

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031827.D
 Acq On : 06 Jun 2024 20:32
 Operator : MA/JU
 Sample : P2634-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 06 23:40:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

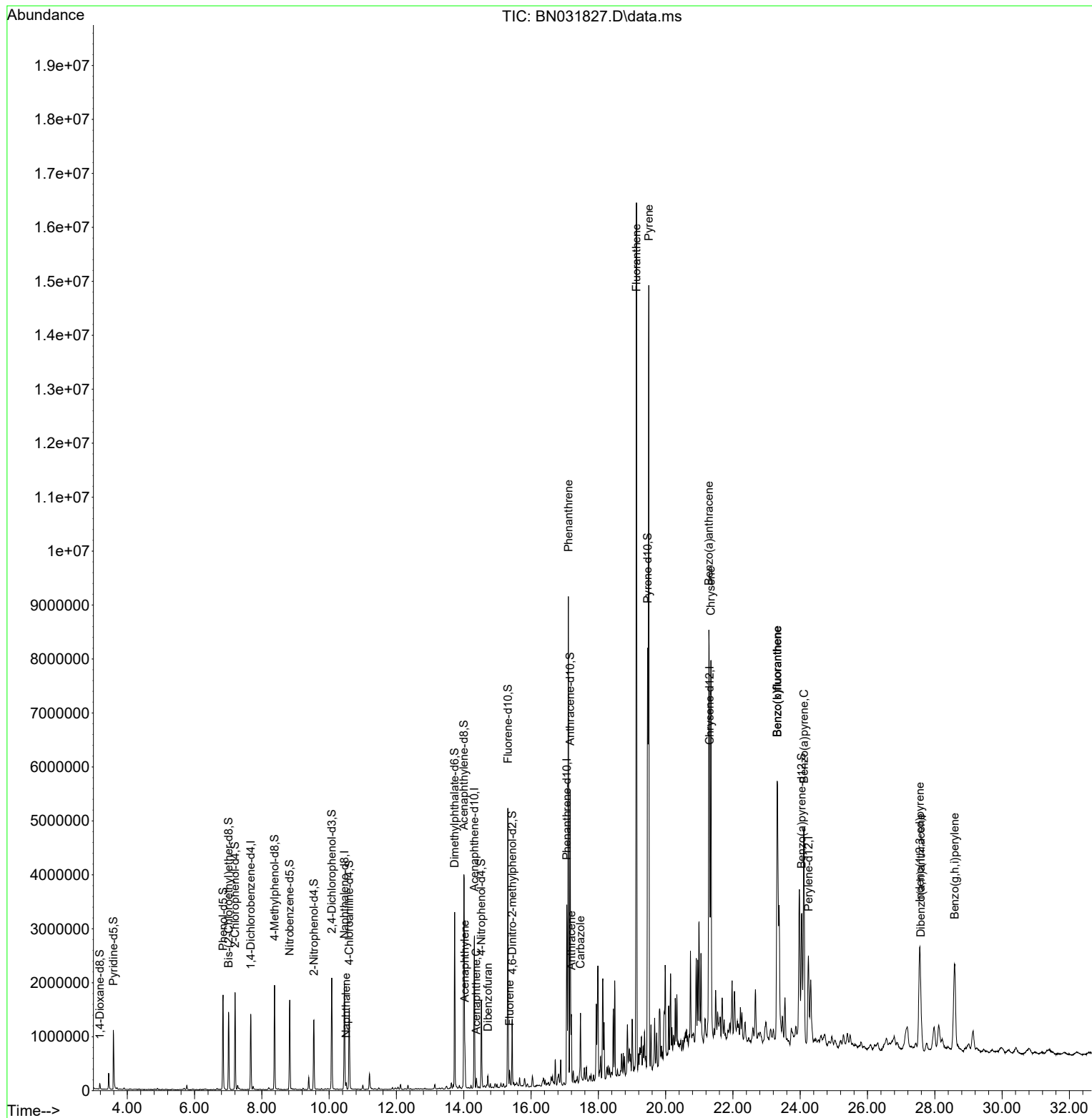
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	396509	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.452	136	1652994	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.316	164	1014642	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	2063472	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1242167	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1422275	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	55535	5.794	ng/uL	0.00
4) Pyridine-d5	3.587	84	646100	23.948	ng/ul	-0.01
7) Phenol-d5	6.846	99	1100389	32.372	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	617765	31.070	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	876387	33.790	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113	771755	27.853	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	436709	34.553	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	466783	35.753	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	798041	32.742	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.593	131	875776	24.200	ng/ul	-0.02
46) Dimethylphthalate-d6	13.728	166	2216373	31.355	ng/ul	-0.02
49) Acenaphthylene-d8	14.004	160	2754668	33.892	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.522	143	412370	29.137	ng/ul	0.00
60) Fluorene-d10	15.310	176	1953744	32.666	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	271723	26.198	ng/ul	0.00
73) Anthracene-d10	17.163	188	3024670	34.238	ng/ul	0.00
81) Pyrene-d10	19.463	212	2969177	44.669	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264	2233567	32.888	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.504	128	100338	1.173	ng/ul	98
50) Acenaphthylene	14.034	152	510627	5.559	ng/ul	99
52) Acenaphthene	14.375	153	74141	1.220	ng/ul	93
56) Dibenzofuran	14.716	168	101693	1.232	ng/ul	99
61) Fluorene	15.363	166	137773	2.072	ng/ul	98
72) Phenanthrene	17.110	178	5511352	52.431	ng/ul	99
74) Anthracene	17.198	178	809117	7.597	ng/ul	98
77) Carbazole	17.469	167	785642	8.650	ng/ul	98
80) Fluoranthene	19.133	202	10055601	126.582	ng/ul	100
82) Pyrene	19.498	202	9030753	110.800	ng/ul	99
85) Benzo(a)anthracene	21.286	228	4012873	48.264	ng/ul	97
87) Chrysene	21.345	228	4388753	56.511	ng/ul	96
90) Benzo(b)fluoranthene	23.316	252	5335050	62.756	ng/ul	96
91) Benzo(k)fluoranthene	23.316	252	5335050	63.954	ng/ul	97
93) Benzo(a)pyrene	24.110	252	3688357	46.323	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.557	276	2790768	30.417	ng/ul	97
95) Dibenzo(a,h)anthracene	27.580	278	711770	9.502	ng/ul#	93
96) Benzo(g,h,i)perylene	28.592	276	2743476	37.615	ng/ul	98

