

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020986.D
 Acq On : 16 Jul 2024 11:26
 Operator : MA/JU
 Sample : P3177-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BX6

Quant Time: Jul 16 22:54:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

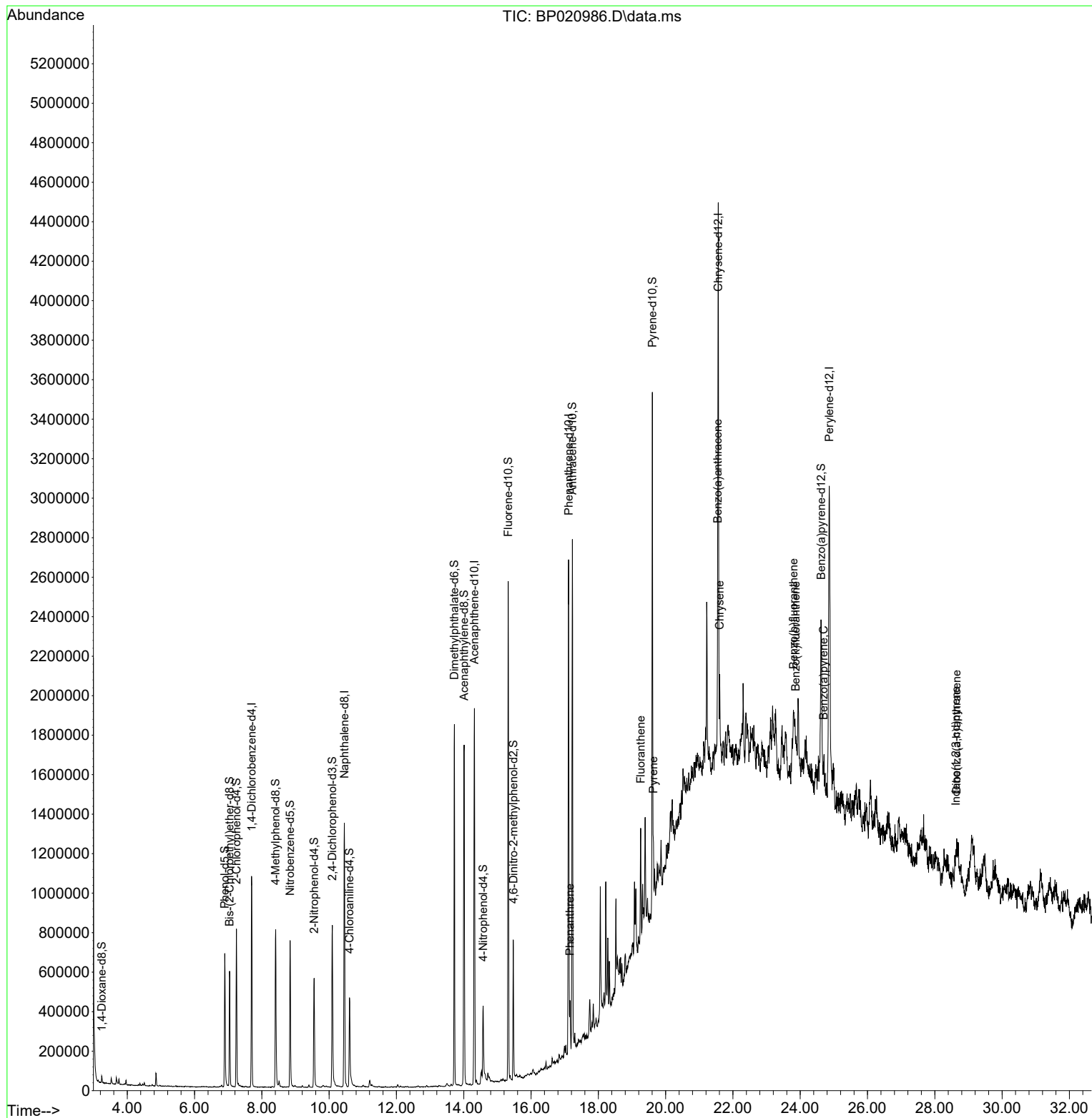
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	283006	20.000	ng/ul	0.00
20) Naphthalene-d8	10.452	136	1170164	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	765200	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1601398	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1469908	20.000	ng/ul	0.01
88) Perylene-d12	24.863	264	1749254	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	16977	2.730	ng/uL	0.00
4) Pyridine-d5	3.658	84	252	0.014	ng/ul	0.00
7) Phenol-d5	6.899	99	407039	17.642	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	250103	17.887	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	352111	18.522	ng/ul	0.01
15) 4-Methylphenol-d8	8.411	113	330865	17.266	ng/ul	0.02
21) Nitrobenzene-d5	8.840	128	172565	18.987	ng/ul	0.01
24) 2-Nitrophenol-d4	9.552	143	198035	19.037	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	348214	18.512	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	299920	12.036	ng/ul	0.02
46) Dimethylphthalate-d6	13.722	166	1158061	20.819	ng/ul	0.01
49) Acenaphthylene-d8	14.010	160	1304170	20.880	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	126521	15.986	ng/ul	0.00
60) Fluorene-d10	15.322	176	1003992	22.000	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	151007	15.585	ng/ul	0.01
73) Anthracene-d10	17.228	188	1589760	22.351	ng/ul	0.00
81) Pyrene-d10	19.604	212	1339920	14.745	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.621	264	901598	10.451	ng/ul	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.157	178	177520	2.137	ng/ul	99
80) Fluoranthene	19.257	202	375370	3.420	ng/ul	99
82) Pyrene	19.633	202	223167	1.998	ng/ul	99
85) Benzo(a)anthracene	21.545	228	234479	2.277	ng/ul#	91
87) Chrysene	21.604	228	244077	2.551	ng/ul#	92
90) Benzo(b)fluoranthene	23.804	252	362309	3.413	ng/ul#	88
91) Benzo(k)fluoranthene	23.869	252	108352	1.023	ng/ul#	74
93) Benzo(a)pyrene	24.692	252	179444	1.789	ng/ul#	77
94) Indeno(1,2,3-cd)pyrene	28.621	276	177237	1.371	ng/ul#	81
95) Dibenzo(a,h)anthracene	28.651	278	191663	1.791	ng/ul#	72

