

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031936.D
 Acq On : 12 Jun 2024 11:27
 Operator : MA/JU
 Sample : P2659-09DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 12 22:51:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

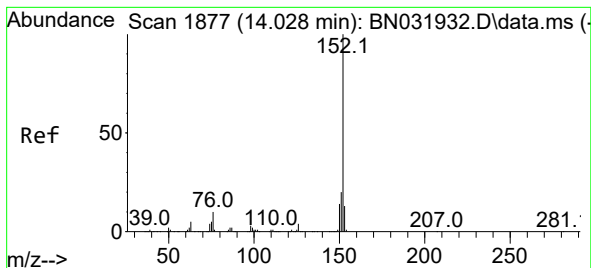
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	362156	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1659943	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	1104349	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	2273911	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1629659	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264	1545069	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	7078	0.809	ng/uL	0.00
4) Pyridine-d5	3.599	84	22225	0.902	ng/ul	0.02
7) Phenol-d5	6.834	99	142166	4.579	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	88818	4.891	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	117208	4.948	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	105898	4.184	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	59860	4.716	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	59072	4.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	114071	4.661	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	60176	1.656	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	386723	5.027	ng/ul	0.00
49) Acenaphthylene-d8	13.993	160	432337	4.887	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	43036	2.794	ng/ul	0.00
60) Fluorene-d10	15.298	176	332759	5.112	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	29636	2.593	ng/ul	0.00
73) Anthracene-d10	17.151	188	507098	5.209	ng/ul	0.00
81) Pyrene-d10	19.451	212	504889	5.790	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.016	264	260956	3.537	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.022	152	131197	1.312	ng/ul	97
61) Fluorene	15.351	166	80891	1.118	ng/ul	96
72) Phenanthrene	17.092	178	2290187	19.771	ng/ul	98
74) Anthracene	17.186	178	348695	2.971	ng/ul	99
77) Carbazole	17.463	167	139790	1.397	ng/ul	100
80) Fluoranthene	19.116	202	3561621	34.174	ng/ul	100
82) Pyrene	19.480	202	2547959	23.828	ng/ul	98
85) Benzo(a)anthracene	21.275	228	1324831	12.145	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.198	149	97439	1.324	ng/ul	97
87) Chrysene	21.275	228	1319119	12.947	ng/ul	97
90) Benzo(b)fluoranthene	23.292	252	1331643	14.419	ng/ul	97
91) Benzo(k)fluoranthene	23.351	252	462854	5.108	ng/ul	99
93) Benzo(a)pyrene	24.080	252	540394	6.248	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.504	276	469508	4.711	ng/ul	98
95) Dibenzo(a,h)anthracene	27.545	278	151438	1.861	ng/ul#	92

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

Quant Time: Jun 12 22:51:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.312 ng/ul

RT: 14.022 min Scan# 1876

Delta R.T. -0.006 min

Lab File: BN031936.D

Acq: 12 Jun 2024 11:27

Instrument :

BNA_N

ClientSampleId :

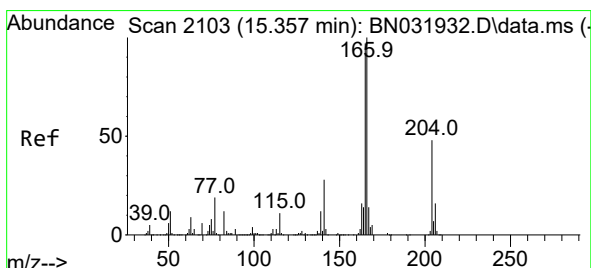
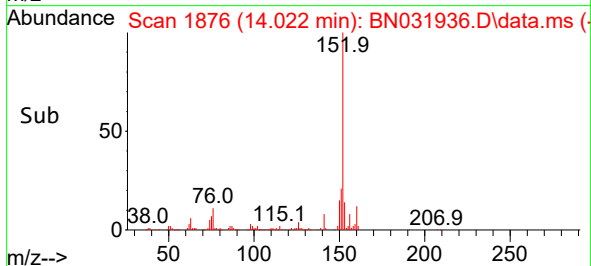
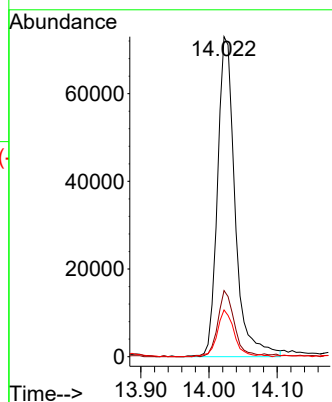
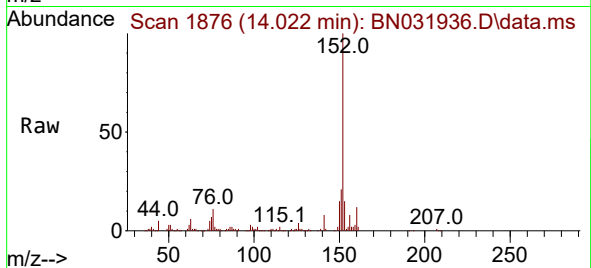
Tgt Ion:152 Resp: 131197

