

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
 Data File : BP021127.D
 Acq On : 24 Jul 2024 14:17
 Operator : MA/JU
 Sample : P3238-17DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4C04DL

Quant Time: Jul 24 22:54:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 22:49:22 2024
 Response via : Initial Calibration

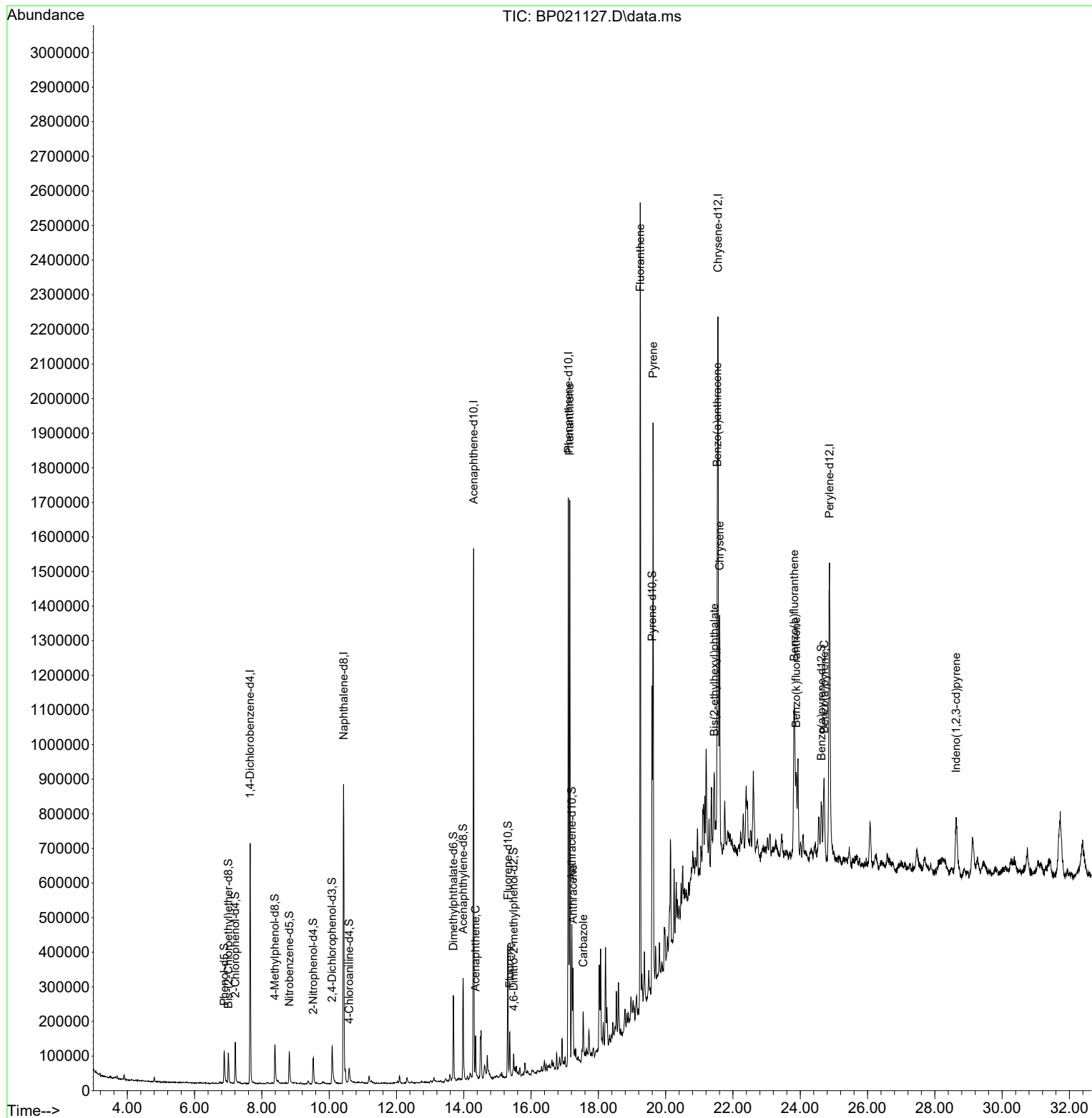
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	196000	20.000	ng/ul	0.00
20) Naphthalene-d8	10.428	136	768459	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.292	164	499119	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	1033838	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	800520	20.000	ng/ul	0.00
88) Perylene-d12	24.868	264	922293	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	3642	0.846	ng/uL	0.00
4) Pyridine-d5	3.599	84	364	0.029	ng/ul	0.00
7) Phenol-d5	6.881	99	64065	4.009	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.005	67	41796	4.316	ng/ul	0.01
11) 2-Chlorophenol-d4	7.210	132	57824	4.392	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	54948	4.140	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	26557	4.449	ng/ul	0.01
24) 2-Nitrophenol-d4	9.522	143	29884	4.374	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	55795	4.517	ng/ul	0.01
31) 4-Chloroaniline-d4	10.593	131	31922	1.951	ng/ul	0.02
46) Dimethylphthalate-d6	13.692	166	179861	4.957	ng/ul	0.00
49) Acenaphthylene-d8	13.981	160	197565	4.849	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	199	0.039	ng/ul	0.00
60) Fluorene-d10	15.310	176	158844	5.336	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	10206	1.632	ng/ul	0.02
73) Anthracene-d10	17.210	188	246307	5.364	ng/ul	0.00
81) Pyrene-d10	19.598	212	260501	5.264	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.627	264	187529	4.123	ng/ul	-0.02
Target Compounds						
					Qvalue	
52) Acenaphthene	14.351	153	43947	1.435	ng/ul	98
61) Fluorene	15.369	166	56550	1.653	ng/ul#	98
72) Phenanthrene	17.151	178	990056	18.460	ng/ul	99
74) Anthracene	17.245	178	184012	3.366	ng/ul	99
77) Carbazole	17.551	167	97491	2.181	ng/ul	100
80) Fluoranthene	19.245	202	1391555	23.283	ng/ul	99
82) Pyrene	19.627	202	1004363	16.514	ng/ul	100
85) Benzo(a)anthracene	21.533	228	525123	9.364	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	97605	2.677	ng/ul#	98
87) Chrysene	21.604	228	514938	9.882	ng/ul	98
90) Benzo(b)fluoranthene	23.821	252	596455	10.657	ng/ul	98
91) Benzo(k)fluoranthene	23.880	252	210060	3.761	ng/ul	96
93) Benzo(a)pyrene	24.710	252	258063	4.879	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.633	276	230549	3.383	ng/ul#	93