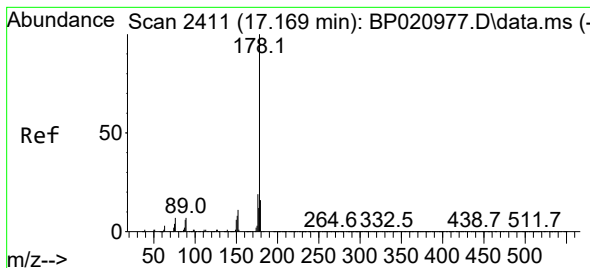
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 2.137 ng/ul

RT: 17.157 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BP020986.D

Acq: 16 Jul 2024 11:26

Instrument :

BNA_P

ClientSampleId :

A4BX6

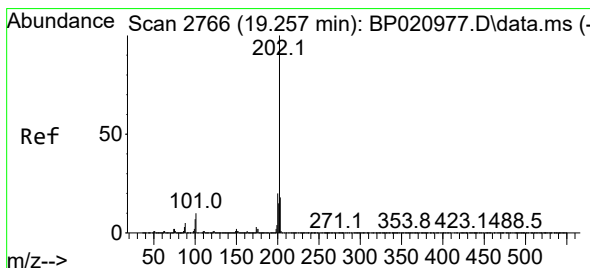
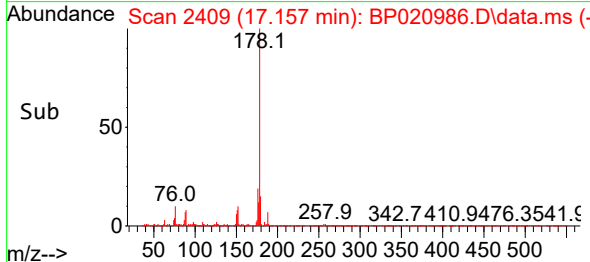
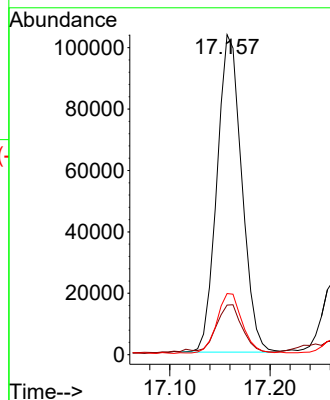
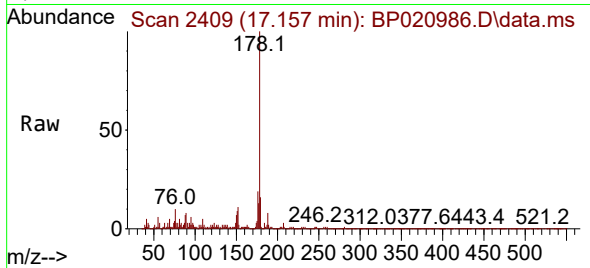
Tgt Ion:178 Resp: 177520

