

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
 Data File : BN025278.D
 Acq On : 05 May 2023 14:00
 Operator : CG/JU
 Sample : 02613-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA1

Quant Time: May 06 04:06:59 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 11:29:16 2023
 Response via : Initial Calibration

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

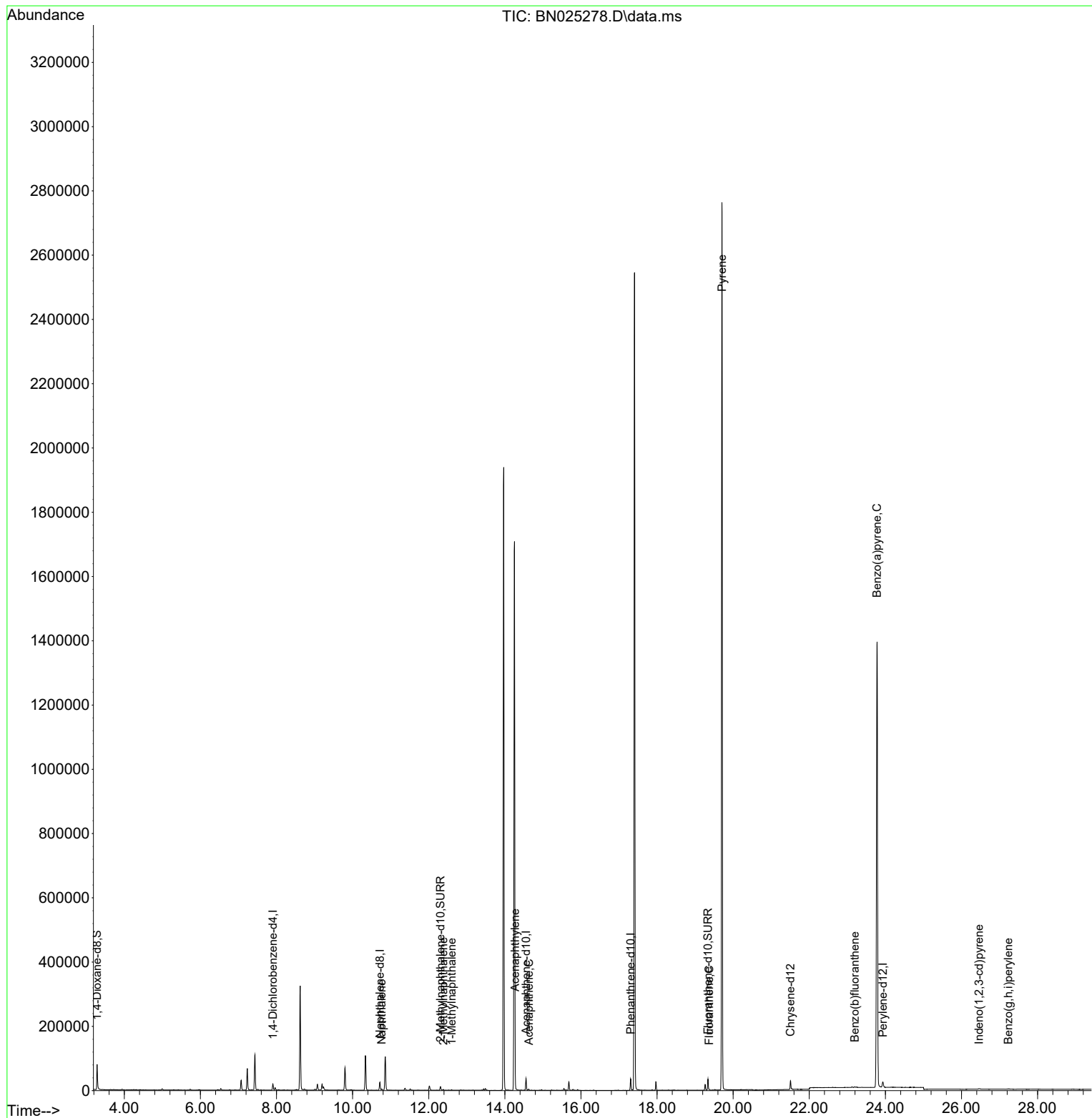
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	9903	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	31886	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.557	164	19727	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.306	188	39476	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	25150	0.400	ng/ul	# 0.00
23) Perylene-d12	23.933	264	24716	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	45659	4.453	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	14712	0.359	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	35323	0.533	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	2834	0.035	ng/ul#	88
7) 2-Methylnaphthalene	12.382	142	1819	0.036	ng/ul	98
8) 1-Methylnaphthalene	12.602	142	1130	0.021	ng/ul	95
10) Acenaphthylene	14.270	152	3828	0.052	ng/ul#	65
11) Acenaphthene	14.631	153	3941	0.064	ng/ul#	40
19) Fluoranthene	19.369	202	2188	0.024	ng/ul#	83
20) Pyrene	19.708	202	6010	0.064	ng/ul#	1
24) Benzo(b)fluoranthene	23.193	252	3274	0.033	ng/ul#	1
26) Benzo(a)pyrene	23.781	252	6767	0.082	ng/ul#	21
27) Indeno(1,2,3-cd)pyrene	26.461	276	2105	0.022	ng/ul#	87
29) Benzo(g,h,i)perylene	27.233	276	2146	0.026	ng/ul#	6

