

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012250.D
 Acq On : 21 Oct 2022 17:49
 Operator : CG/JU
 Sample : N5064-12
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 21 22:33:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

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

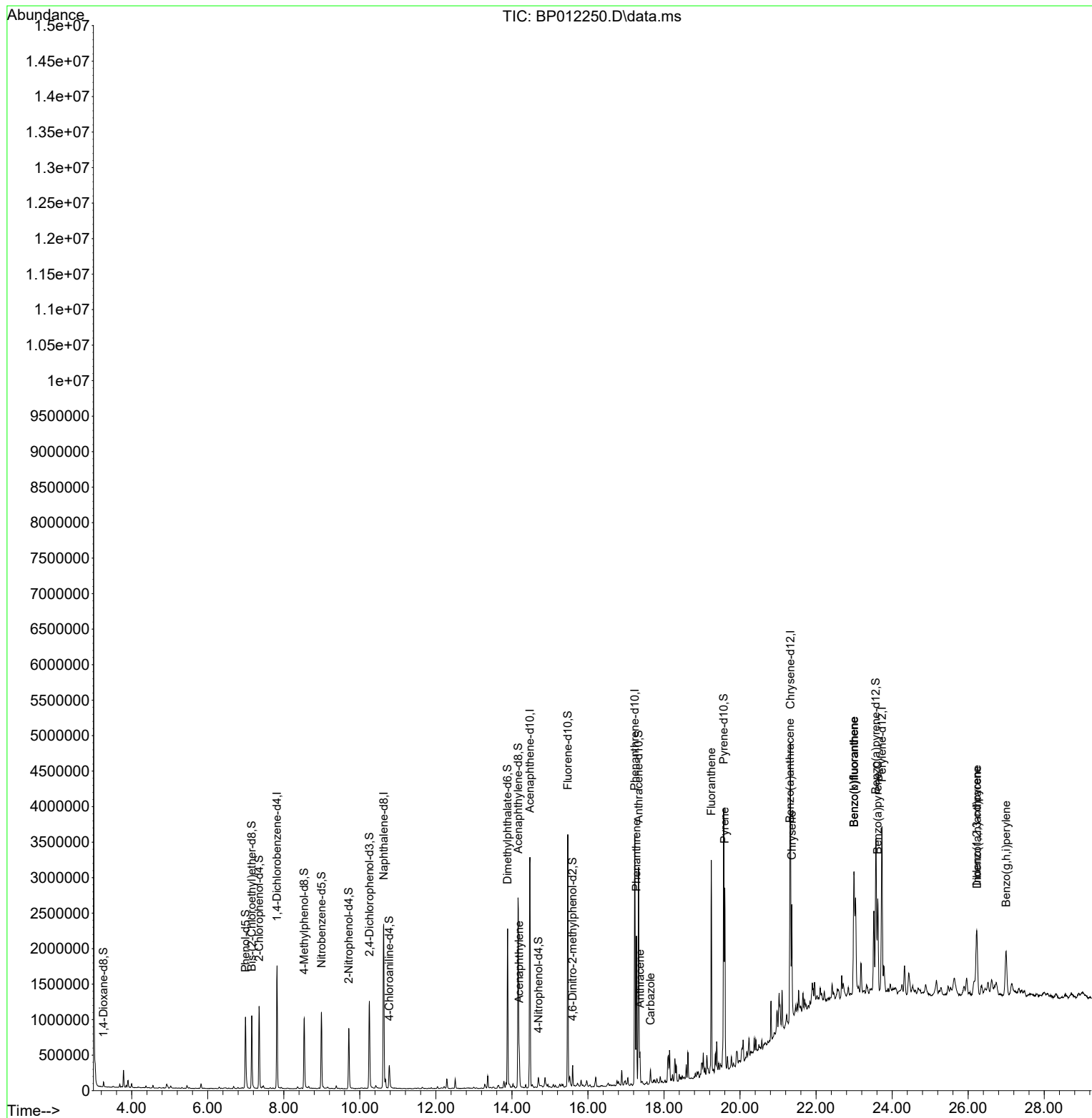
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	483321	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	2030901	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	1181790	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	2087403	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1572973	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1787614	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	34181	2.862	ng/uL	0.00
4) Pyridine-d5	3.675	84	102	0.003	ng/ul	0.00
7) Phenol-d5	6.993	99	636883	15.263	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	453270	17.912	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	560780	17.656	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	423641	13.063	ng/ul	-0.01
21) Nitrobenzene-d5	8.993	128	297277	19.775	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	296553	18.284	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	504918	16.596	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	218726	5.060	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1539344	18.725	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1829014	19.492	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.698	143	49600	3.221	ng/ul	0.00
60) Fluorene-d10	15.469	176	1360560	19.238	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	66209	5.576	ng/ul	0.00
73) Anthracene-d10	17.333	188	1778583	19.439	ng/ul	0.00
81) Pyrene-d10	19.569	212	1702068	19.005	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.574	264	1684896	18.795	ng/ul	-0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.192	152	358284	3.427	ng/ul	99
72) Phenanthrene	17.275	178	1271935	11.337	ng/ul	99
74) Anthracene	17.369	178	271144	2.443	ng/ul	99
77) Carbazole	17.645	167	127356	1.300	ng/ul	99
80) Fluoranthene	19.245	202	1704841	15.405	ng/ul	97
82) Pyrene	19.598	202	1428014	12.612	ng/ul	97
85) Benzo(a)anthracene	21.310	228	710520	6.931	ng/ul	97
87) Chrysene	21.363	228	911691	9.530	ng/ul	99
90) Benzo(b)fluoranthene	22.998	252	1449533	12.167	ng/ul	98
91) Benzo(k)fluoranthene	22.998	252	1449533	12.344	ng/ul	99
93) Benzo(a)pyrene	23.621	252	906218	8.895	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.227	276	1016956	8.623	ng/ul	94
95) Dibenzo(a,h)anthracene	26.233	278	275734	2.593	ng/ul#	83
96) Benzo(g,h,i)perylene	26.998	276	871632	7.872	ng/ul	99