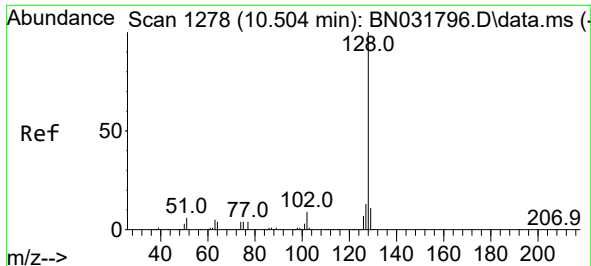
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
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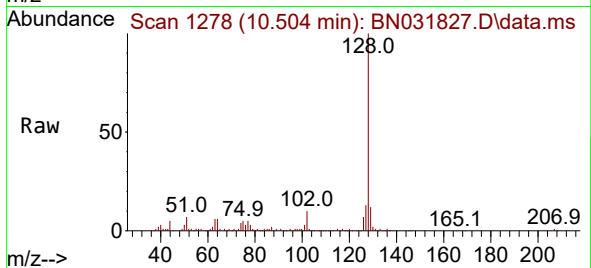
Quant Time: Jun 06 23:40:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
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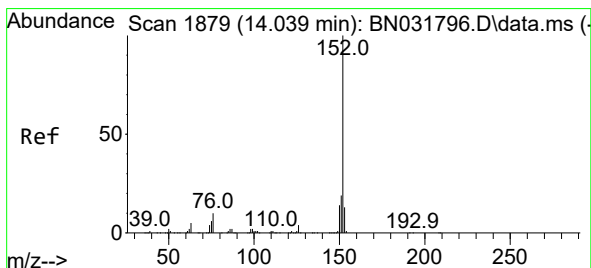
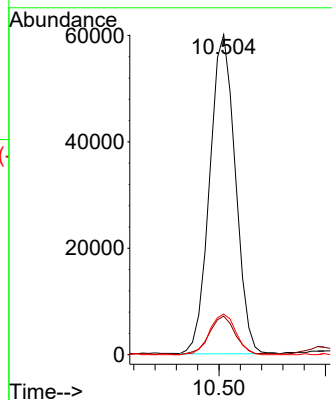
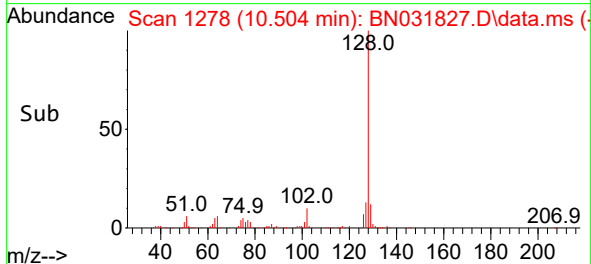


#30
Naphthalene
Concen: 1.173 ng/ul
RT: 10.504 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BN031827.D
Acq: 06 Jun 2024 20:32

Instrument :
BNA_N
ClientSampleId :

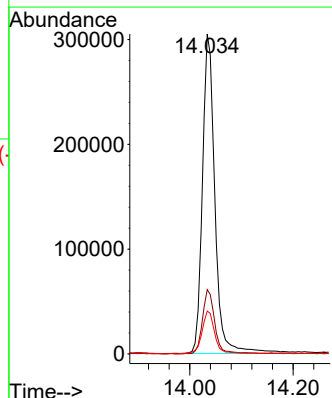
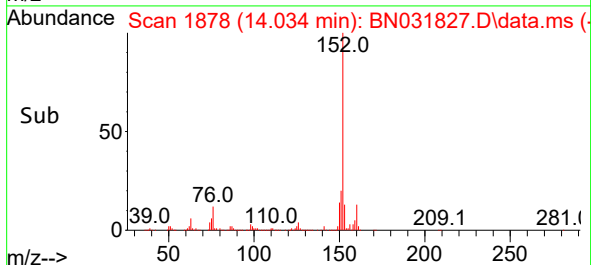
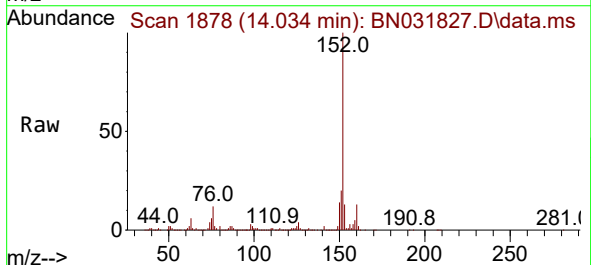


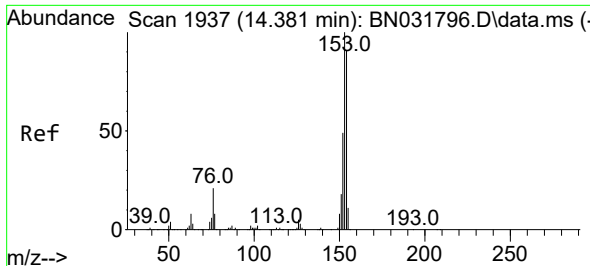
Tgt Ion:128 Resp: 100338
Ion Ratio Lower Upper
128 100
129 12.0 8.5 12.7
127 12.7 10.3 15.5



#50
Acenaphthylene
Concen: 5.559 ng/ul
RT: 14.034 min Scan# 1878
Delta R.T. -0.012 min
Lab File: BN031827.D
Acq: 06 Jun 2024 20:32