Ion Ratio Lower Upper

152 100

151 20.6 15.9 23.9

153 14.6 10.4 15.6



#61

Fluorene

Concen: 1.118 ng/ul

RT: 15.351 min Scan# 2102

Delta R.T. -0.006 min

Lab File: BN031936.D

Acq: 12 Jun 2024 11:27

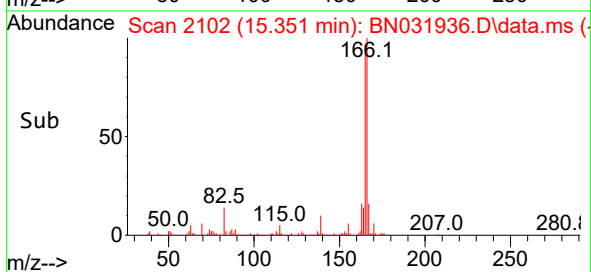
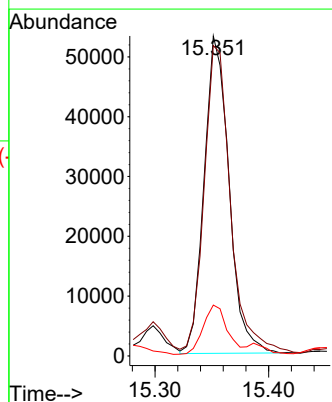
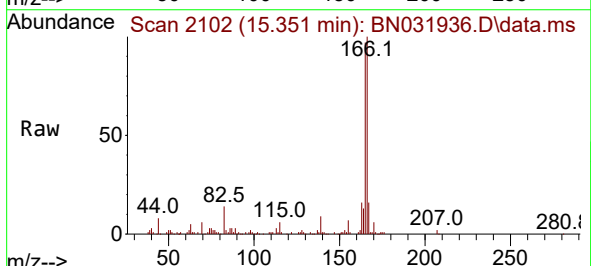
Tgt Ion:166 Resp: 80891

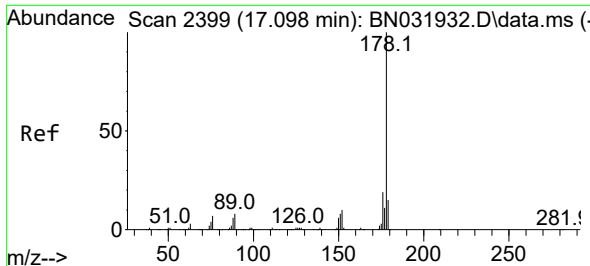
Ion Ratio Lower Upper

166 100

165 97.0 80.3 120.5

167 15.9 11.3 16.9

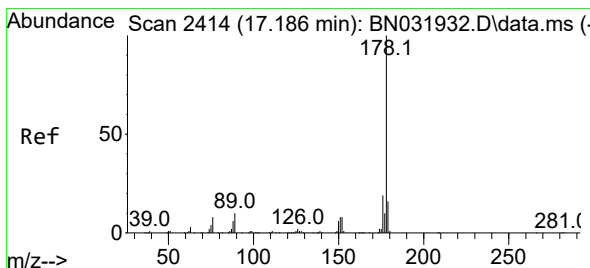
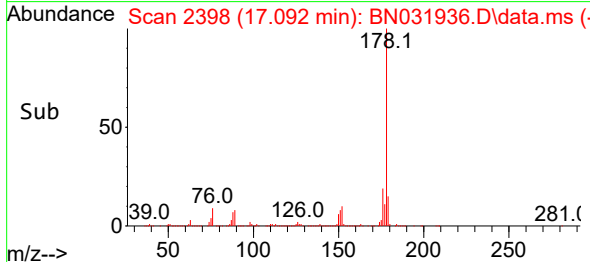
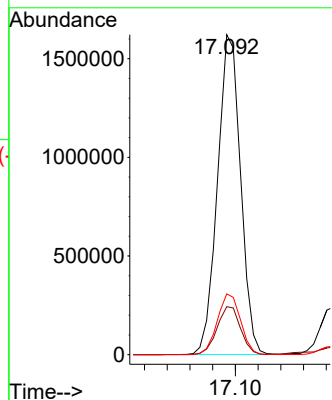
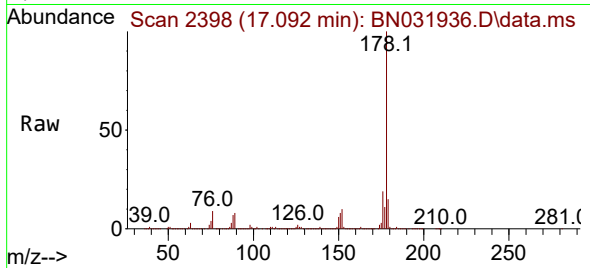