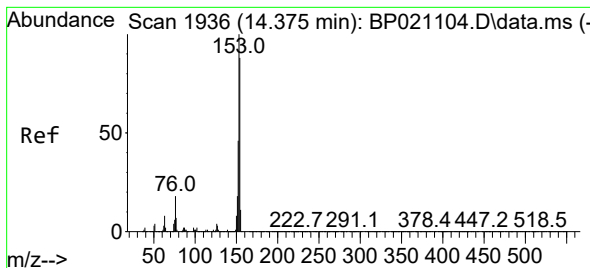
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
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Quant Time: Jul 24 22:54:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
Response via : Initial Calibration





#52

Acenaphthene

Concen: 1.435 ng/ul

RT: 14.351 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

Instrument :

BNA_P

ClientSampleId :

A4C04DL

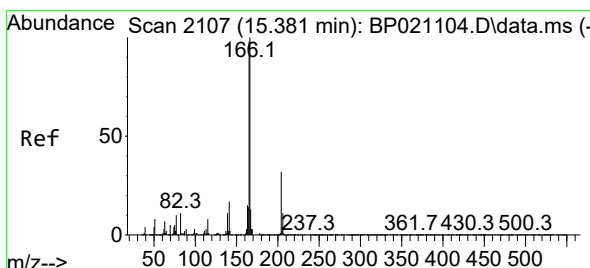
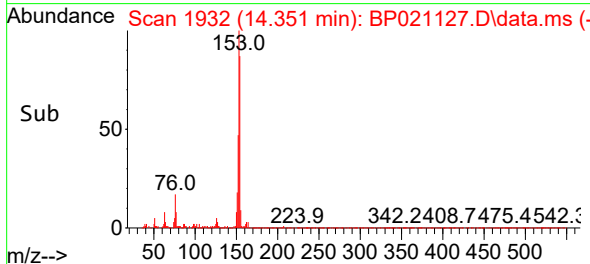
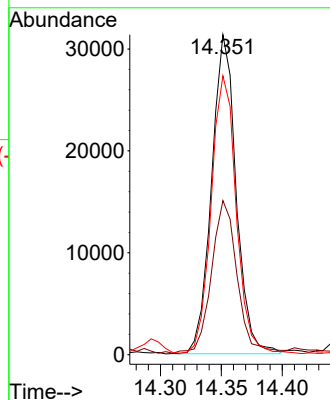
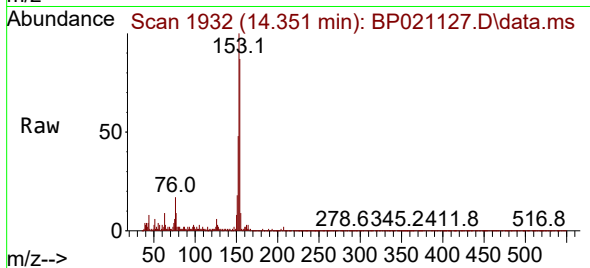
Tgt Ion:153 Resp: 43947