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 19.1 15.0 22.4



#80

Fluoranthene

Concen: 3.420 ng/ul

RT: 19.257 min Scan# 2766

Delta R.T. 0.006 min

Lab File: BP020986.D

Acq: 16 Jul 2024 11:26

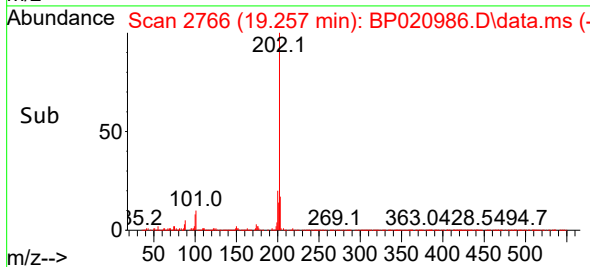
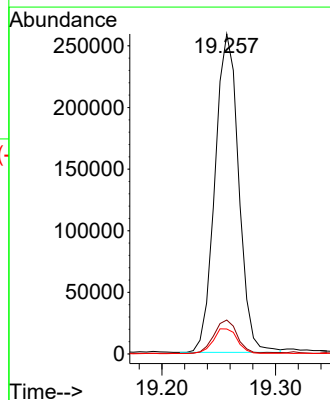
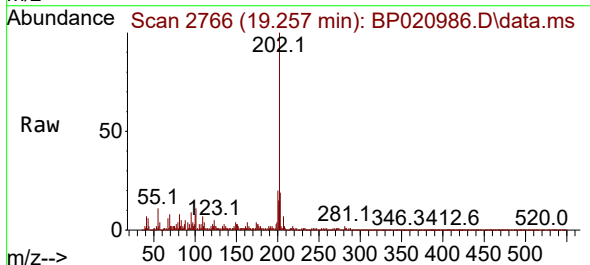
Tgt Ion:202 Resp: 375370

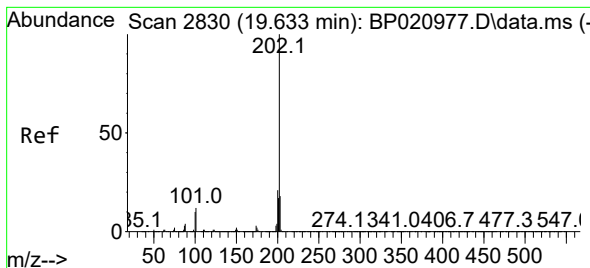
Ion Ratio Lower Upper

202 100

101 10.6 8.0 12.0

100 7.8 6.1 9.1





#82

Pyrene

Concen: 1.998 ng/ul

RT: 19.633 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020986.D

Acq: 16 Jul 2024 11:26

Instrument :

BNA_P

ClientSampleId :