#72
Phenanthrene
Concen: 19.771 ng/ul
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031936.D
Acq: 12 Jun 2024 11:27

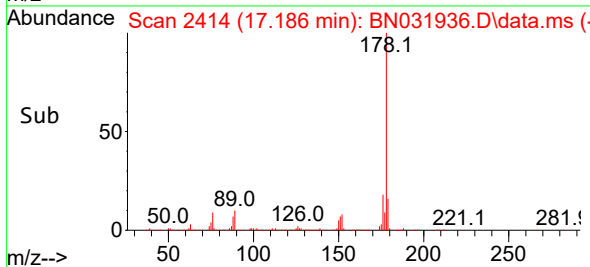
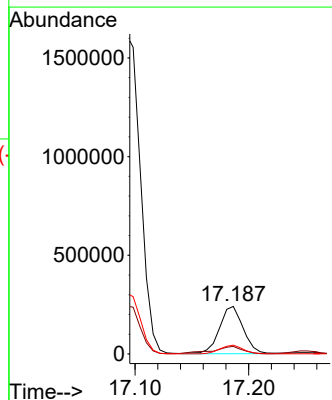
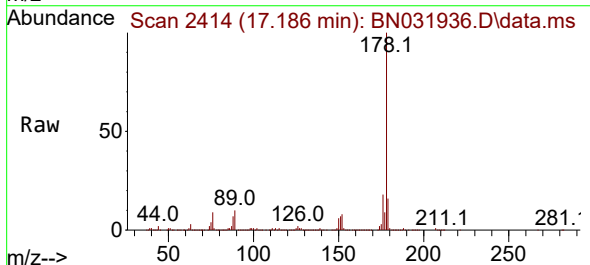
Instrument :
BNA_N
ClientSampleId :

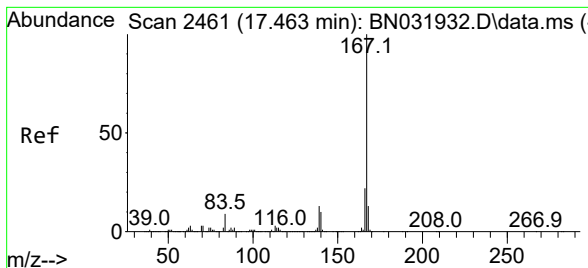
Tgt Ion:178 Resp: 2290187
Ion Ratio Lower Upper
178 100
179 15.0 12.6 19.0
176 19.0 15.8 23.6



#74
Anthracene
Concen: 2.971 ng/ul
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN031936.D
Acq: 12 Jun 2024 11:27

Tgt Ion:178 Resp: 348695
Ion Ratio Lower Upper
178 100
179 16.0 11.8 17.6
176 18.4 14.8 22.2





#77

Carbazole

Concen: 1.397 ng/ul

RT: 17.463 min Scan# 2461

Delta R.T. 0.000 min

Lab File: BN031936.D

Acq: 12 Jun 2024 11:27

Instrument :

BNA_N

ClientSampleId :

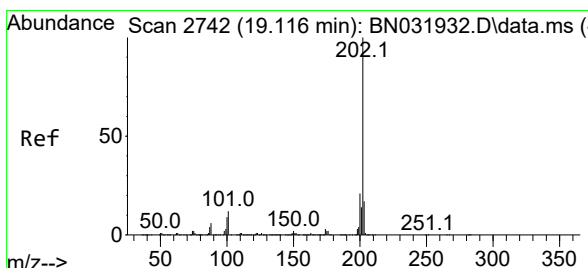
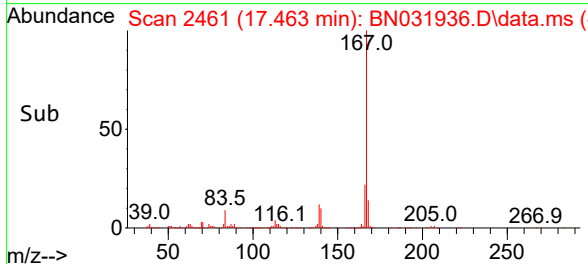
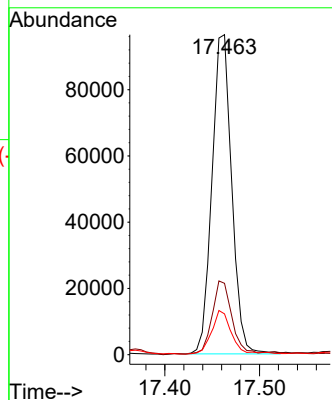
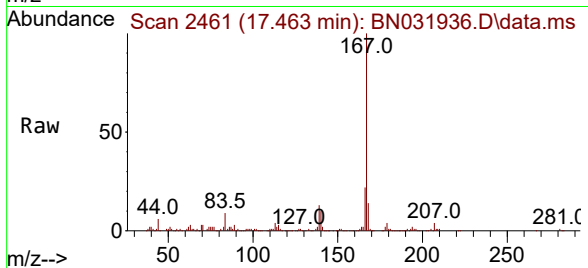
Tgt Ion:167 Resp: 139790