Ion Ratio Lower Upper

153 100

152 48.1 37.8 56.6

154 87.1 71.8 107.6



#61

Fluorene

Concen: 1.653 ng/ul

RT: 15.369 min Scan# 2105

Delta R.T. 0.012 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

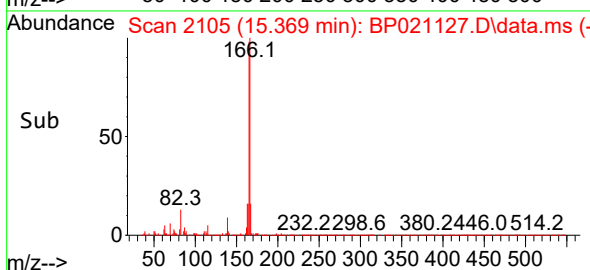
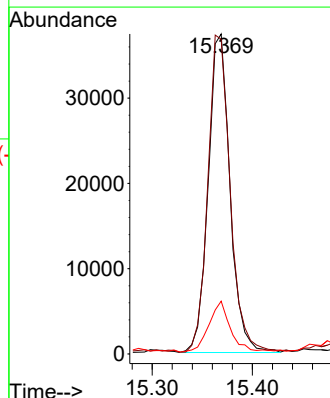
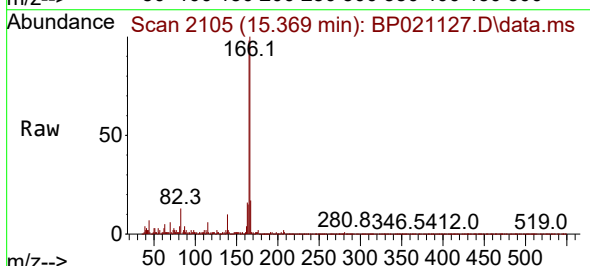
Tgt Ion:166 Resp: 56550

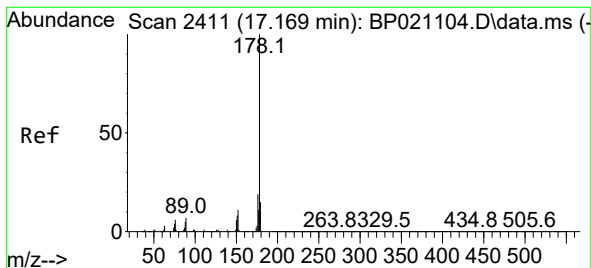
Ion Ratio Lower Upper

166 100

165 98.3 78.1 117.1

167 16.5 10.9 16.3#





#72

Phenanthrene

Concen: 18.460 ng/ul

RT: 17.151 min Scan# 2411

Delta R.T. 0.006 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

Instrument :

BNA_P

ClientSampleId :

A4C04DL

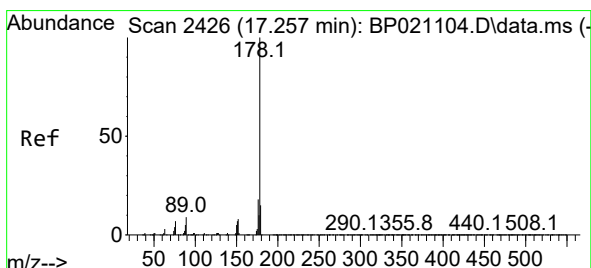
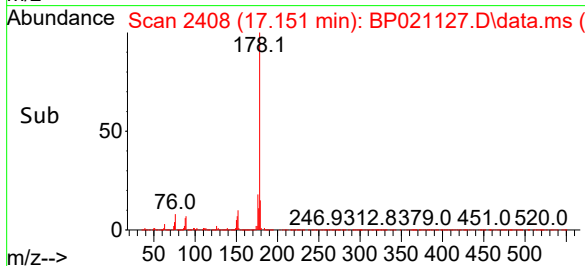
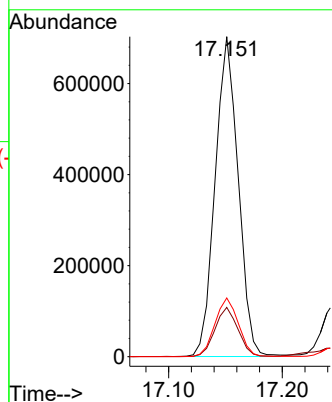
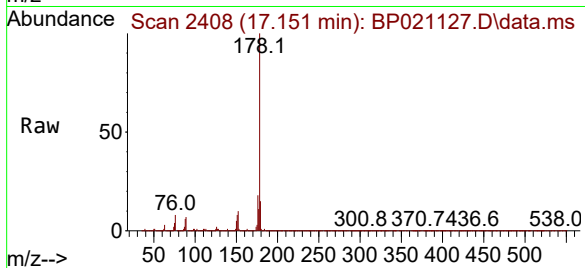
Tgt Ion:178 Resp: 990056