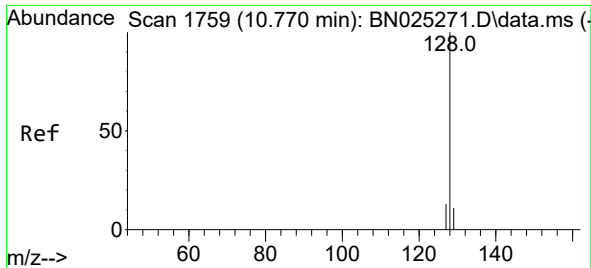
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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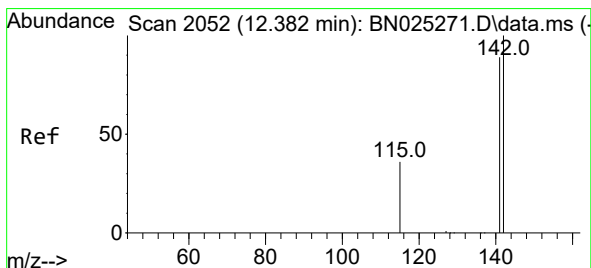
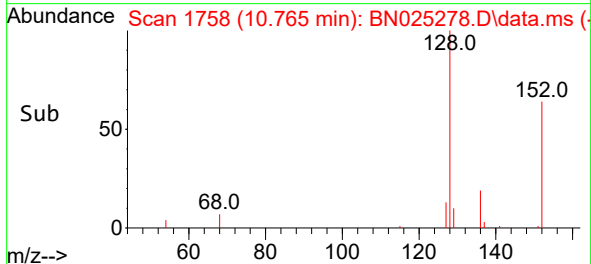
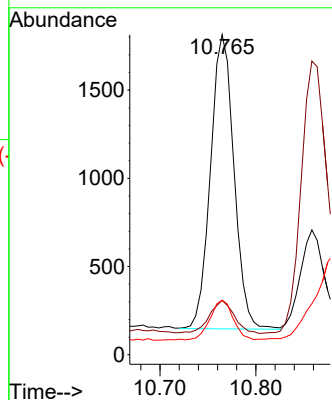
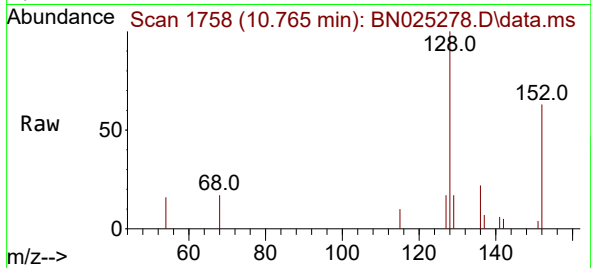




#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.765 min Scan# 1758
Delta R.T. -0.005 min
Lab File: BN025278.D
Acq: 05 May 2023 14:00