Ion Ratio Lower Upper

167 100

166 22.3 17.9 26.9

139 12.8 10.5 15.7



#80

Fluoranthene

Concen: 34.174 ng/ul

RT: 19.116 min Scan# 2742

Delta R.T. 0.000 min

Lab File: BN031936.D

Acq: 12 Jun 2024 11:27

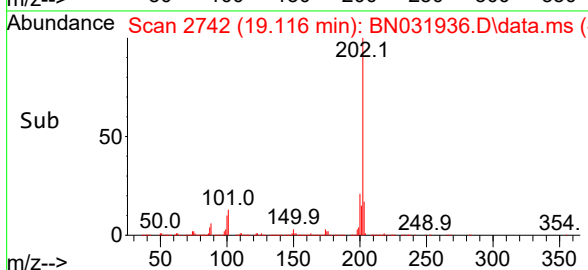
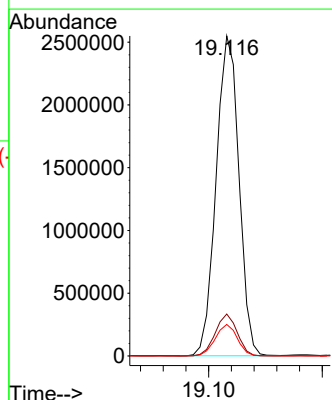
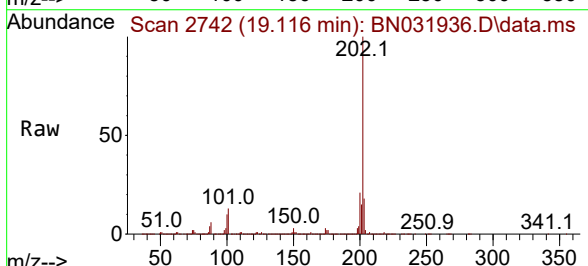
Tgt Ion:202 Resp: 3561621

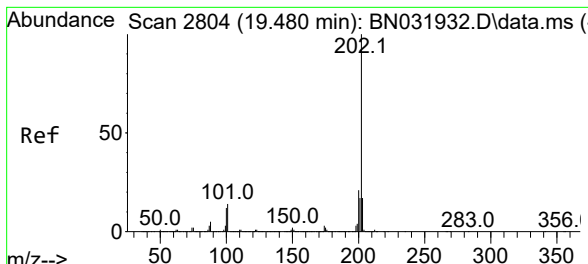
Ion Ratio Lower Upper

202 100

101 13.1 10.3 15.5

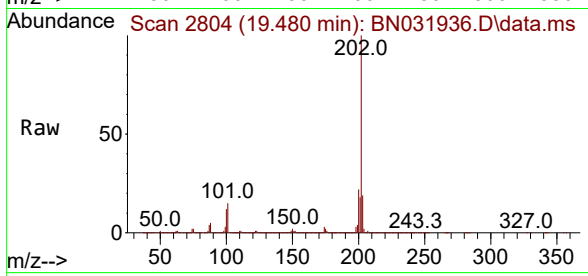
100 9.9 8.0 12.0





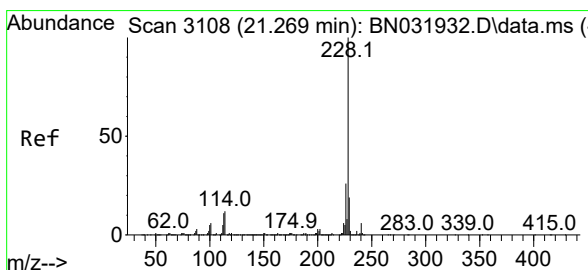
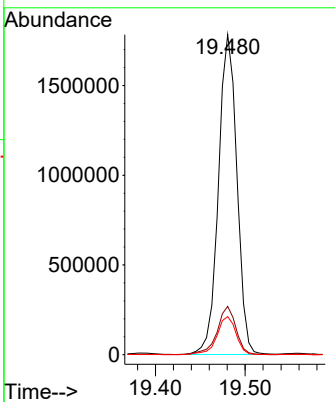
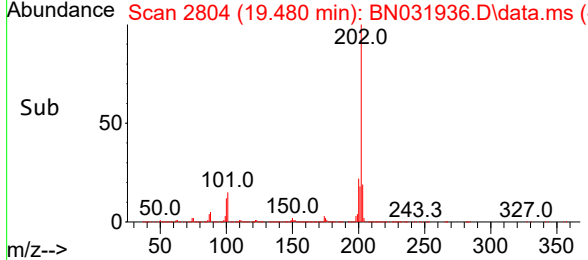
#82
 Pyrene
 Concen: 23.828 ng/ul
 RT: 19.480 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN031936.D
 Acq: 12 Jun 2024 11:27