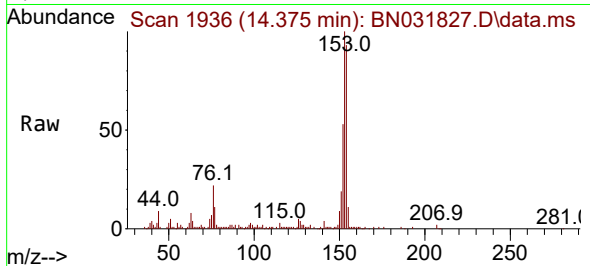
Tgt Ion:152 Resp: 510627
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.4 10.4 15.6



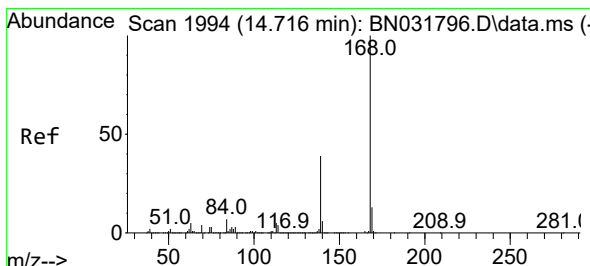
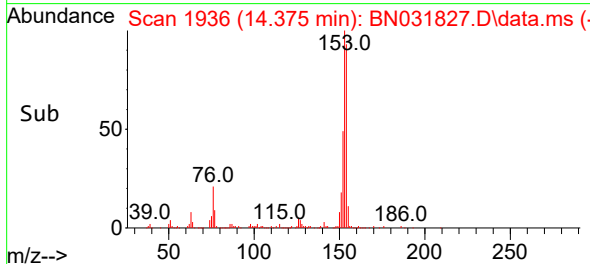
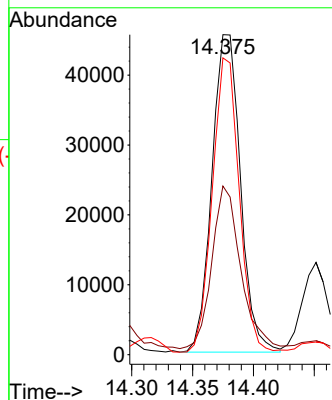


#52
Acenaphthene
Concen: 1.220 ng/ul
RT: 14.375 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BN031827.D
Acq: 06 Jun 2024 20:32

Instrument :
BNA_N
ClientSampleId :

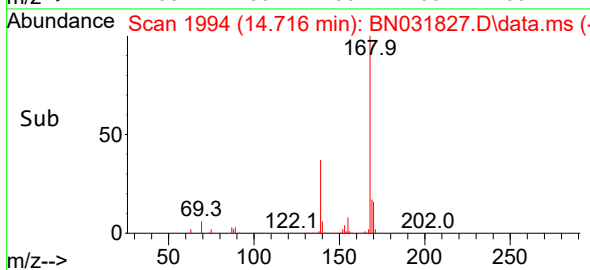
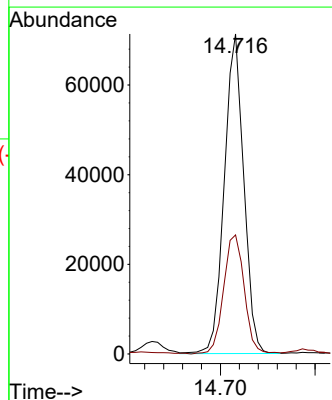
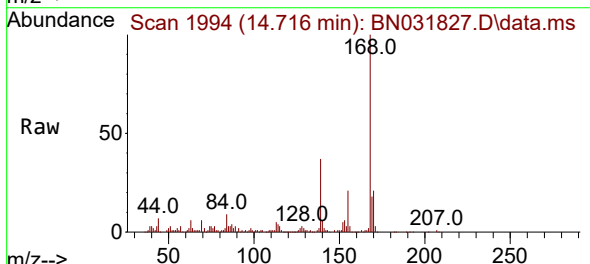


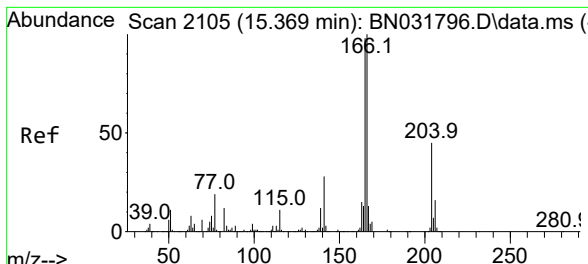
Tgt Ion:153 Resp: 74141
Ion Ratio Lower Upper
153 100
152 52.7 37.8 56.6
154 92.8 69.8 104.8



#56
Dibenzofuran
Concen: 1.232 ng/ul
RT: 14.716 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BN031827.D
Acq: 06 Jun 2024 20:32

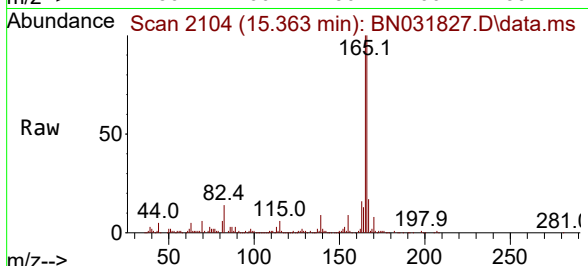
Tgt Ion:168 Resp: 101693
Ion Ratio Lower Upper
168 100
139 37.2 29.4 44.0



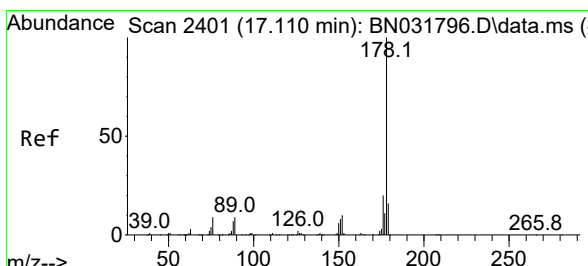
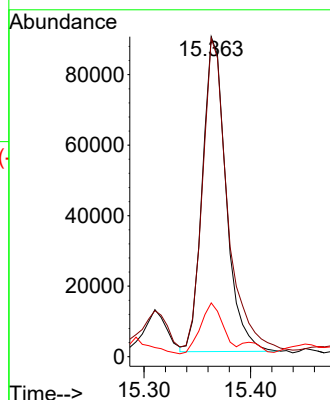
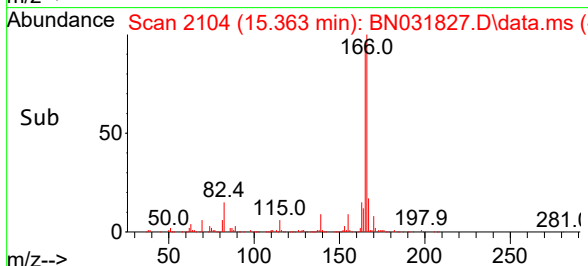