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 18.3 15.0 22.4



#74

Anthracene

Concen: 3.366 ng/ul

RT: 17.245 min Scan# 2424

Delta R.T. 0.006 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

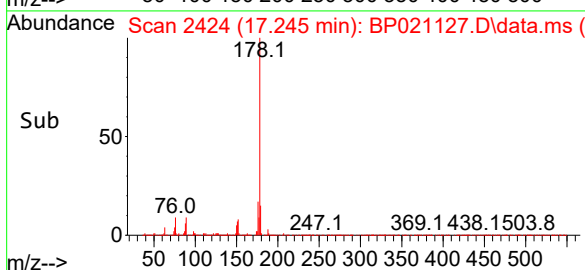
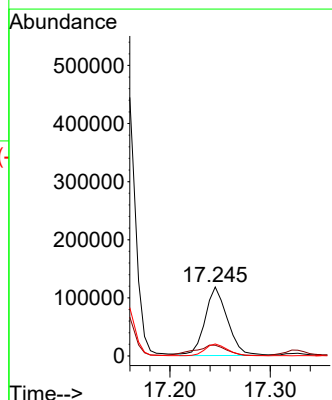
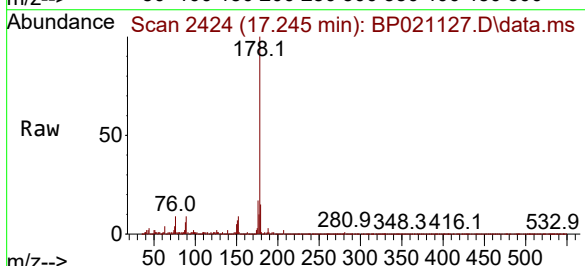
Tgt Ion:178 Resp: 184012

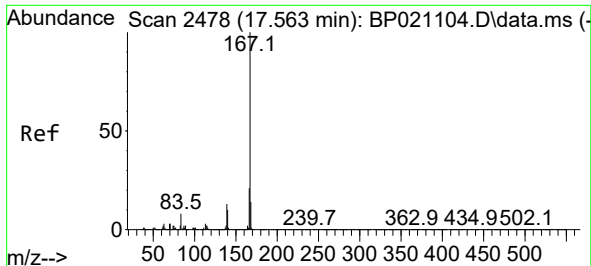
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 17.5 14.8 22.2

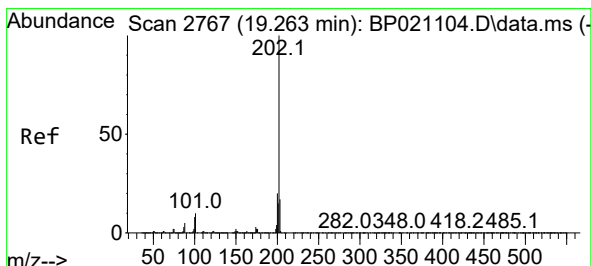
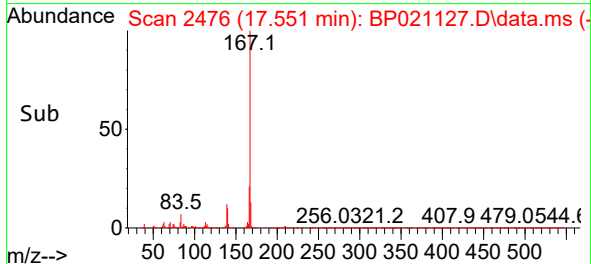
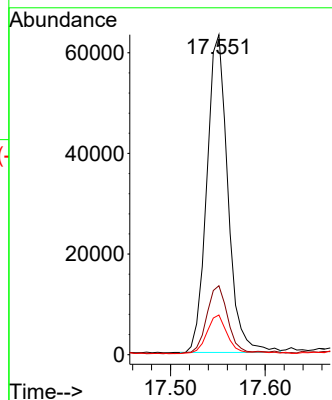
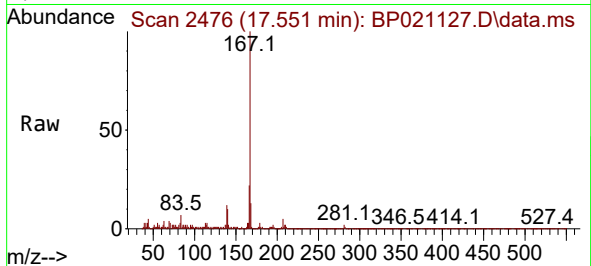




#77
 Carbazole
 Concen: 2.181 ng/ul
 RT: 17.551 min Scan# 2478
 Delta R.T. 0.012 min
 Lab File: BP021127.D
 Acq: 24 Jul 2024 14:17