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 202 Resp: 2547959

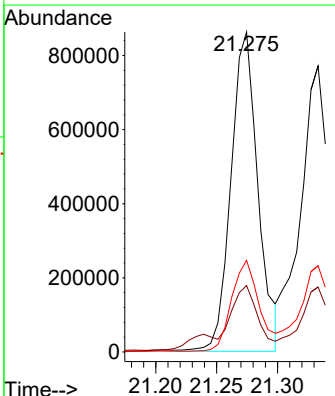
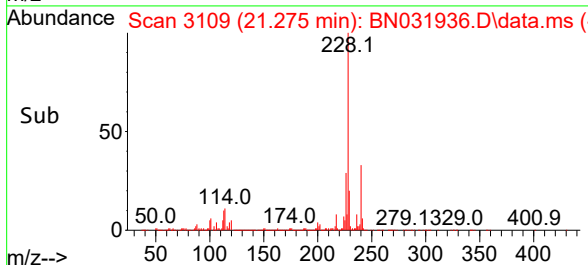
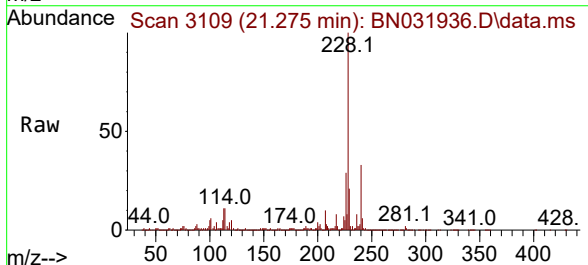
Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.6	18.8
100	11.9	10.2	15.2

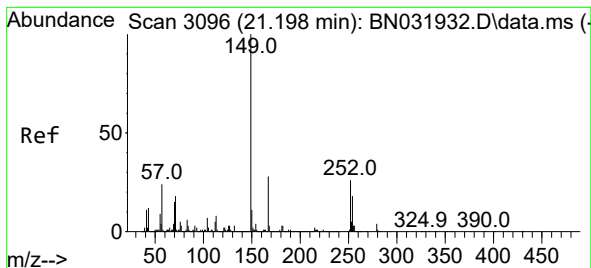


#85
 Benzo(a)anthracene
 Concen: 12.145 ng/ul
 RT: 21.275 min Scan# 3109
 Delta R.T. 0.000 min
 Lab File: BN031936.D
 Acq: 12 Jun 2024 11:27

Tgt Ion: 228 Resp: 1324831

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.7	25.1
226	28.6	22.8	34.2

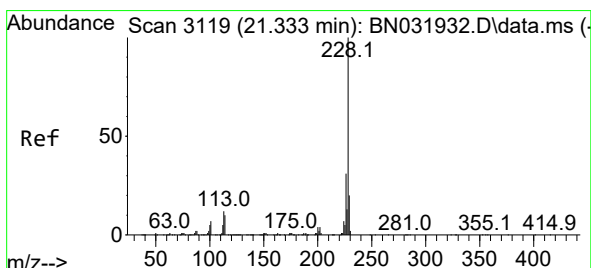
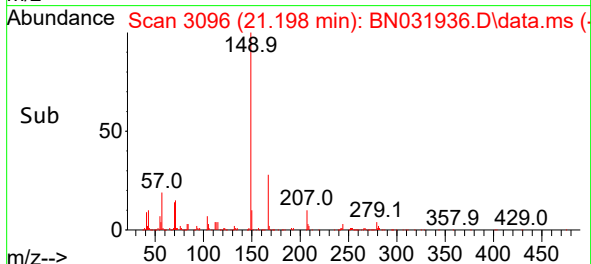
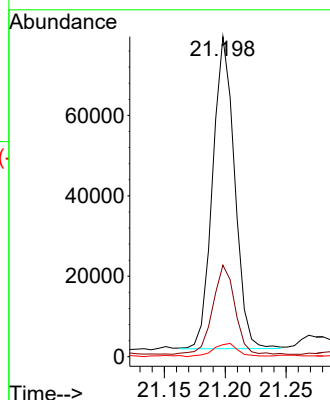
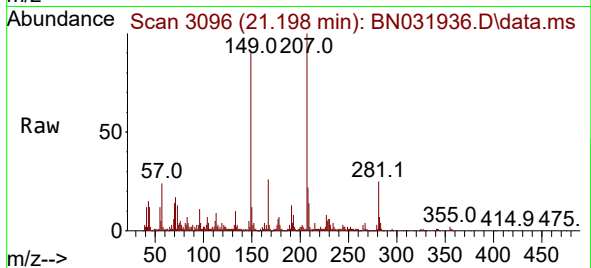