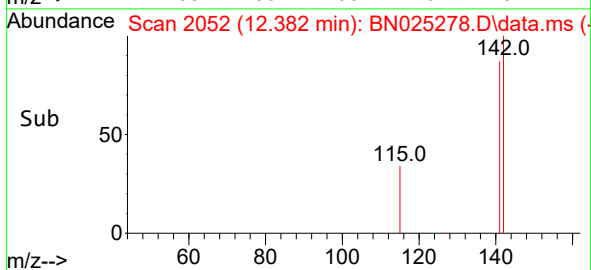
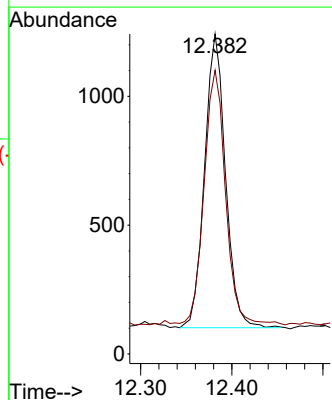
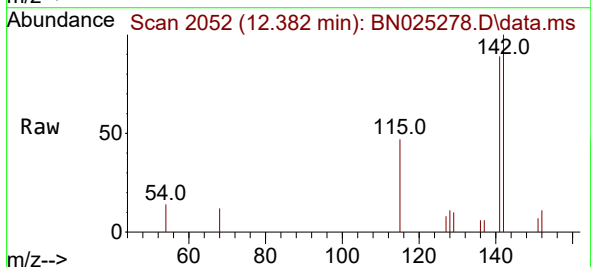
Instrument :
BNA_N
ClientSampleId :
C0AA1

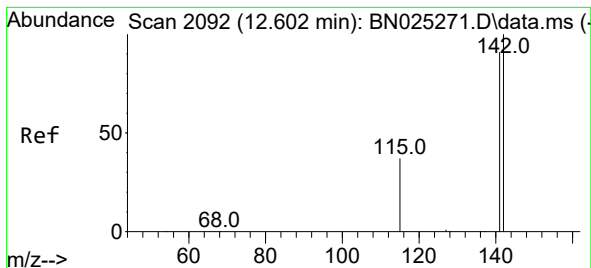
Tgt Ion:128 Resp: 2834
Ion Ratio Lower Upper
128 100
129 17.0 9.0 13.6#
127 17.1 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.382 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BN025278.D
Acq: 05 May 2023 14:00

Tgt Ion:142 Resp: 1819
Ion Ratio Lower Upper
142 100
141 87.0 71.4 107.0





#8

1-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.602 min Scan# 2092

Delta R.T. 0.000 min

Lab File: BN025278.D

Acq: 05 May 2023 14:00

Instrument :

BNA_N

ClientSampleId :

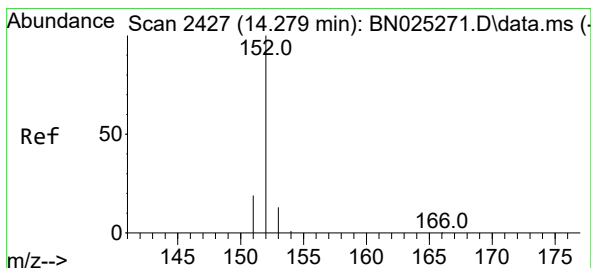
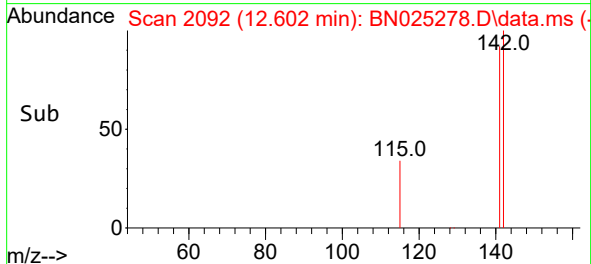
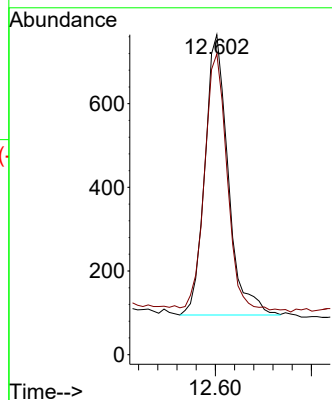
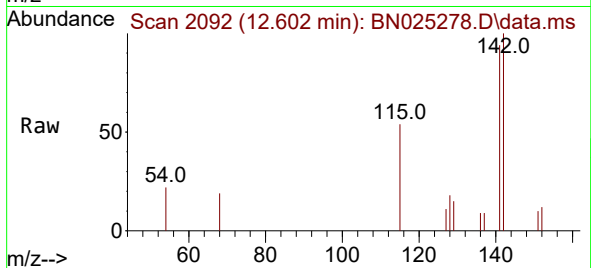
C0AA1