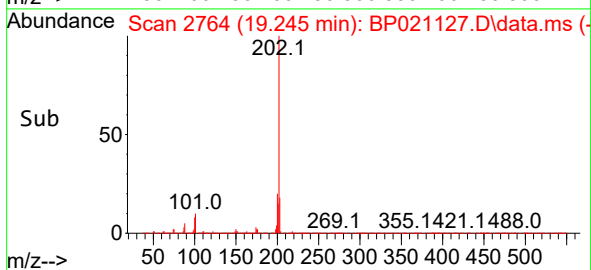
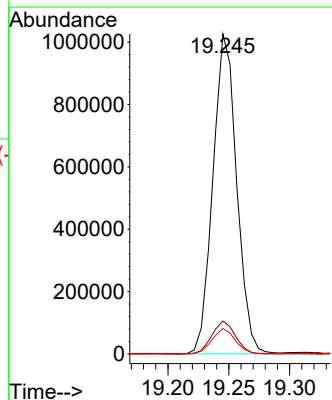
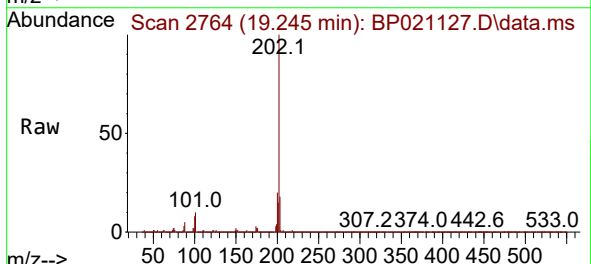
Instrument :
 BNA_P
 ClientSampleId :
 A4C04DL

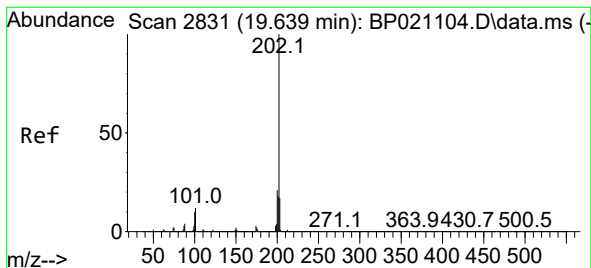
Tgt Ion:167	Resp:	97491
Ion Ratio	Lower	Upper
167	100	
166	21.6	17.3 25.9
139	12.4	10.2 15.2



#80
 Fluoranthene
 Concen: 23.283 ng/ul
 RT: 19.245 min Scan# 2764
 Delta R.T. -0.000 min
 Lab File: BP021127.D
 Acq: 24 Jul 2024 14:17

Tgt Ion:202	Resp:	1391555
Ion Ratio	Lower	Upper
202	100	
101	10.3	8.0 12.0
100	8.0	6.1 9.1





#82

Pyrene

Concen: 16.514 ng/ul

RT: 19.627 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

Instrument :

BNA_P

ClientSampleId :

A4C04DL

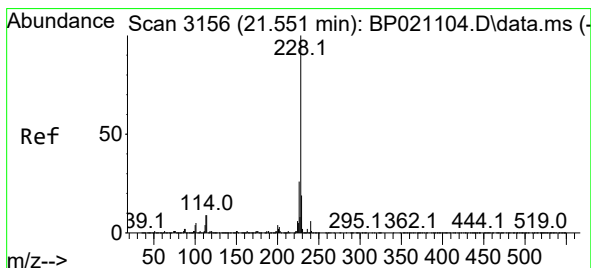
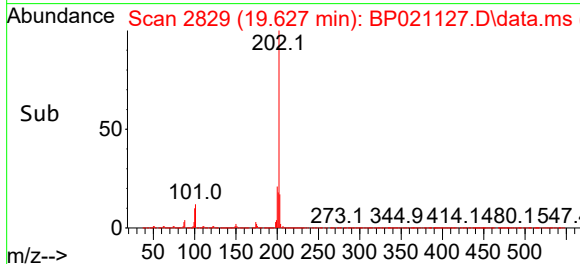
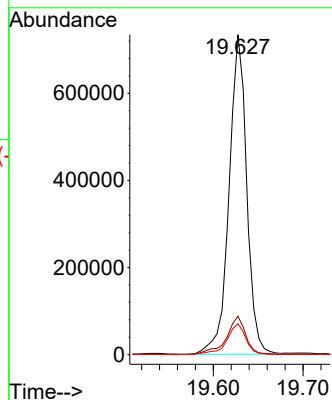
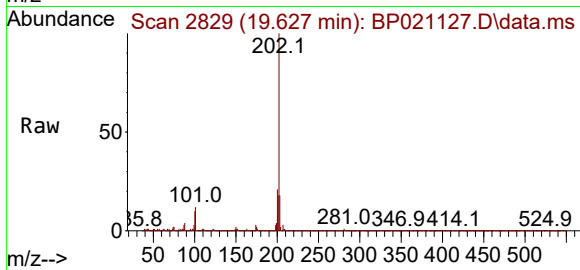
Tgt Ion:202 Resp: 1004363