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.324 ng/ul
 RT: 21.198 min Scan# 3096
 Delta R.T. -0.006 min
 Lab File: BN031936.D
 Acq: 12 Jun 2024 11:27

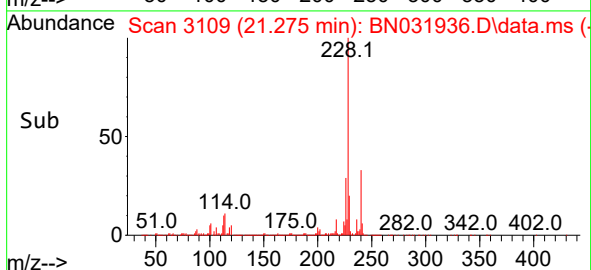
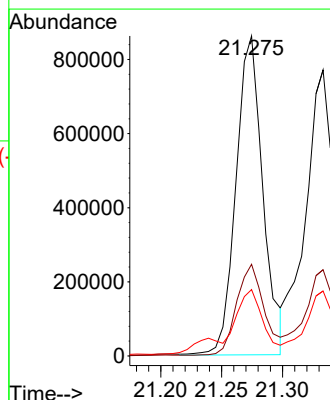
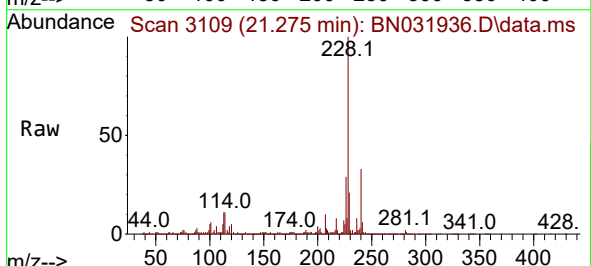
Instrument :
 BNA_N
 ClientSampleId :

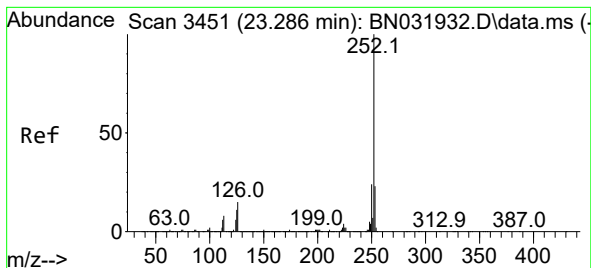
Tgt Ion:	149	Resp:	97439
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.4	32.0
279	3.7	3.3	4.9



#87
 Chrysene
 Concen: 12.947 ng/ul
 RT: 21.275 min Scan# 3109
 Delta R.T. -0.059 min
 Lab File: BN031936.D
 Acq: 12 Jun 2024 11:27

Tgt Ion:	228	Resp:	1319119
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.7	35.5
229	20.8	15.1	22.7





#90

Benzo(b)fluoranthene

Concen: 14.419 ng/ul

RT: 23.292 min Scan# 3451

Delta R.T. 0.000 min

Lab File: BN031936.D

Acq: 12 Jun 2024 11:27

Instrument :

BNA_N

ClientSampleId :