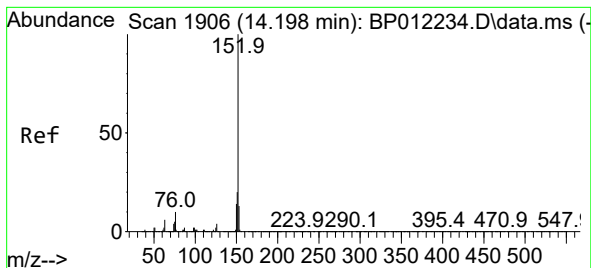
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 00:51:41 2022
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 3.427 ng/ul

RT: 14.192 min Scan# 1905

Delta R.T. -0.006 min

Lab File: BP012250.D

Acq: 21 Oct 2022 17:49

Instrument :

BNA_P

ClientSampleId :

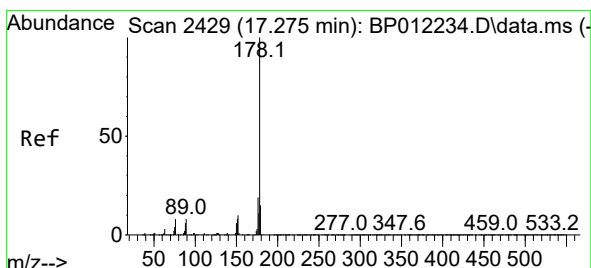
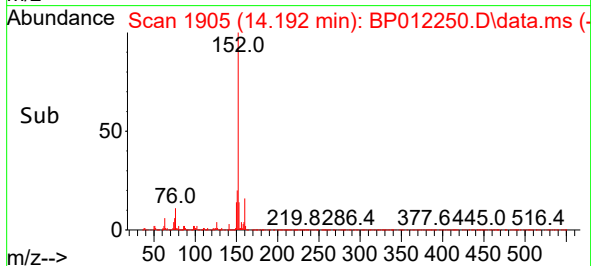
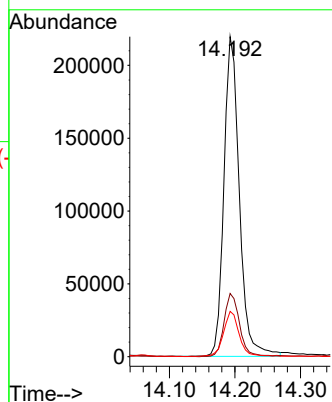
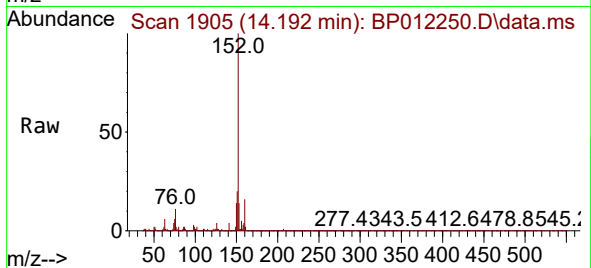
Tgt Ion:152 Resp: 358284