#61
Fluorene
Concen: 2.072 ng/ul
RT: 15.363 min Scan# 2105
Delta R.T. -0.012 min
Lab File: BN031827.D
Acq: 06 Jun 2024 20:32

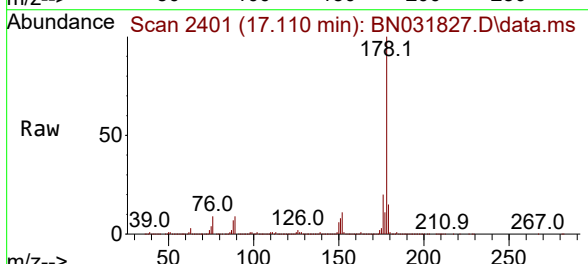
Instrument :
BNA_N
ClientSampleId :



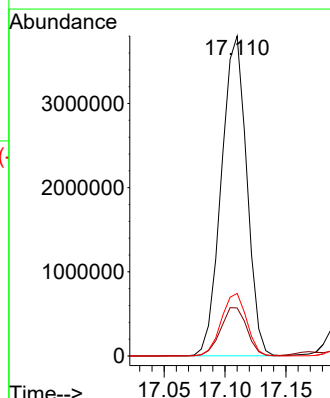
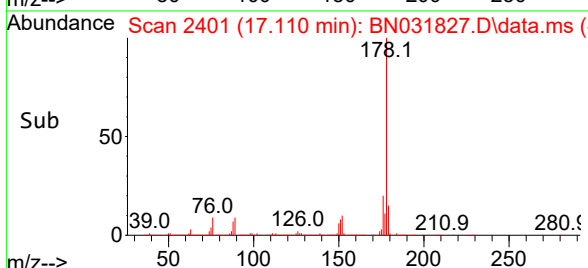
Tgt Ion:166 Resp: 137773
Ion Ratio Lower Upper
166 100
165 99.6 80.3 120.5
167 16.8 11.3 16.9

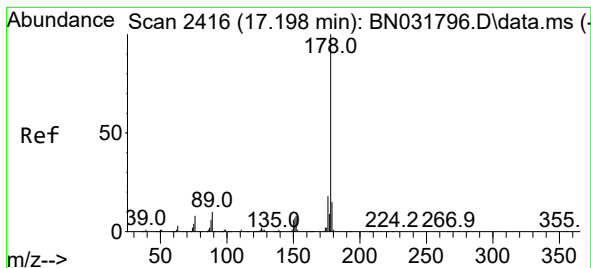


#72
Phenanthrene
Concen: 52.431 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031827.D
Acq: 06 Jun 2024 20:32



Tgt Ion:178 Resp: 5511352
Ion Ratio Lower Upper
178 100
179 15.0 12.6 19.0
176 19.6 15.8 23.6





#74

Anthracene

Concen: 7.597 ng/ul

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BN031827.D

Acq: 06 Jun 2024 20:32

Instrument :

BNA_N

ClientSampleId :

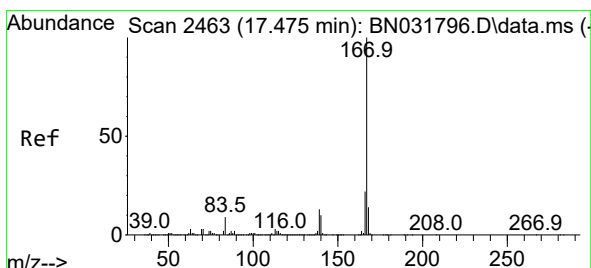
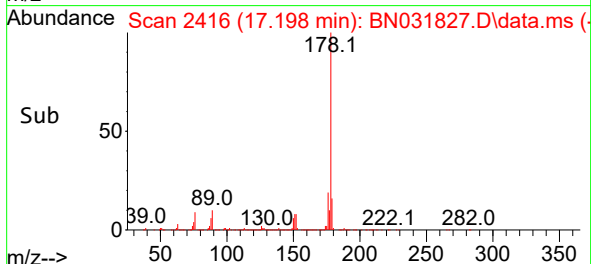
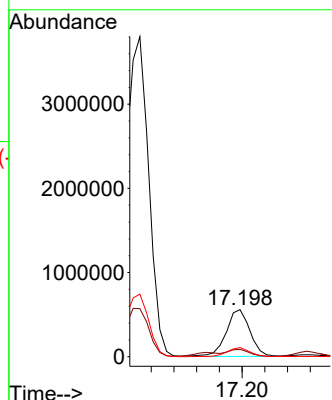
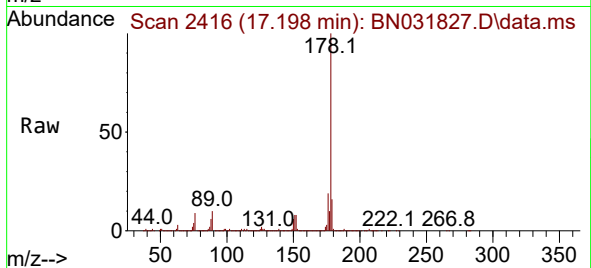
Tgt Ion:178 Resp: 809117