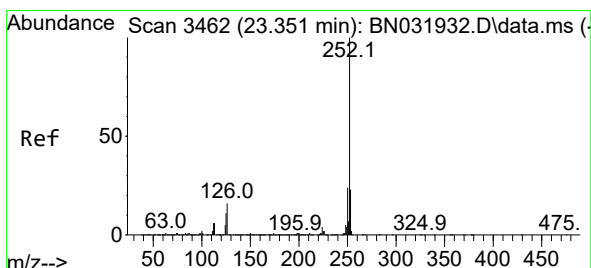
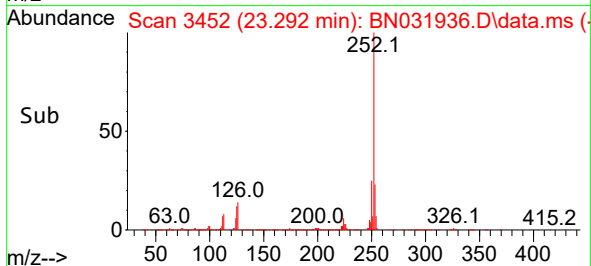
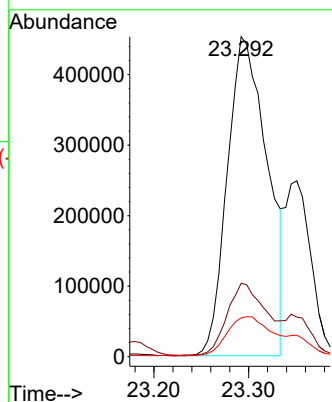
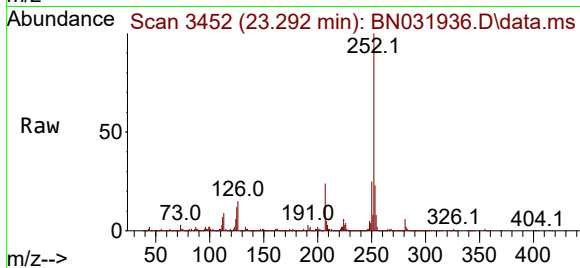
Tgt Ion:252 Resp: 1331643

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

125 12.1 9.2 13.8



#91

Benzo(k)fluoranthene

Concen: 5.108 ng/ul

RT: 23.351 min Scan# 3462

Delta R.T. 0.000 min

Lab File: BN031936.D

Acq: 12 Jun 2024 11:27

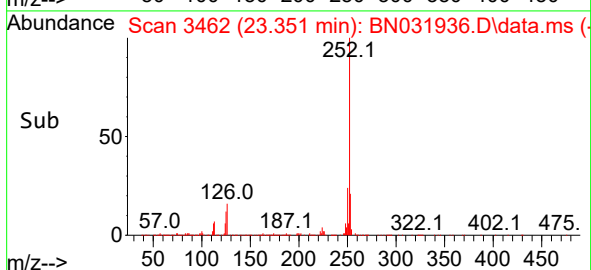
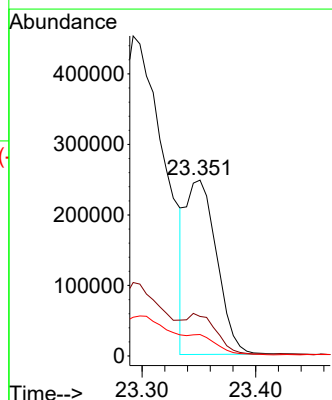
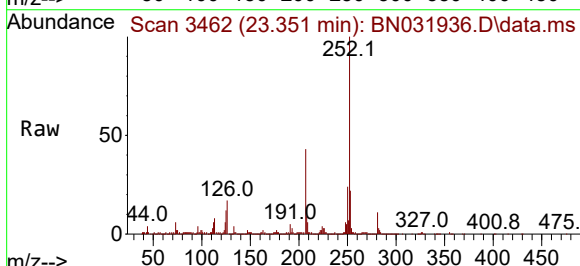
Tgt Ion:252 Resp: 462854

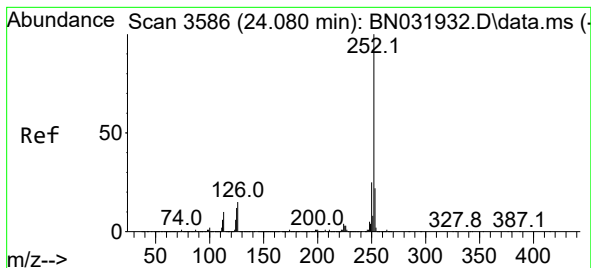
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 12.2 9.4 14.2





#93

Benzo(a)pyrene

Concen: 6.248 ng/ul

RT: 24.080 min Scan# 3586

Delta R.T. 0.000 min

Lab File: BN031936.D

Acq: 12 Jun 2024 11:27

Instrument :

BNA_N

ClientSampleId :