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

153 14.1 10.6 16.0



#72

Phenanthrene

Concen: 11.337 ng/ul

RT: 17.275 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BP012250.D

Acq: 21 Oct 2022 17:49

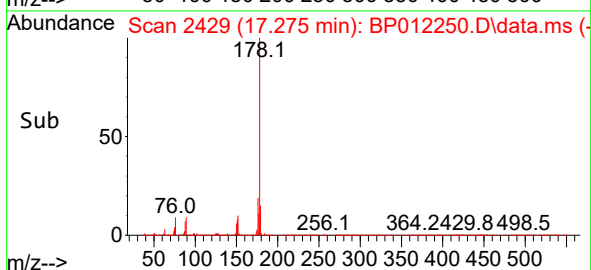
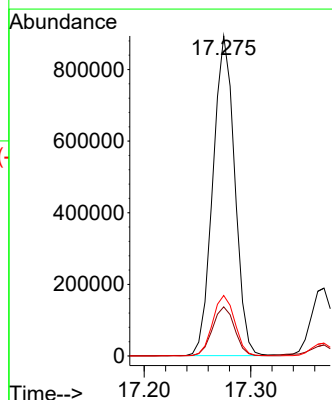
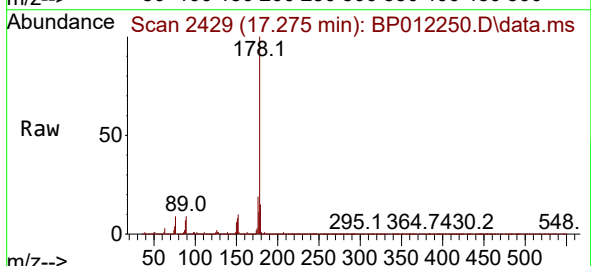
Tgt Ion:178 Resp: 1271935

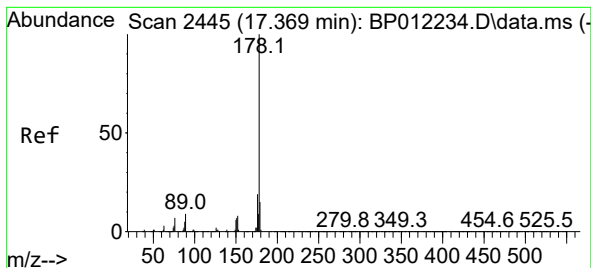
Ion Ratio Lower Upper

178 100

179 15.3 12.6 18.8

176 18.9 15.6 23.4





#74

Anthracene

Concen: 2.443 ng/ul

RT: 17.369 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BP012250.D

Acq: 21 Oct 2022 17:49

Instrument :

BNA_P

ClientSampleId :

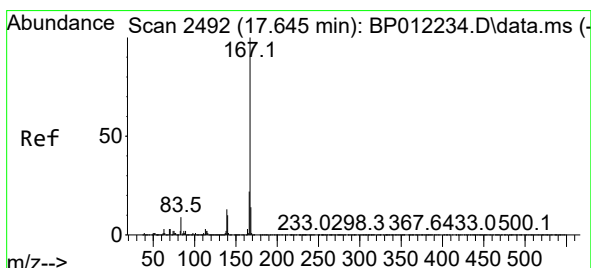
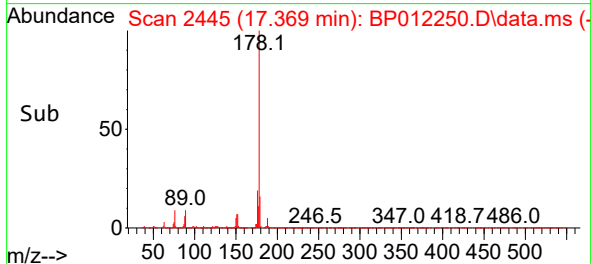
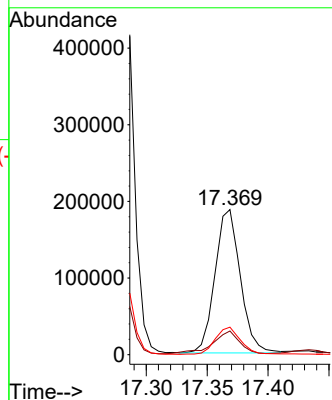
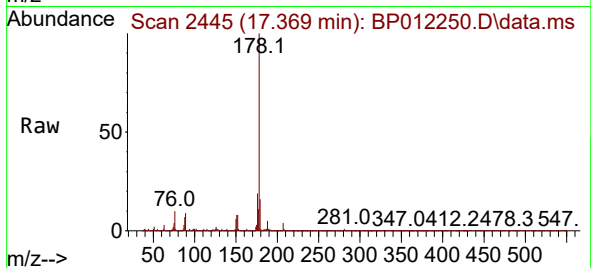
Tgt Ion:178 Resp: 271144