Tgt Ion:142 Resp: 1130

Ion Ratio Lower Upper

142 100

141 87.9 73.8 110.6



#10

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.270 min Scan# 2425

Delta R.T. -0.008 min

Lab File: BN025278.D

Acq: 05 May 2023 14:00

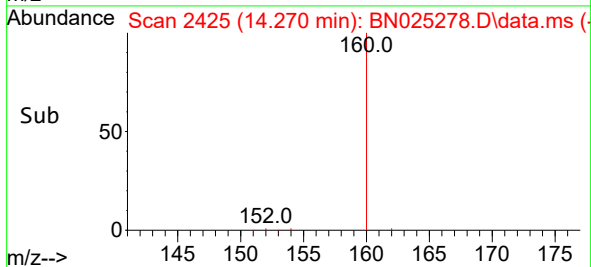
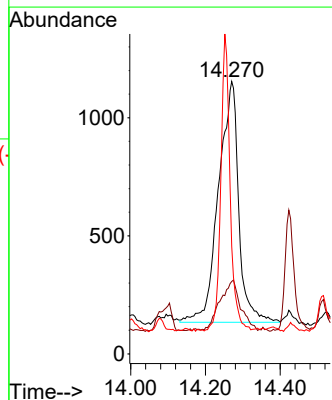
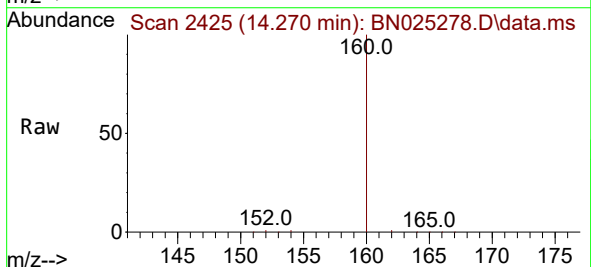
Tgt Ion:152 Resp: 3828

