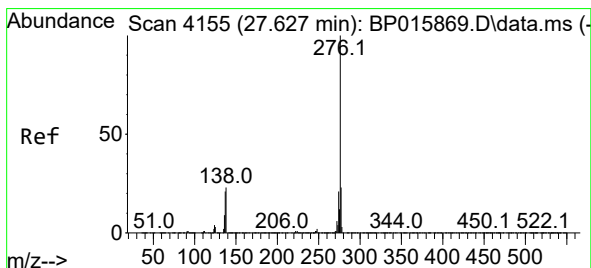
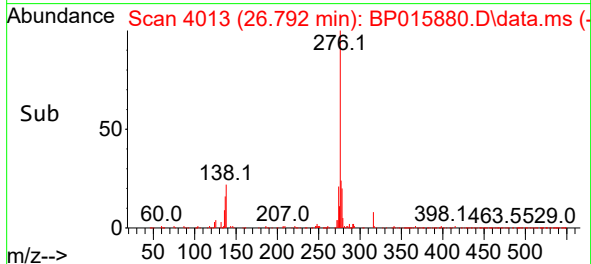
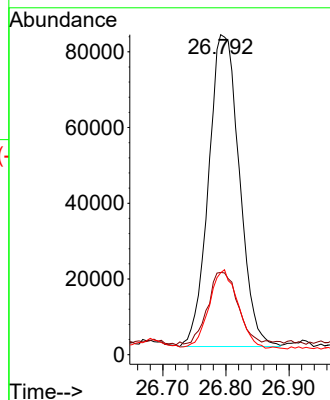
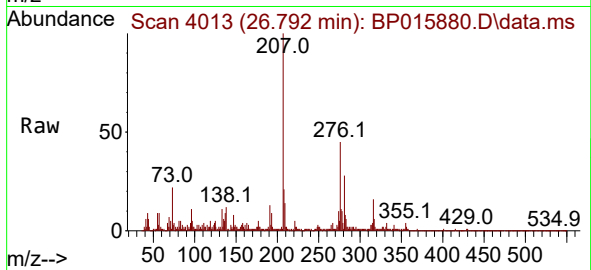
Tgt Ion:276 Resp: 278968

Ion Ratio Lower Upper

276 100

138 25.7 15.7 23.5#

277 25.6 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 3.776 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. -0.024 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

Tgt Ion:276 Resp: 248841

Ion Ratio Lower Upper

276 100

138 26.3 15.1 22.7#

277 25.7 18.8 28.2