A4BX6

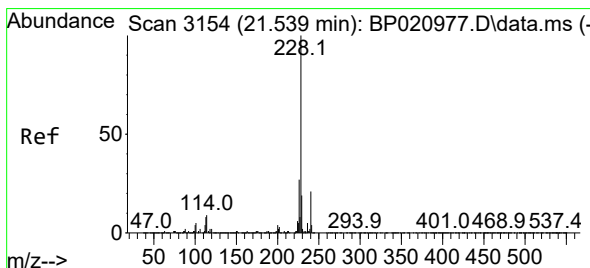
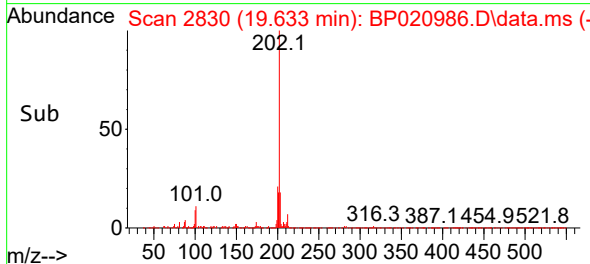
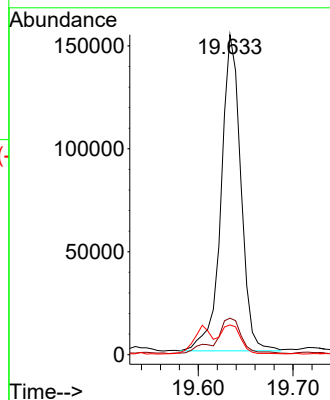
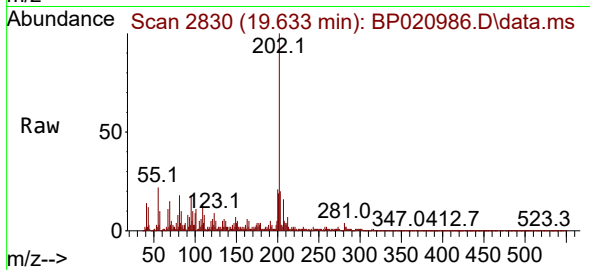
Tgt Ion:202 Resp: 223167

Ion Ratio Lower Upper

202 100

101 11.4 9.4 14.2

100 9.3 7.8 11.6



#85

Benzo(a)anthracene

Concen: 2.277 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP020986.D

Acq: 16 Jul 2024 11:26

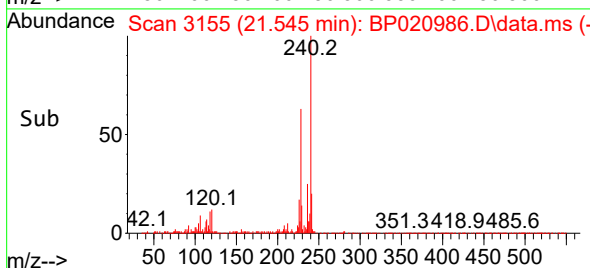
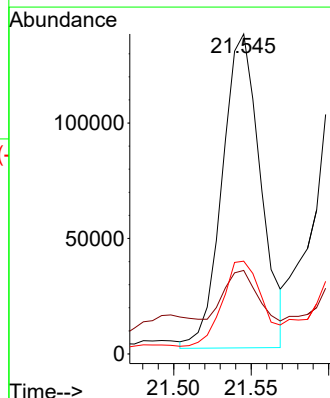
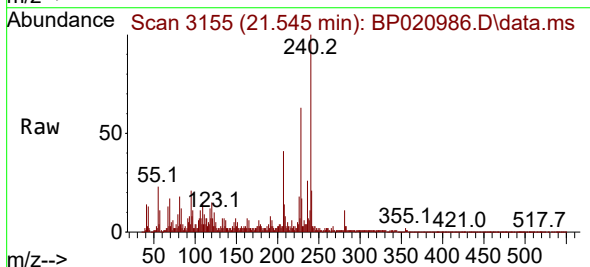
Tgt Ion:228 Resp: 234479

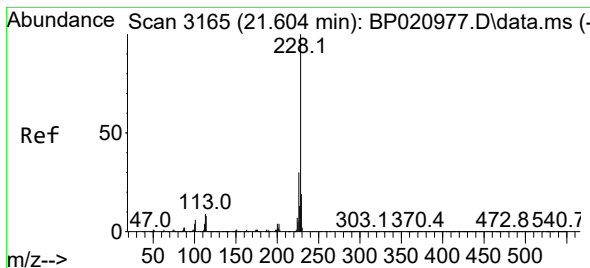
Ion Ratio Lower Upper

228 100

229 26.1 15.5 23.3#

226 29.0 21.4 32.2





#87

Chrysene

Concen: 2.551 ng/ul

RT: 21.604 min Scan# 3165

Delta R.T. 0.006 min

Lab File: BP020986.D

Acq: 16 Jul 2024 11:26

Instrument :

BNA_P

ClientSampleId :