Ion Ratio Lower Upper

178 100

179 15.7 11.8 17.6

176 19.3 14.8 22.2



#77

Carbazole

Concen: 8.650 ng/ul

RT: 17.469 min Scan# 2462

Delta R.T. -0.006 min

Lab File: BN031827.D

Acq: 06 Jun 2024 20:32

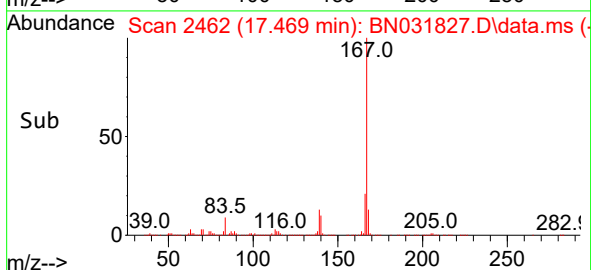
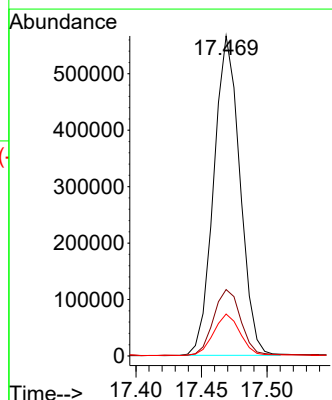
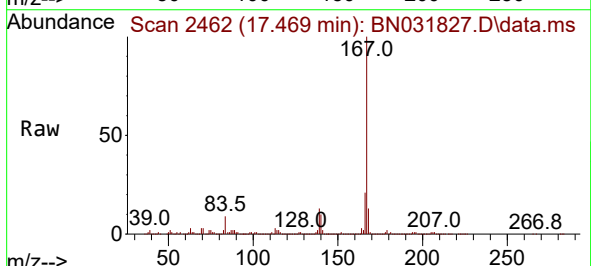
Tgt Ion:167 Resp: 785642

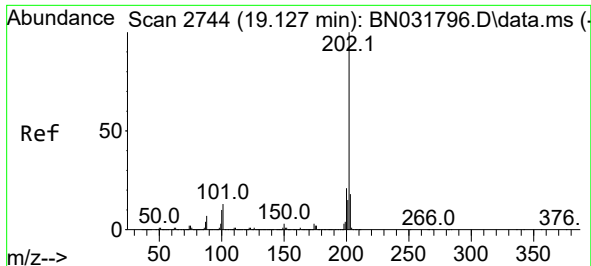
Ion Ratio Lower Upper

167 100

166 20.7 17.9 26.9

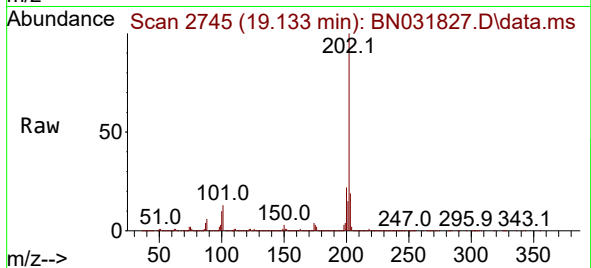
139 13.1 10.5 15.7



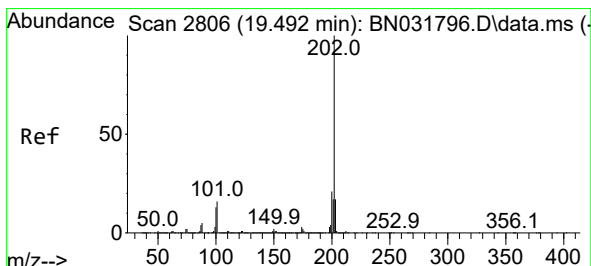
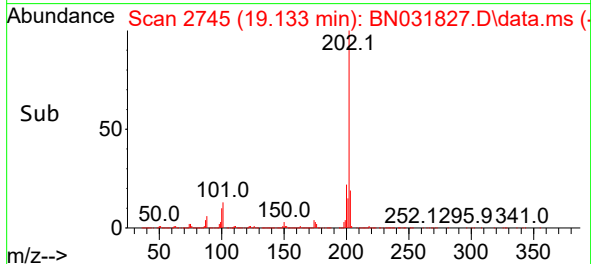
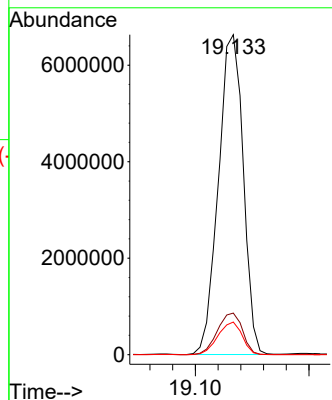


#80
Fluoranthene
Concen: 126.582 ng/ul
RT: 19.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031827.D
Acq: 06 Jun 2024 20:32

Instrument :
BNA_N
ClientSampleId :

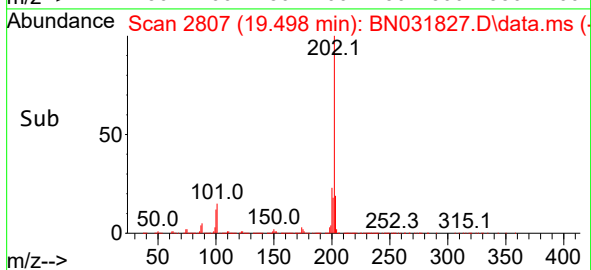
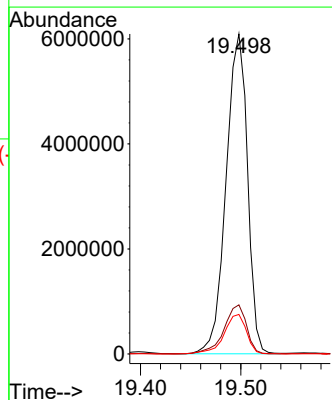
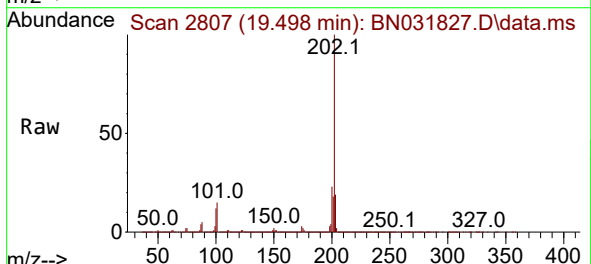