Ion Ratio Lower Upper

202 100

101 12.0 9.4 14.2

100 9.7 7.8 11.6



#85

Benzo(a)anthracene

Concen: 9.364 ng/ul

RT: 21.533 min Scan# 3153

Delta R.T. -0.000 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

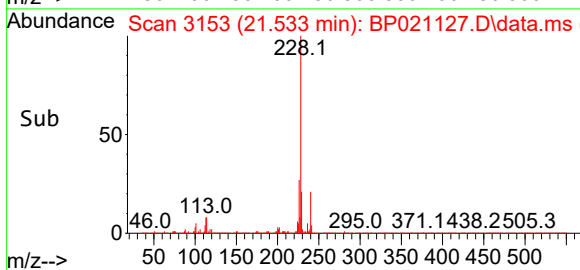
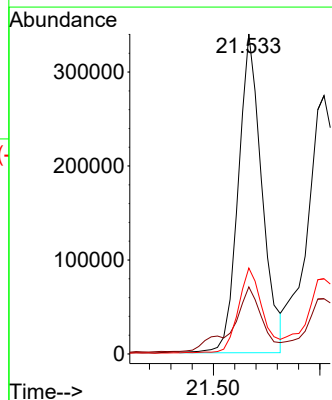
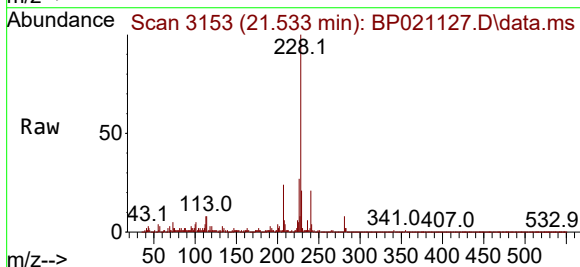
Tgt Ion:228 Resp: 525123

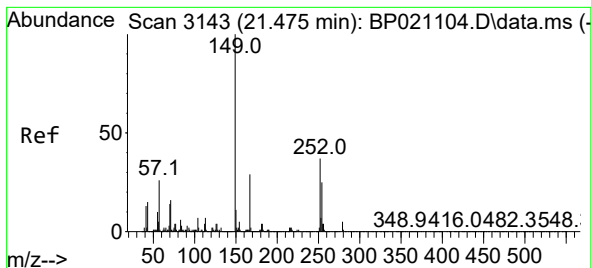
Ion Ratio Lower Upper

228 100

229 20.9 15.5 23.3

226 26.9 21.4 32.2

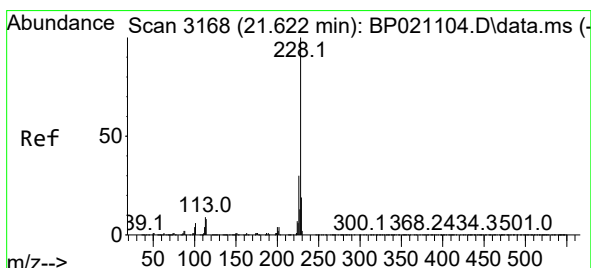
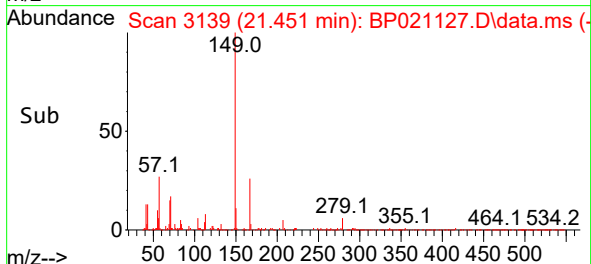
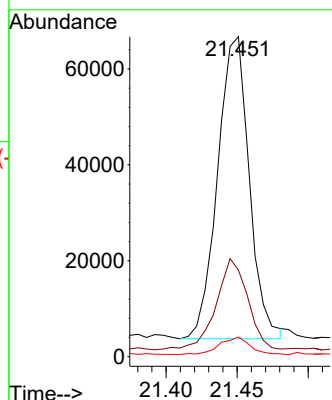
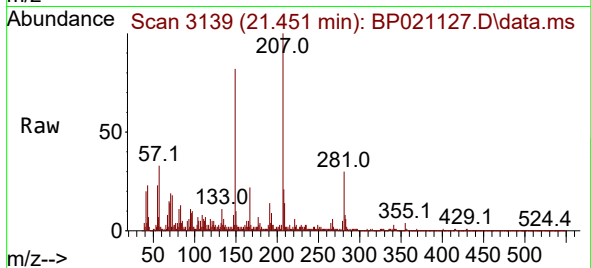




#86
Bis(2-ethylhexyl)phthalate
Concen: 2.677 ng/ul
RT: 21.451 min Scan# 3143
Delta R.T. -0.000 min
Lab File: BP021127.D
Acq: 24 Jul 2024 14:17