A4BX6

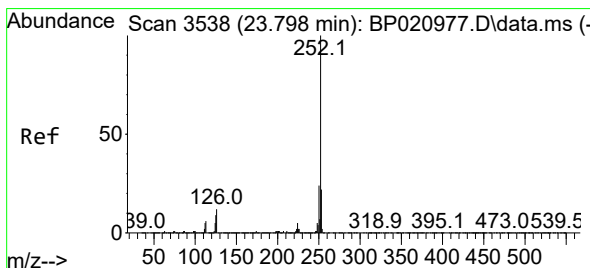
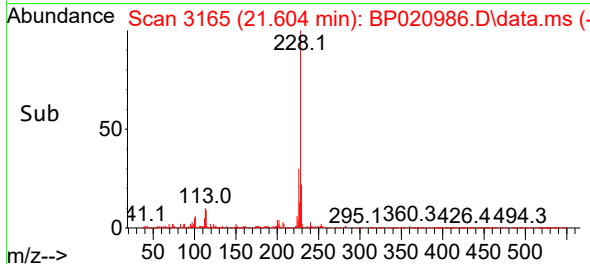
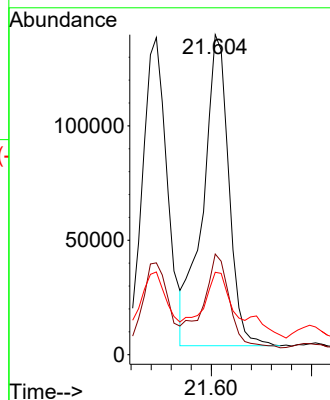
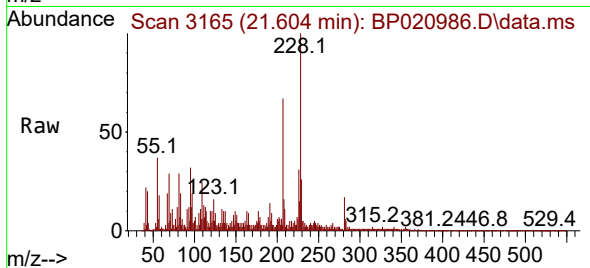
Tgt Ion:228 Resp: 244077

Ion Ratio Lower Upper

228 100

226 31.4 23.6 35.4

229 25.7 15.5 23.3#



#90

Benzo(b)fluoranthene

Concen: 3.413 ng/ul

RT: 23.804 min Scan# 3539

Delta R.T. 0.023 min

Lab File: BP020986.D

Acq: 16 Jul 2024 11:26

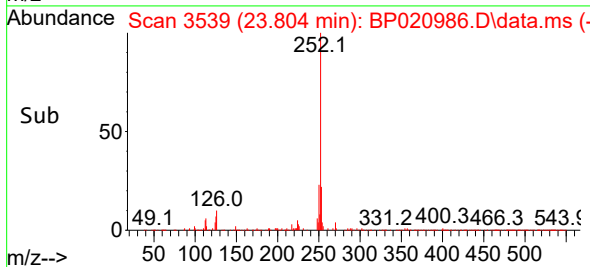
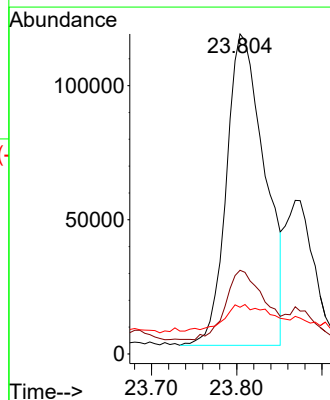
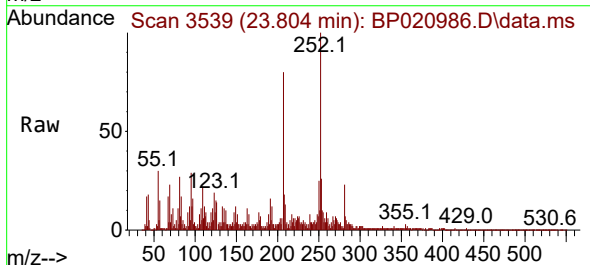
Tgt Ion:252 Resp: 362309