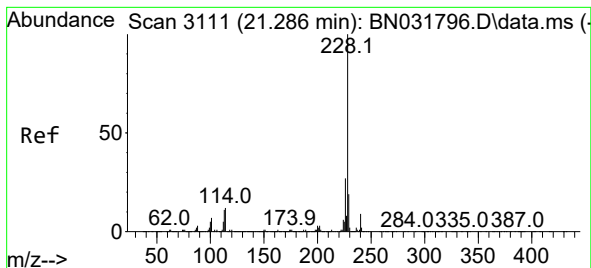
Tgt Ion:202 Resp:10055601
Ion Ratio Lower Upper
202 100
101 13.0 10.3 15.5
100 10.2 8.0 12.0



#82
Pyrene
Concen: 110.800 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031827.D
Acq: 06 Jun 2024 20:32

Tgt Ion:202 Resp: 9030753
Ion Ratio Lower Upper
202 100
101 15.4 12.6 18.8
100 12.3 10.2 15.2





#85

Benzo(a)anthracene

Concen: 48.264 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

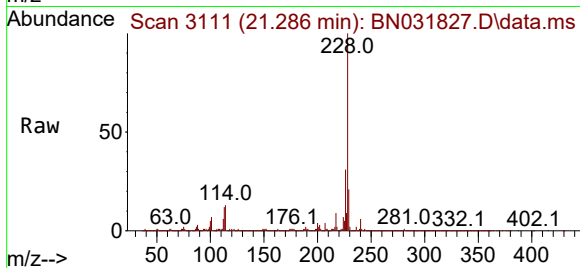
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Instrument :

BNA_N

ClientSampleId :



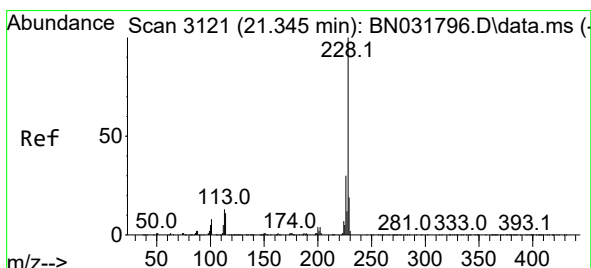
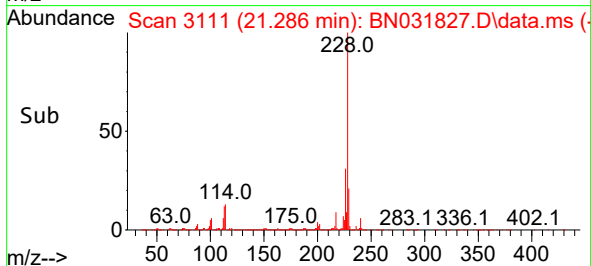
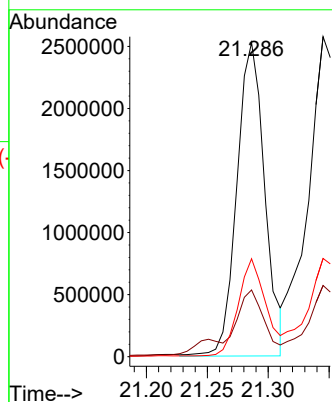
Tgt Ion:228 Resp: 4012873

Ion Ratio Lower Upper

228 100

229 21.2 16.7 25.1

226 31.2 22.8 34.2



#87

Chrysene

Concen: 56.511 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN031827.D

Acq: 06 Jun 2024 20:32

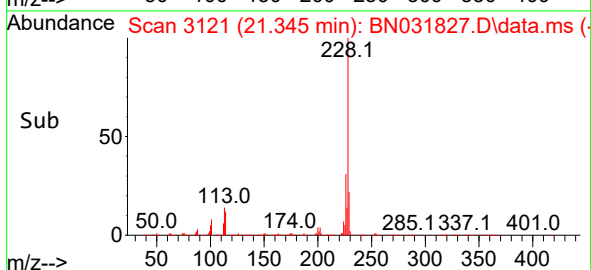
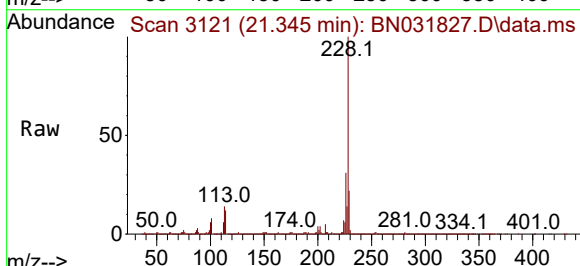
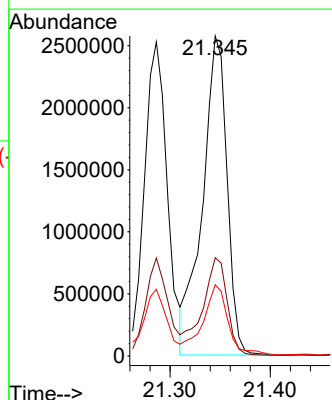
Tgt Ion:228 Resp: 4388753

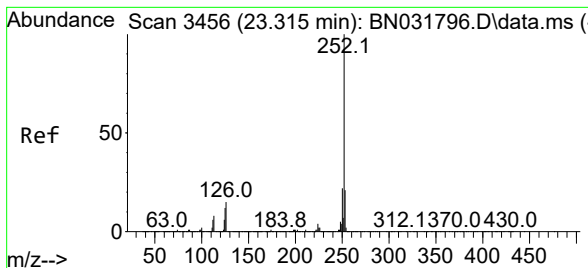
Ion Ratio Lower Upper

228 100

226 30.7 23.7 35.5

229 22.2 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 62.756 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031827.D

Acq: 06 Jun 2024 20:32

Instrument :

BNA_N

ClientSampleId :