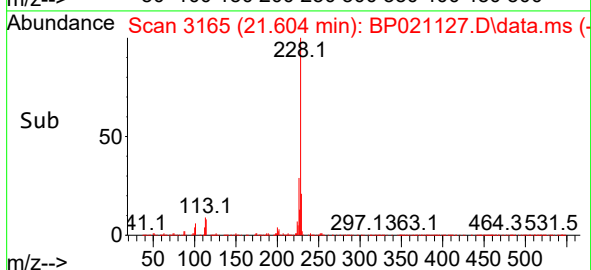
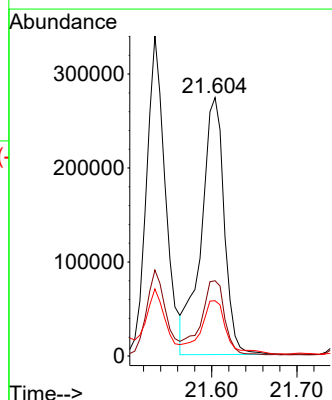
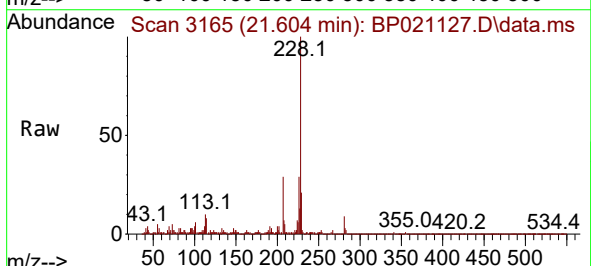
Instrument :
BNA_P
ClientSampleId :
A4C04DL

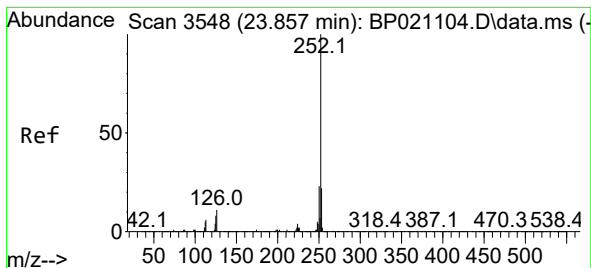
Tgt Ion:149 Resp: 97605
Ion Ratio Lower Upper
149 100
167 27.1 22.1 33.1
279 6.2 3.7 5.5#



#87
Chrysene
Concen: 9.882 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BP021127.D
Acq: 24 Jul 2024 14:17

Tgt Ion:228 Resp: 514938
Ion Ratio Lower Upper
228 100
226 29.1 23.6 35.4
229 21.3 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 10.657 ng/ul

RT: 23.821 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

Instrument :

BNA_P

ClientSampleId :

A4C04DL

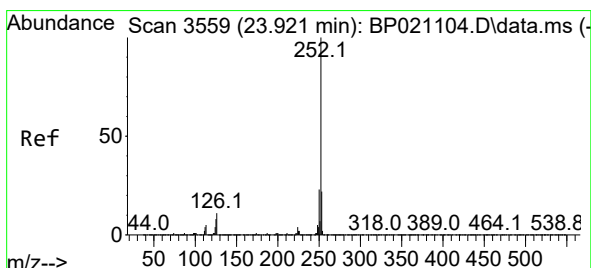
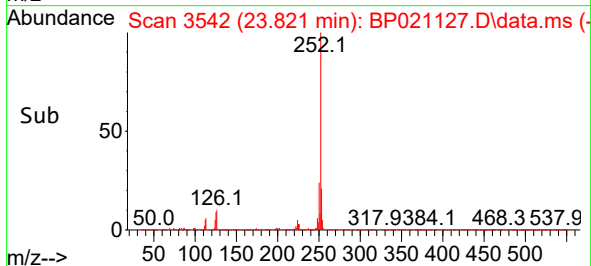
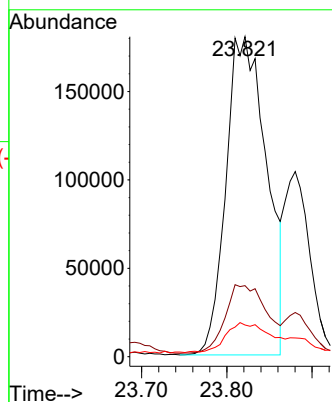
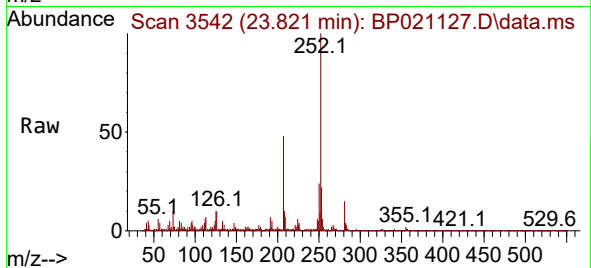
Tgt Ion:252 Resp: 596455