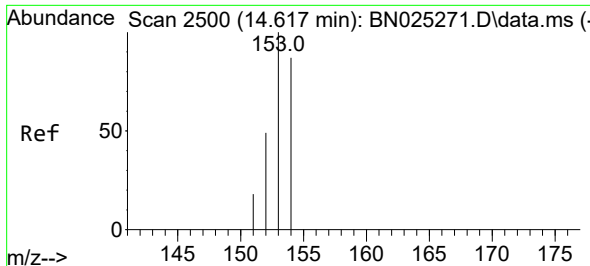
Ion Ratio Lower Upper

152 100

151 26.6 16.0 24.0#

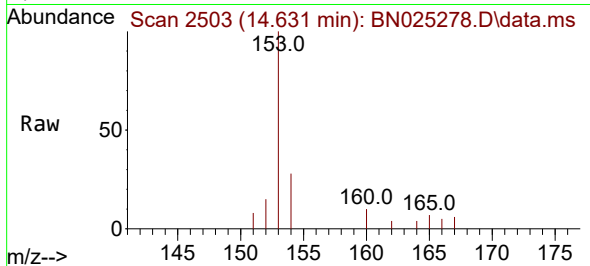
153 39.5 10.8 16.2#



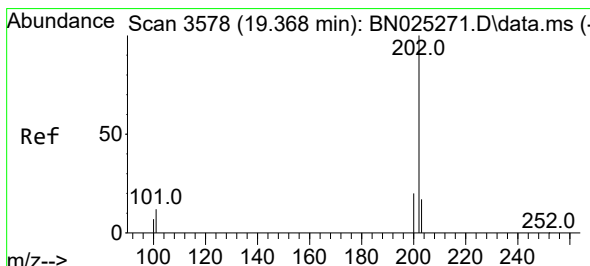
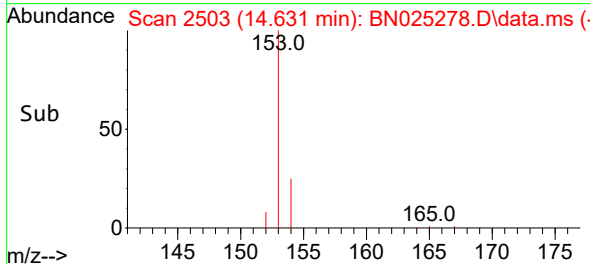
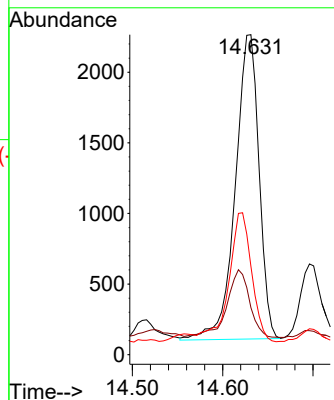


#11
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.631 min Scan# 2503
Delta R.T. 0.015 min
Lab File: BN025278.D
Acq: 05 May 2023 14:00

Instrument :
BNA_N
ClientSampleId :
C0AA1

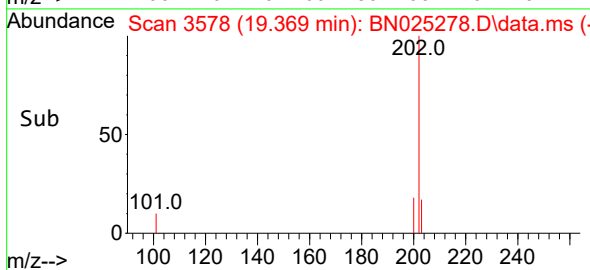
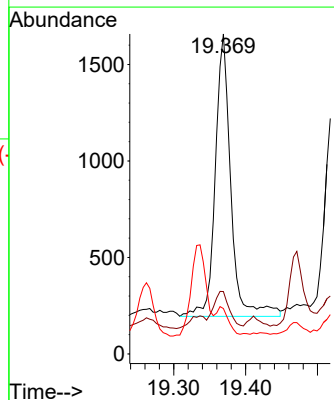
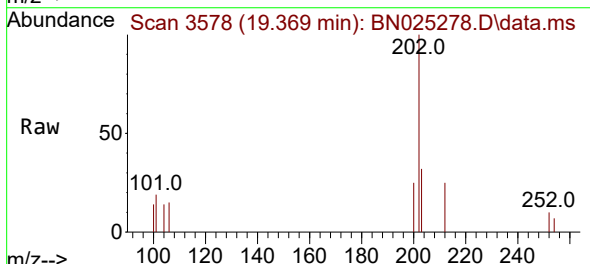


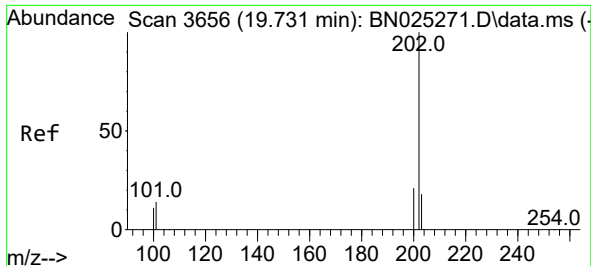
Tgt Ion:153 Resp: 3941
Ion Ratio Lower Upper
153 100
152 14.7 40.2 60.4#
154 27.6 69.4 104.2#



#19
Fluoranthene
Concen: 0.024 ng/ul
RT: 19.369 min Scan# 3578
Delta R.T. 0.001 min
Lab File: BN025278.D
Acq: 05 May 2023 14:00

Tgt Ion:202 Resp: 2188
Ion Ratio Lower Upper
202 100
101 19.5 9.7 14.5#
100 14.2 7.3 10.9#