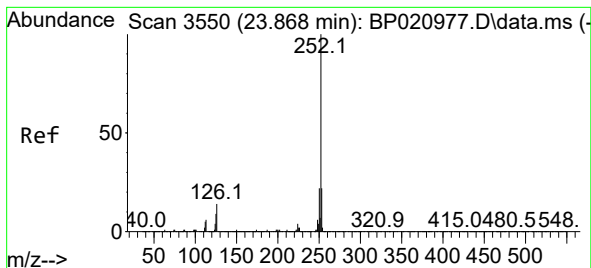
Ion Ratio Lower Upper

252 100

253 26.2 17.1 25.7#

125 14.6 7.0 10.4#





#91

Benzo(k)fluoranthene

Concen: 1.023 ng/ul

RT: 23.869 min Scan# 3550

Delta R.T. 0.018 min

Lab File: BP020986.D

Acq: 16 Jul 2024 11:26

Instrument :

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ClientSampleId :

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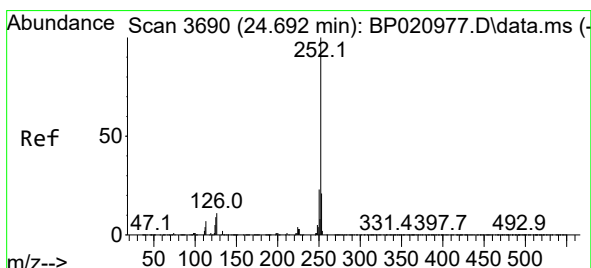
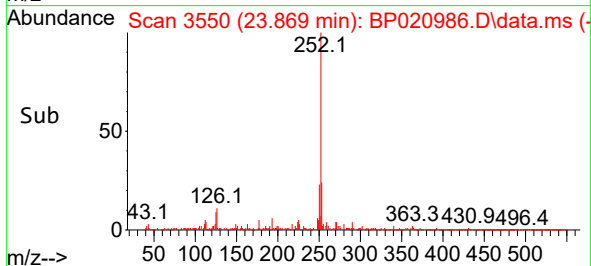
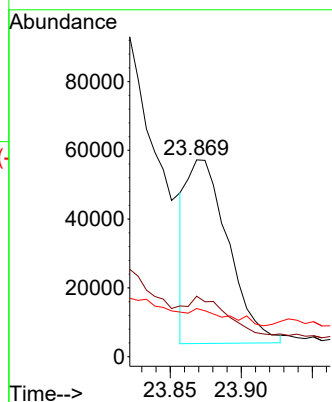
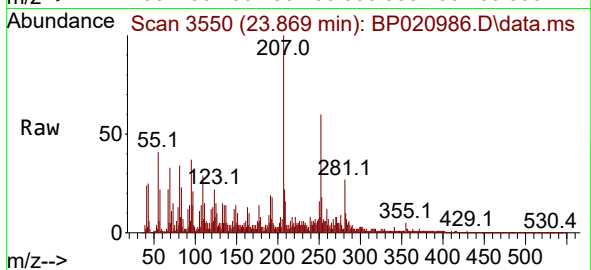
Tgt Ion:252 Resp: 108352

Ion Ratio Lower Upper

252 100

253 30.7 17.4 26.2#

125 24.4 7.4 11.0#



#93

Benzo(a)pyrene

Concen: 1.789 ng/ul

RT: 24.692 min Scan# 3690

Delta R.T. 0.024 min

Lab File: BP020986.D

Acq: 16 Jul 2024 11:26

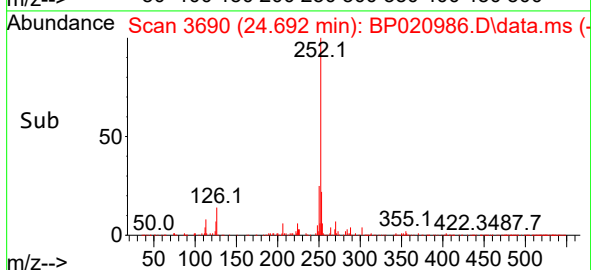
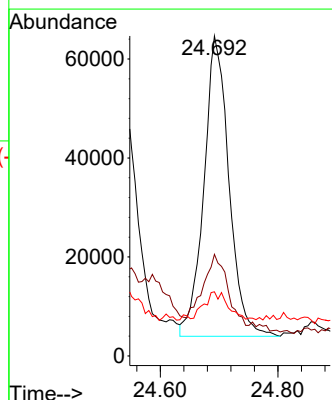
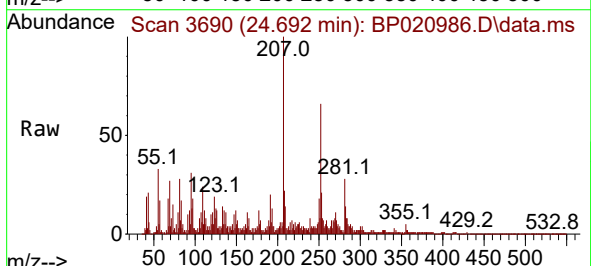
Tgt Ion:252 Resp: 179444