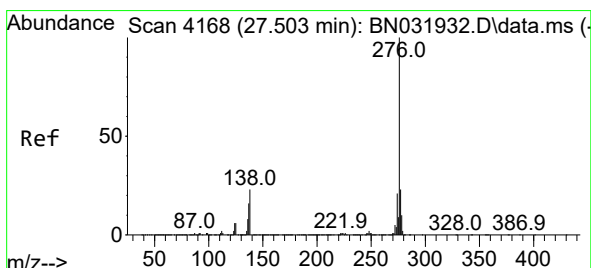
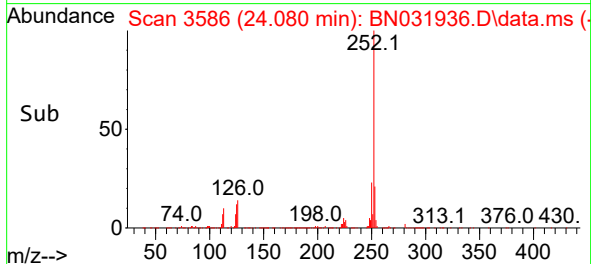
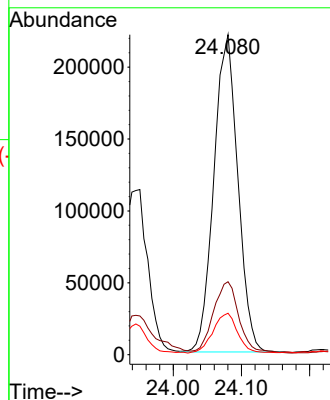
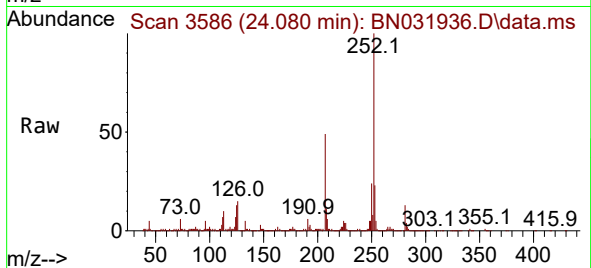
Tgt Ion:252 Resp: 540394

Ion Ratio Lower Upper

252 100

253 22.8 16.6 24.8

125 12.9 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.711 ng/ul

RT: 27.504 min Scan# 4168

Delta R.T. -0.012 min

Lab File: BN031936.D

Acq: 12 Jun 2024 11:27

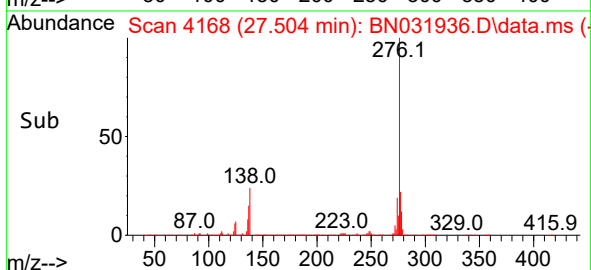
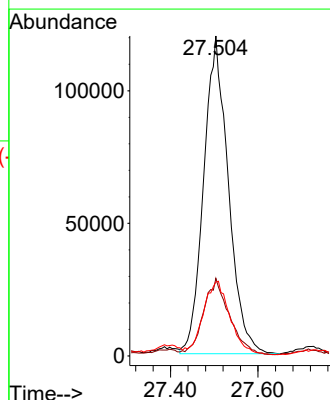
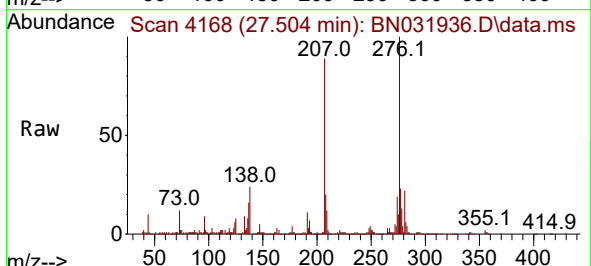
Tgt Ion:276 Resp: 469508

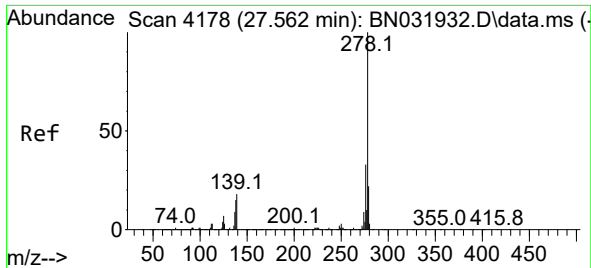
Ion Ratio Lower Upper

276 100

138 24.3 18.1 27.1

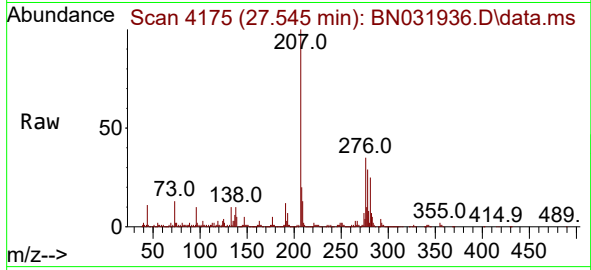
277 23.1 18.2 27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.861 ng/ul
 RT: 27.545 min Scan# 4175
 Delta R.T. -0.035 min
 Lab File: BN031936.D
 Acq: 12 Jun 2024 11:27

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 151438
 Ion Ratio Lower Upper
 278 100
 139 18.0 15.0 22.6
 279 28.2 17.4 26.0#