Ion Ratio Lower Upper

178 100

179 16.3 12.3 18.5

176 18.9 15.0 22.4



#77

Carbazole

Concen: 1.300 ng/ul

RT: 17.645 min Scan# 2492

Delta R.T. -0.006 min

Lab File: BP012250.D

Acq: 21 Oct 2022 17:49

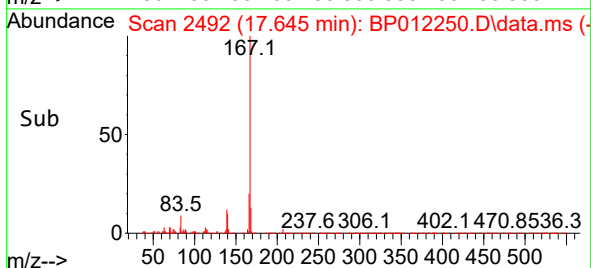
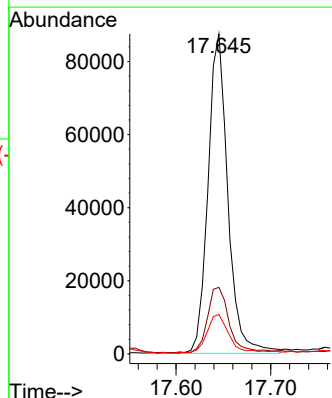
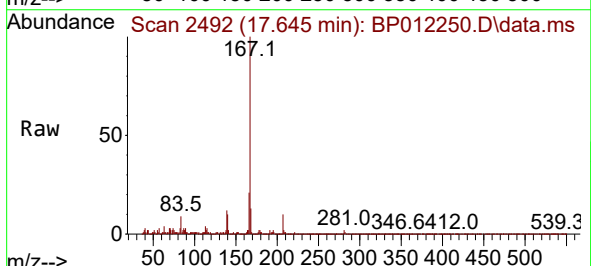
Tgt Ion:167 Resp: 127356

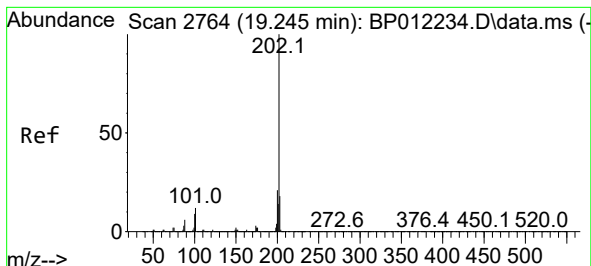
Ion Ratio Lower Upper

167 100

166 20.8 17.3 25.9

139 12.4 10.2 15.4





#80

Fluoranthene

Concen: 15.405 ng/ul

RT: 19.245 min Scan# 2764

Delta R.T. -0.006 min

Lab File: BP012250.D

Acq: 21 Oct 2022 17:49

Instrument :

BNA_P

ClientSampleId :

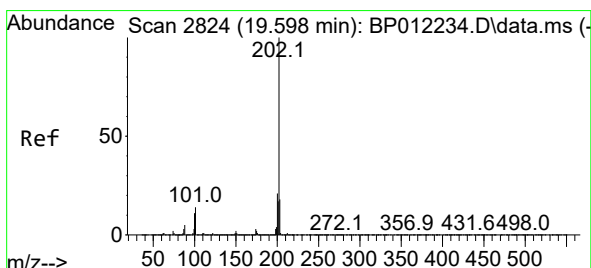
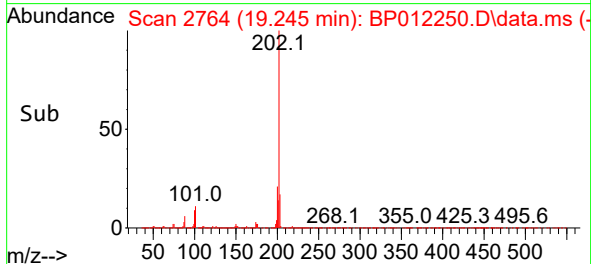
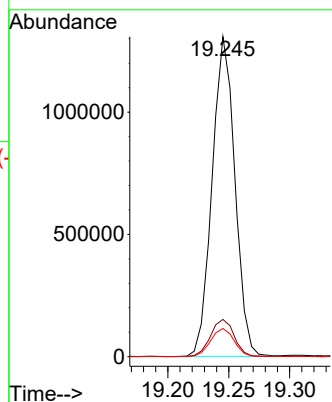
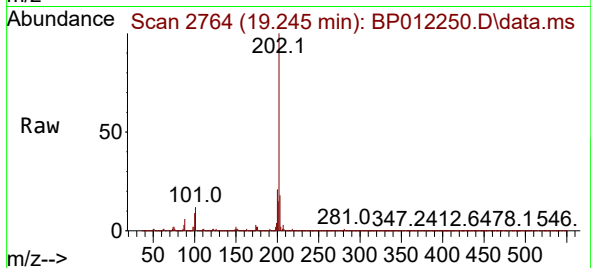
Tgt Ion:202 Resp: 1704841