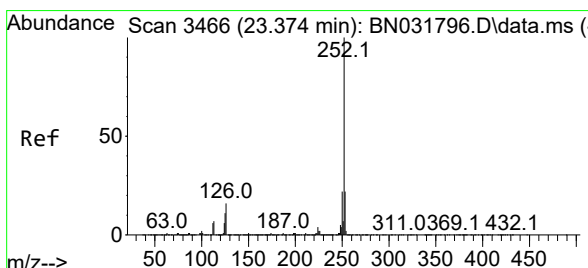
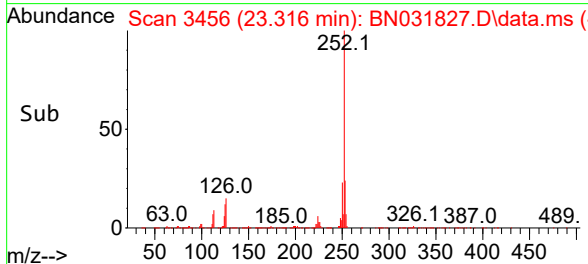
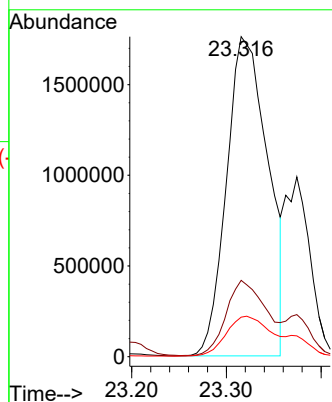
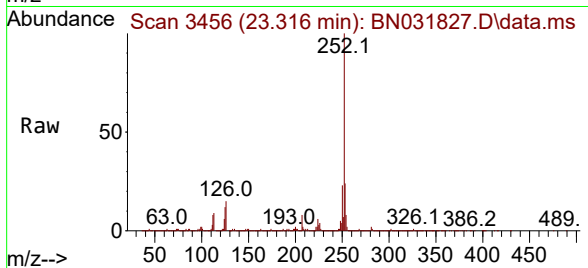
Tgt Ion:252 Resp: 5335050

Ion Ratio Lower Upper

252 100

253 23.9 17.0 25.6

125 12.4 9.2 13.8



#91

Benzo(k)fluoranthene

Concen: 63.954 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. -0.059 min

Lab File: BN031827.D

Acq: 06 Jun 2024 20:32

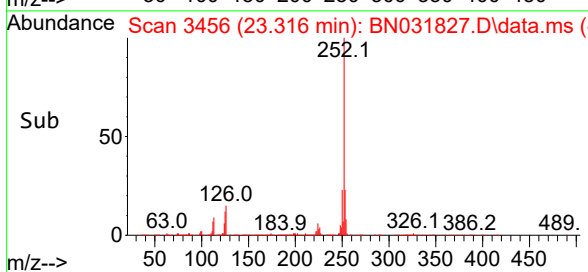
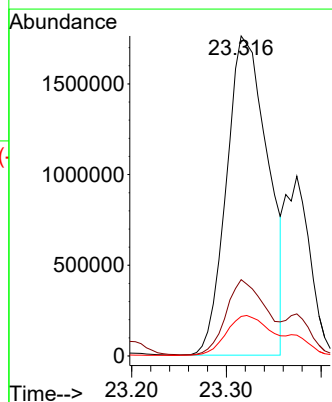
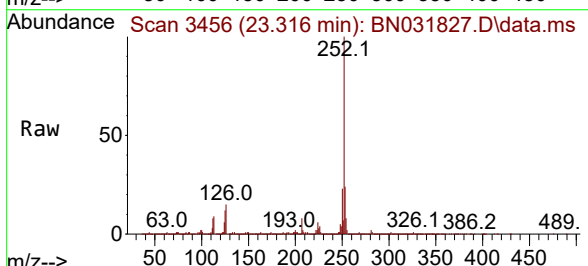
Tgt Ion:252 Resp: 5335050

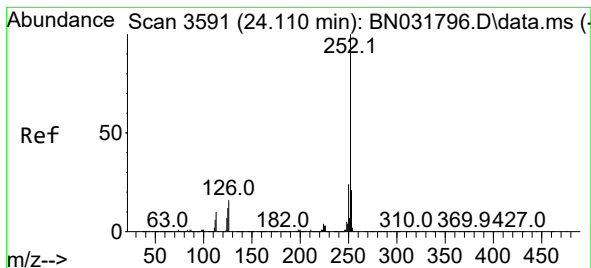
Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

125 12.4 9.4 14.2





#93

Benzo(a)pyrene

Concen: 46.323 ng/ul

RT: 24.110 min Scan# 3

Delta R.T. 0.006 min

Lab File: BN031827.D

Acq: 06 Jun 2024 20:32

Instrument :

BNA_N

ClientSampleId :

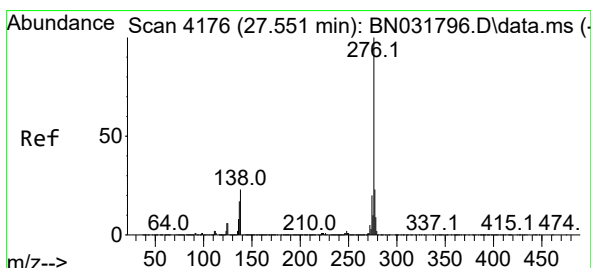
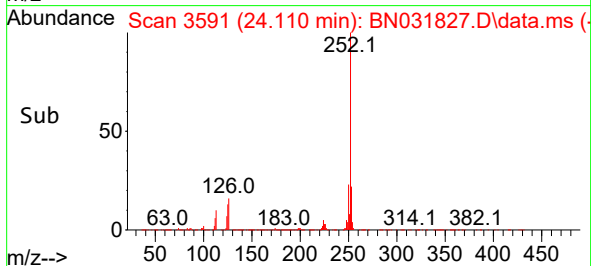
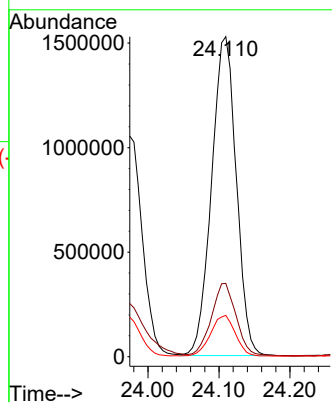
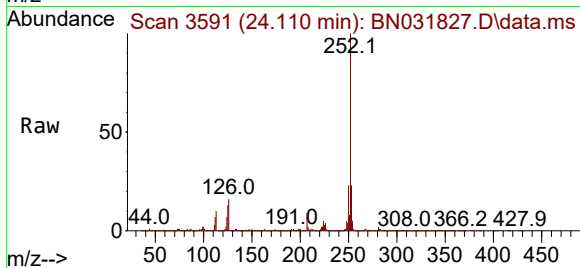
Tgt Ion:252 Resp: 3688357