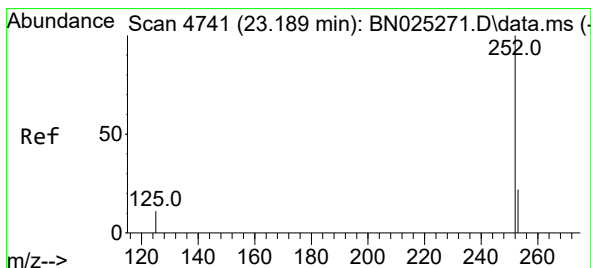
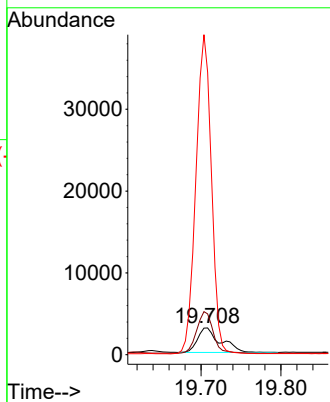
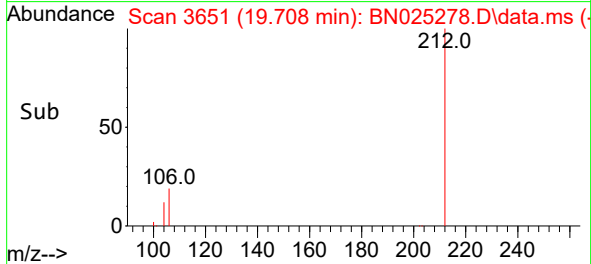
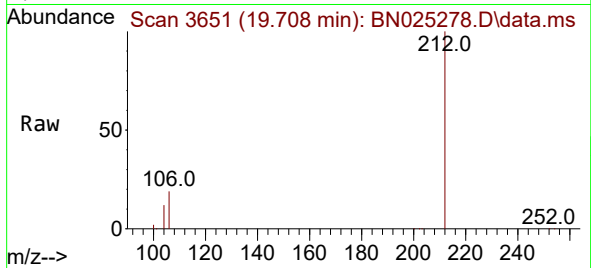




#20
Pyrene
Concen: 0.064 ng/ul
RT: 19.708 min Scan# 3651
Delta R.T. -0.022 min
Lab File: BN025278.D
Acq: 05 May 2023 14:00

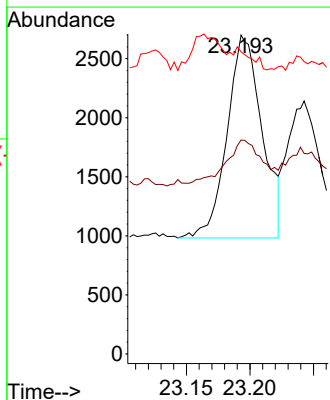
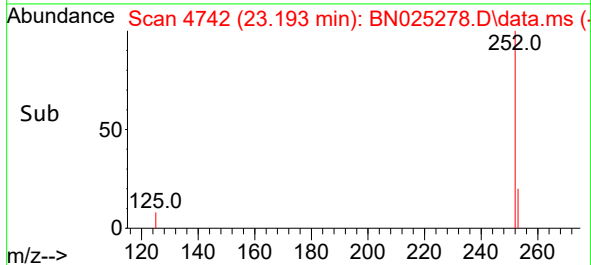
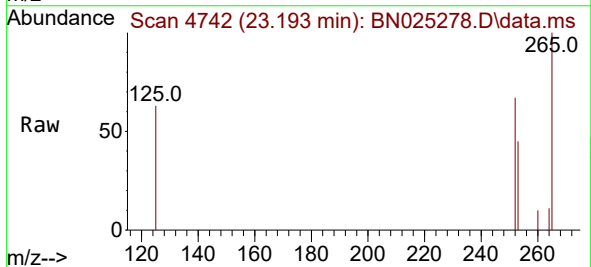
Instrument :
BNA_N
ClientSampleId :
C0AA1

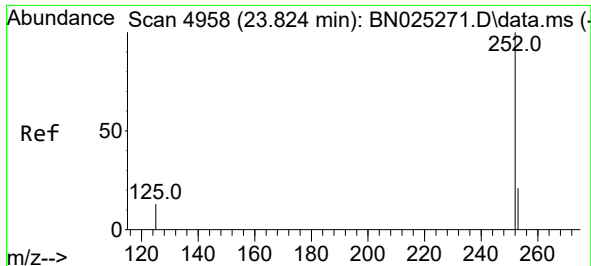
Tgt Ion:202 Resp: 6010
Ion Ratio Lower Upper
202 100
101 152.4 11.3 16.9#
100 1056.0 9.2 13.8#