Ion Ratio Lower Upper

202 100

101 11.6 10.4 15.6

100 8.8 7.7 11.5



#82

Pyrene

Concen: 12.612 ng/ul

RT: 19.598 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BP012250.D

Acq: 21 Oct 2022 17:49

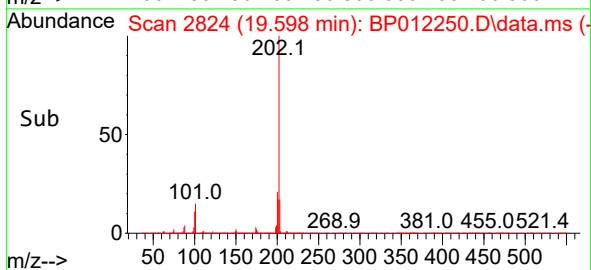
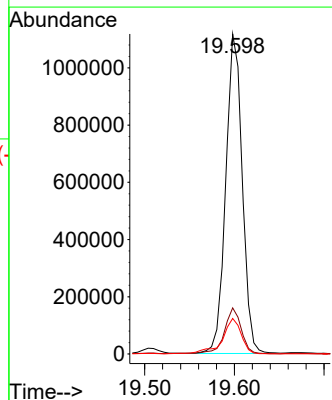
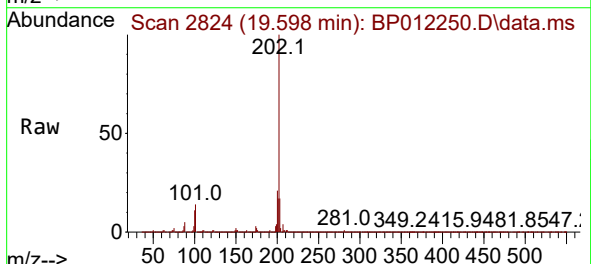
Tgt Ion:202 Resp: 1428014

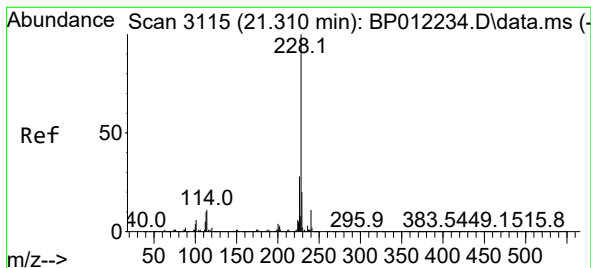
Ion Ratio Lower Upper

202 100

101 14.4 12.3 18.5

100 11.1 10.0 15.0





#85

Benzo(a)anthracene

Concen: 6.931 ng/ul

RT: 21.310 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP012250.D

Acq: 21 Oct 2022 17:49

Instrument :

BNA_P

ClientSampleId :

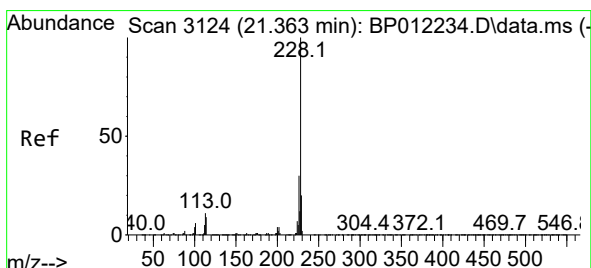
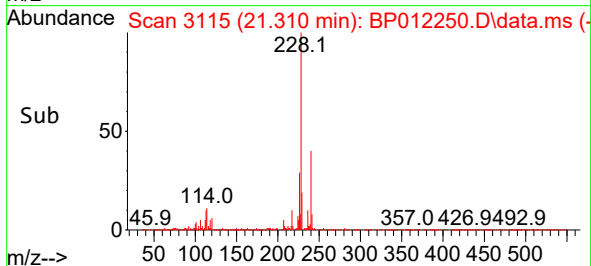
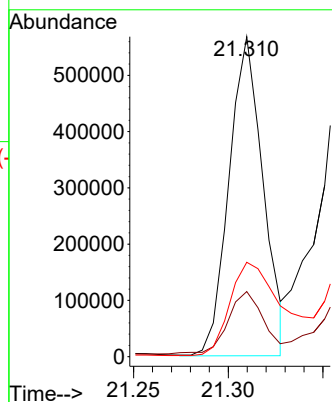
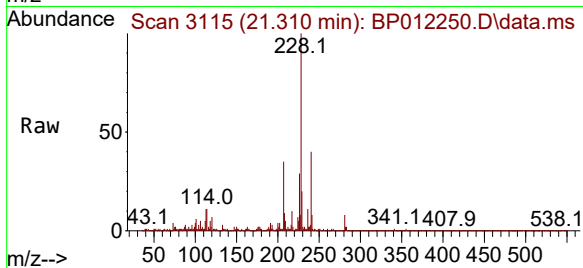
Tgt Ion:228 Resp: 710520