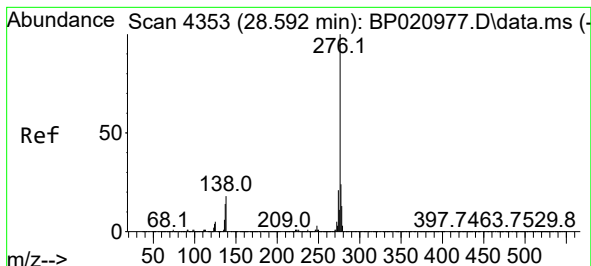
Ion Ratio Lower Upper

252 100

253 31.7 17.4 26.0#

125 20.1 7.7 11.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.371 ng/ul

RT: 28.621 min Scan# 41

Delta R.T. 0.047 min

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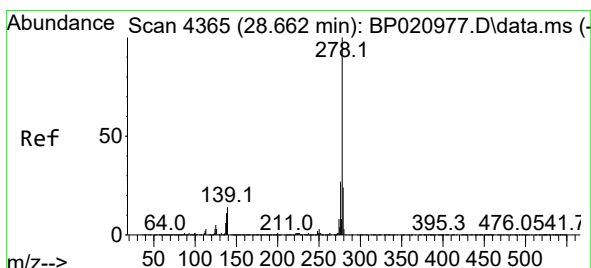
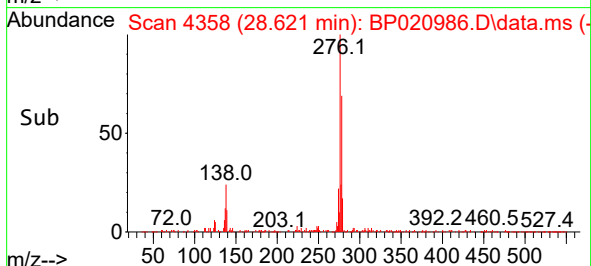
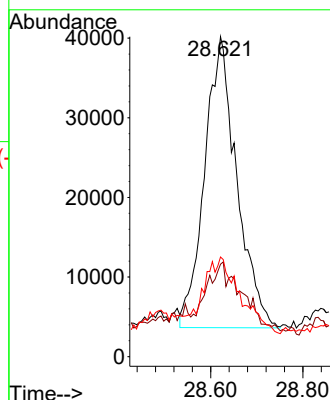
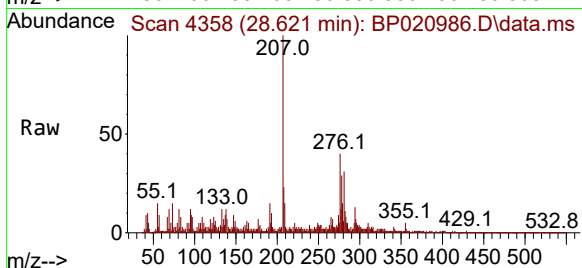
Tgt Ion:276 Resp: 177237

Ion Ratio Lower Upper

276 100

138 28.9 14.3 21.5#

277 31.2 19.2 28.8#



#95

Dibenzo(a,h)anthracene

Concen: 1.791 ng/ul

RT: 28.651 min Scan# 4363

Delta R.T. 0.018 min

Lab File: BP020986.D

Acq: 16 Jul 2024 11:26

Tgt Ion:278 Resp: 191663

Ion Ratio Lower Upper

278 100

139 22.7 10.9 16.3#

279 39.7 19.4 29.0#