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 9.9 7.0 10.4



#91

Benzo(k)fluoranthene

Concen: 3.761 ng/ul

RT: 23.880 min Scan# 3552

Delta R.T. -0.006 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

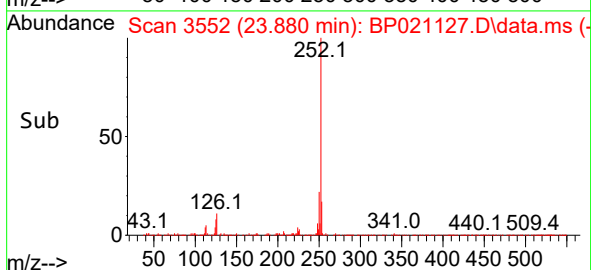
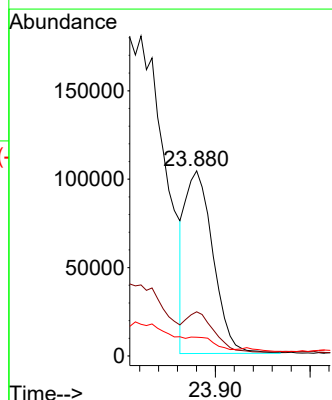
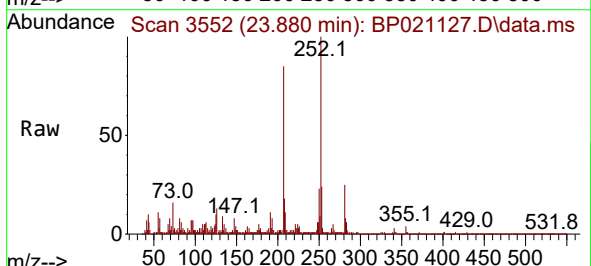
Tgt Ion:252 Resp: 210060

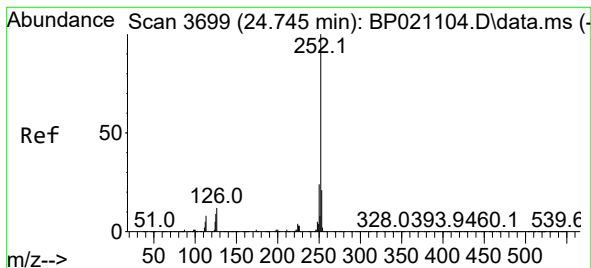
Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.2

125 10.1 7.4 11.0





#93

Benzo(a)pyrene

Concen: 4.879 ng/ul

RT: 24.710 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

Instrument :

BNA_P

ClientSampleId :

A4C04DL

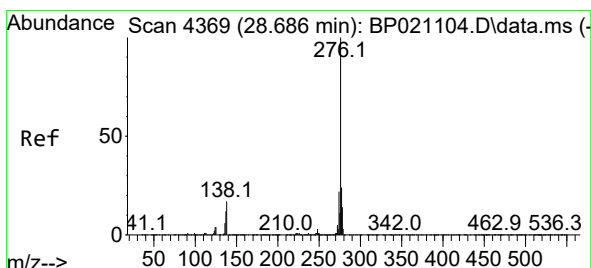
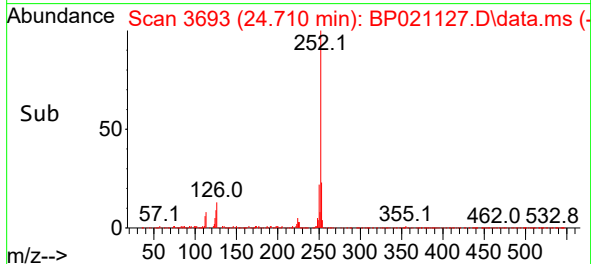
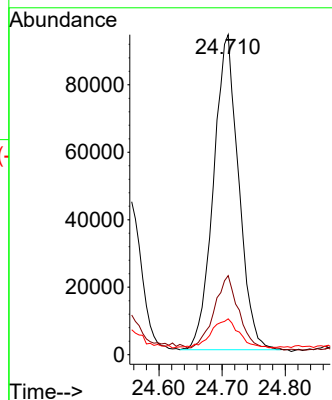
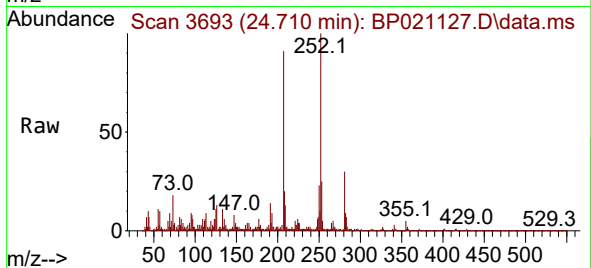
Tgt Ion:252 Resp: 258063

Ion Ratio Lower Upper

252 100

253 24.7 17.4 26.0

125 11.2 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.383 ng/ul

RT: 28.633 min Scan# 4360

Delta R.T. -0.006 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

Tgt Ion:276 Resp: 230549

Ion Ratio Lower Upper

276 100

138 23.1 14.3 21.5#

277 25.3 19.2 28.8