Ion Ratio Lower Upper

228 100

229 20.4 16.1 24.1

226 29.5 21.9 32.9



#87

Chrysene

Concen: 9.530 ng/ul

RT: 21.363 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP012250.D

Acq: 21 Oct 2022 17:49

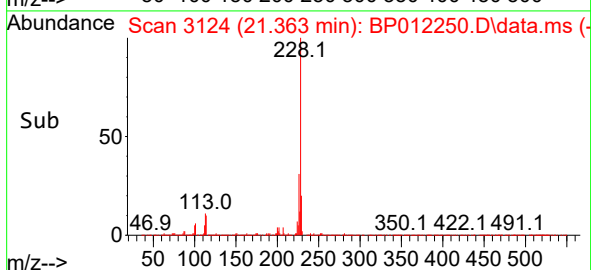
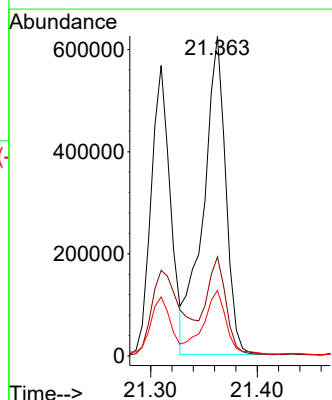
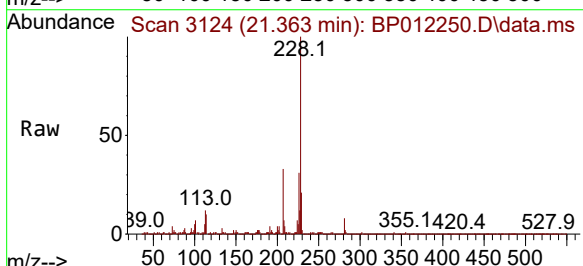
Tgt Ion:228 Resp: 911691

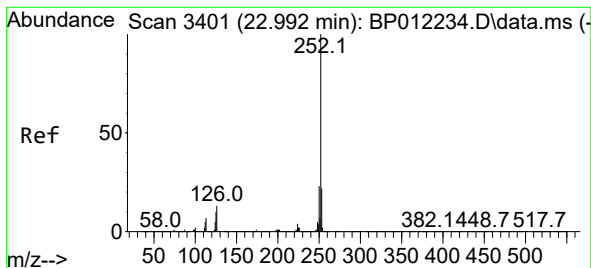
Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.4

229 20.5 15.8 23.8





#90

Benzo(b)fluoranthene

Concen: 12.167 ng/ul

RT: 22.998 min Scan# 3402

Delta R.T. -0.006 min

Lab File: BP012250.D

Acq: 21 Oct 2022 17:49

Instrument :

BNA_P

ClientSampleId :

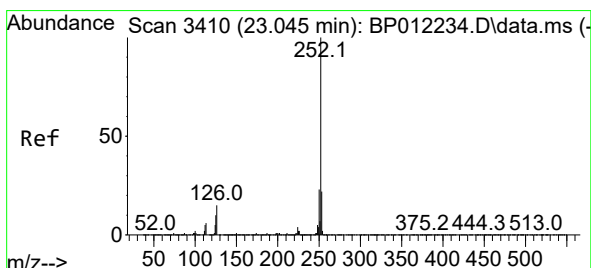
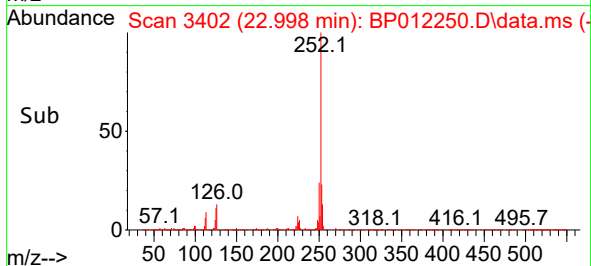
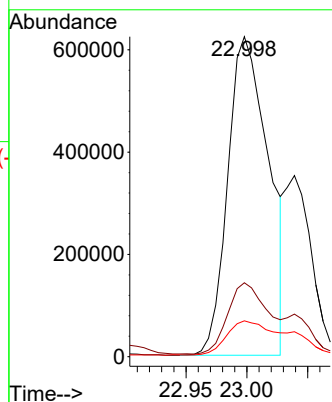
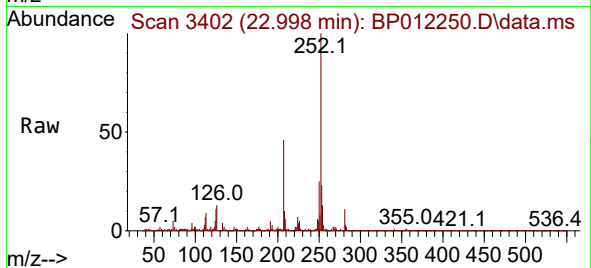
Tgt Ion:252 Resp: 1449533