Ion Ratio Lower Upper

252 100

253 22.9 16.6 24.8

125 12.9 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.417 ng/ul

RT: 27.557 min Scan# 4177

Delta R.T. 0.023 min

Lab File: BN031827.D

Acq: 06 Jun 2024 20:32

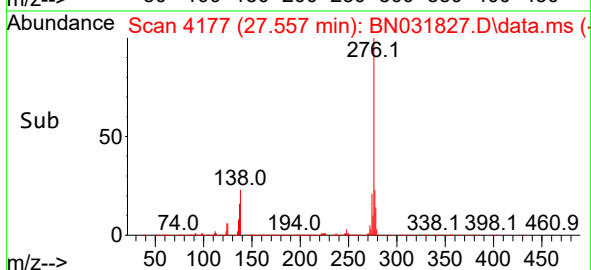
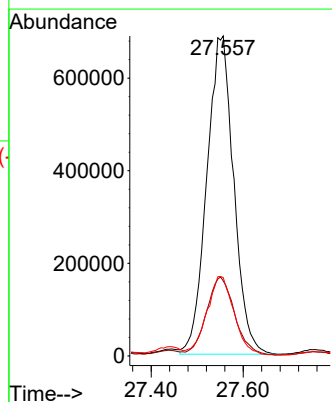
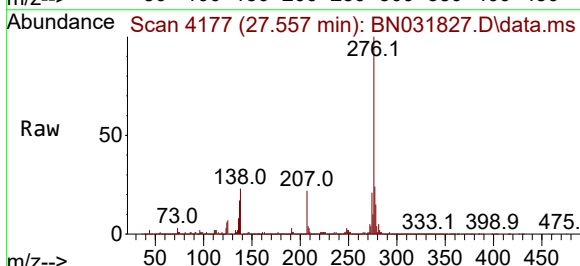
Tgt Ion:276 Resp: 2790768

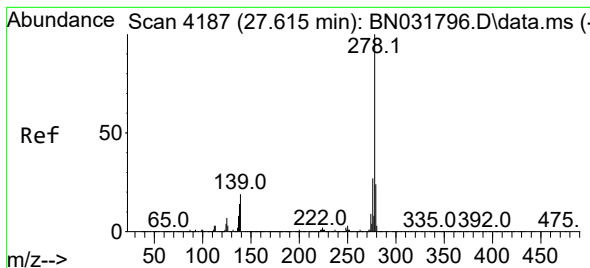
Ion Ratio Lower Upper

276 100

138 23.5 18.1 27.1

277 24.5 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 9.502 ng/ul

RT: 27.580 min Scan# 4187

Delta R.T. -0.024 min

Lab File: BN031827.D

Acq: 06 Jun 2024 20:32

Instrument :

BNA_N

ClientSampleId :

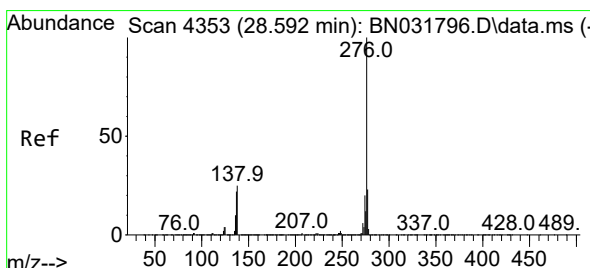
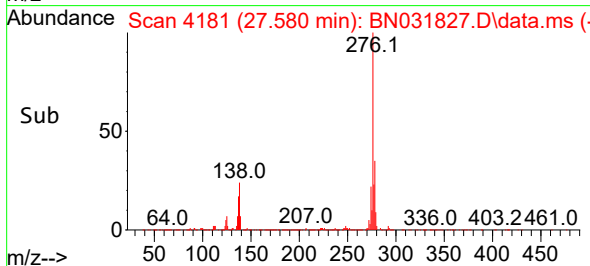
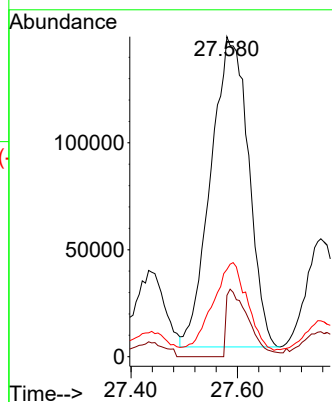
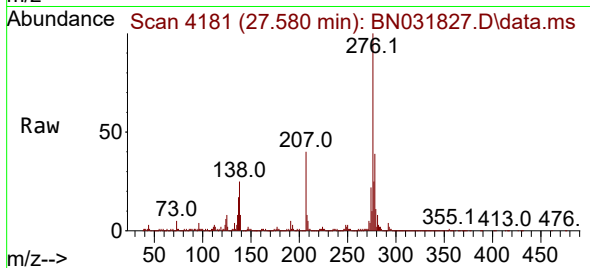
Tgt Ion:278 Resp: 711770

Ion Ratio Lower Upper

278 100

139 19.2 15.0 22.6

279 27.2 17.4 26.0#



#96

Benzo(g,h,i)perylene

Concen: 37.615 ng/ul

RT: 28.592 min Scan# 4353

Delta R.T. 0.023 min

Lab File: BN031827.D

Acq: 06 Jun 2024 20:32

Tgt Ion:276 Resp: 2743476

Ion Ratio Lower Upper

276 100

138 24.5 20.9 31.3

277 22.7 18.0 27.0