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 11.2 8.5 12.7



#91

Benzo(k)fluoranthene

Concen: 12.344 ng/ul

RT: 22.998 min Scan# 3402

Delta R.T. -0.053 min

Lab File: BP012250.D

Acq: 21 Oct 2022 17:49

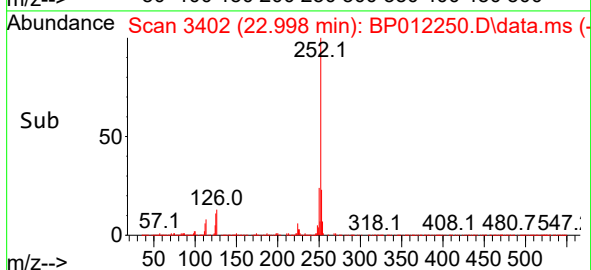
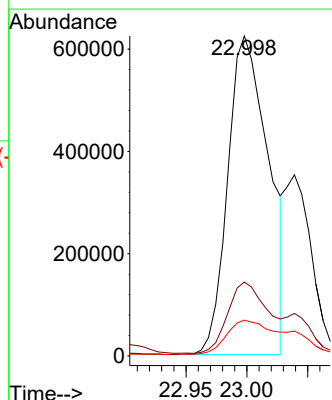
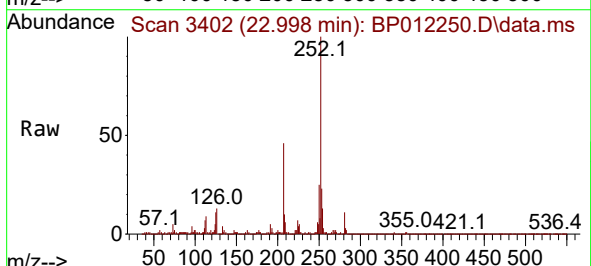
Tgt Ion:252 Resp: 1449533

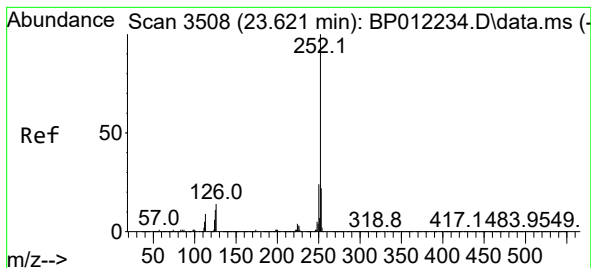
Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

125 11.2 8.6 13.0





#93

Benzo(a)pyrene

Concen: 8.895 ng/ul

RT: 23.621 min Scan# 3508

Delta R.T. -0.012 min

Lab File: BP012250.D

Acq: 21 Oct 2022 17:49

Instrument :

BNA_P

ClientSampleId :

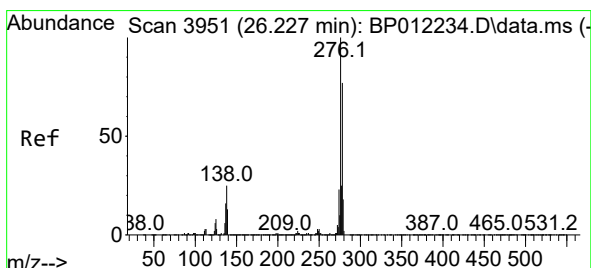
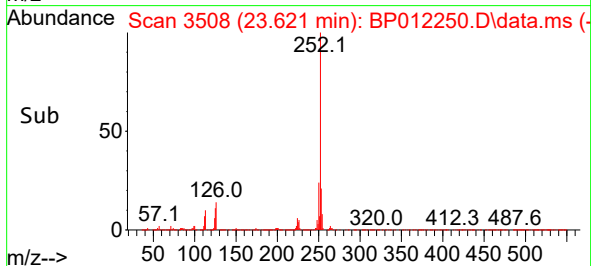
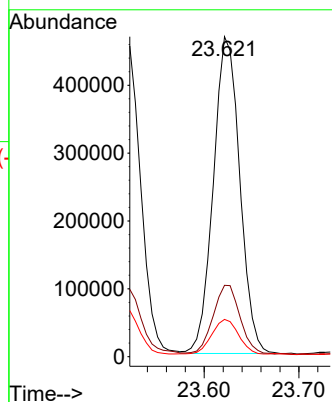
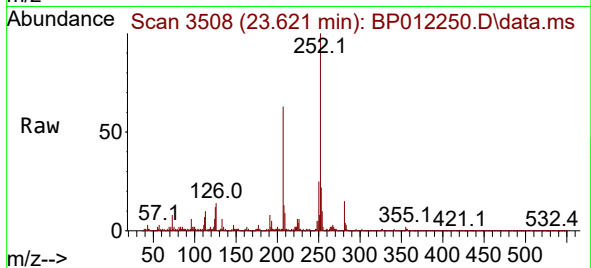
Tgt Ion:252 Resp: 906218

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 11.6 9.7 14.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.623 ng/ul

RT: 26.227 min Scan# 3951

Delta R.T. -0.018 min

Lab File: BP012250.D

Acq: 21 Oct 2022 17:49

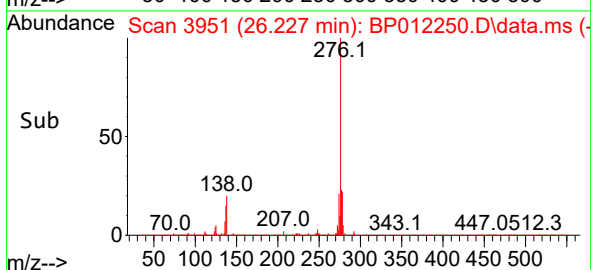
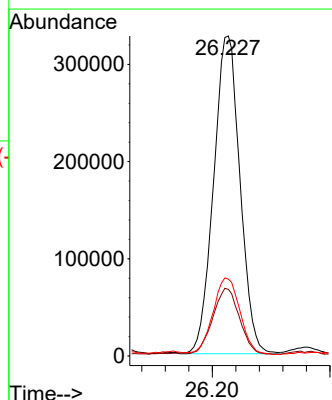
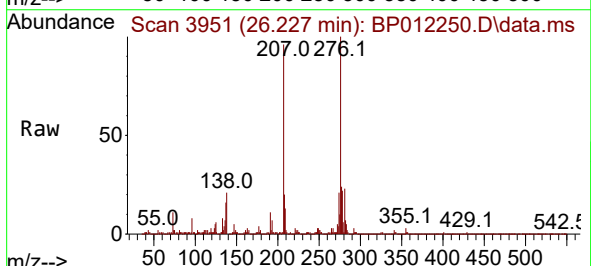
Tgt Ion:276 Resp: 1016956

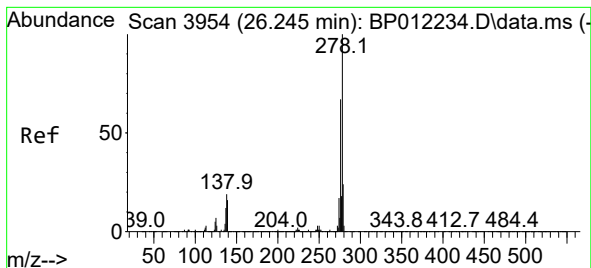
Ion Ratio Lower Upper

276 100

138 20.8 20.3 30.5

277 24.0 20.2 30.4





#95

Dibenzo(a,h)anthracene

Concen: 2.593 ng/ul

RT: 26.233 min Scan# 3954

Delta R.T. -0.029 min

Lab File: BP012250.D

Acq: 21 Oct 2022 17:49

Instrument :

BNA_P

ClientSampleId :

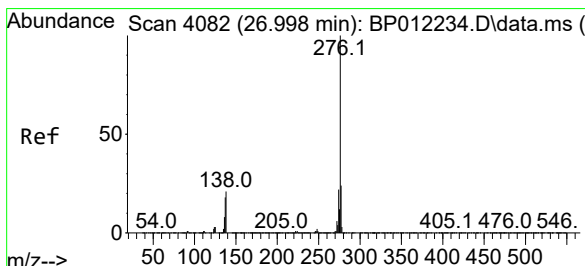
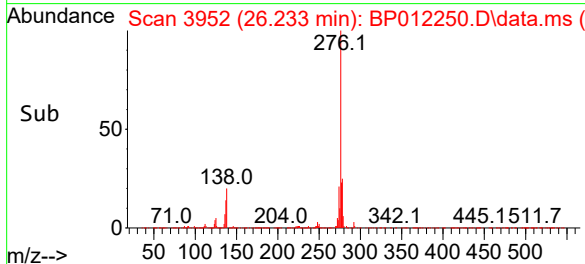
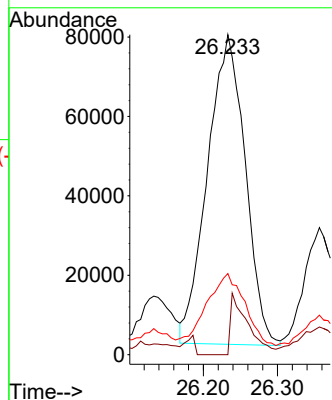
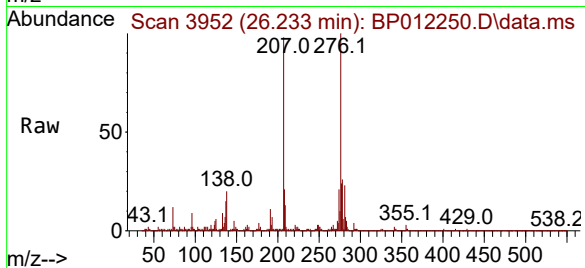
Tgt Ion:278 Resp: 275734

Ion Ratio Lower Upper

278 100

139 0.0 12.9 19.3#

279 25.3 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 7.872 ng/ul

RT: 26.998 min Scan# 4082

Delta R.T. -0.012 min

Lab File: BP012250.D

Acq: 21 Oct 2022 17:49

Tgt Ion:276 Resp: 871632

Ion Ratio Lower Upper

276 100

138 21.8 17.9 26.9

277 24.2 18.9 28.3