#24
Benzo(b)fluoranthene
Concen: 0.033 ng/ul
RT: 23.193 min Scan# 4742
Delta R.T. 0.004 min
Lab File: BN025278.D
Acq: 05 May 2023 14:00

Tgt Ion:252 Resp: 3274
Ion Ratio Lower Upper
252 100
253 67.1 0.0 50.2#
125 94.8 0.0 30.4#

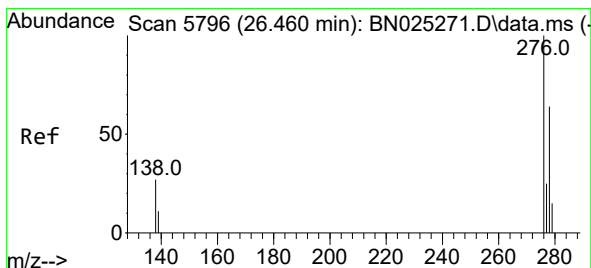
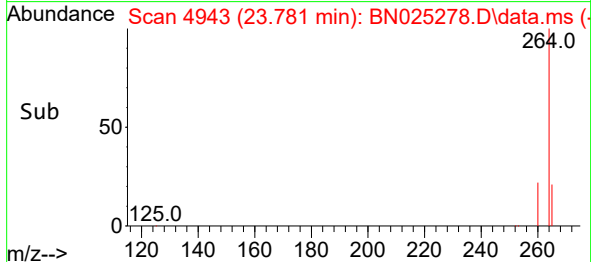
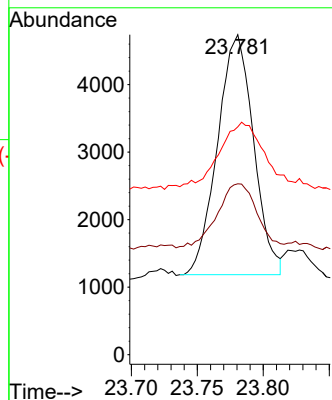
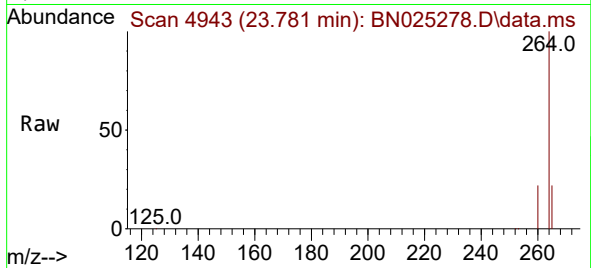




#26
Benzo(a)pyrene
Concen: 0.082 ng/ul
RT: 23.781 min Scan# 4958
Delta R.T. -0.043 min
Lab File: BN025278.D
Acq: 05 May 2023 14:00

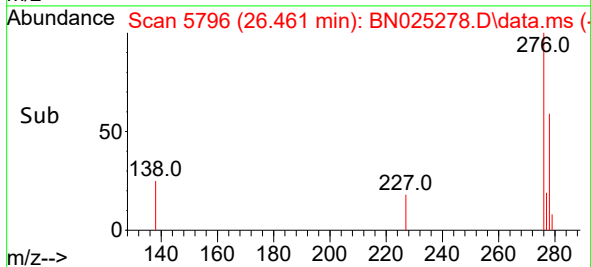
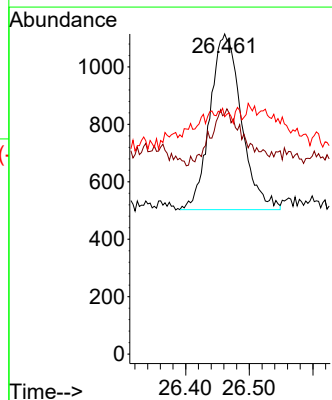
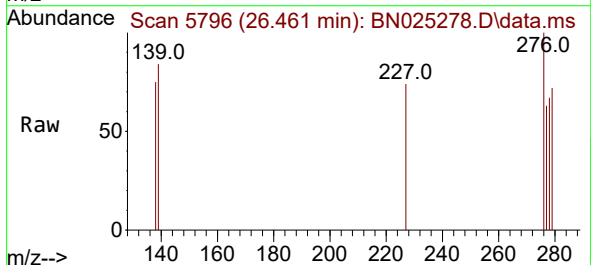
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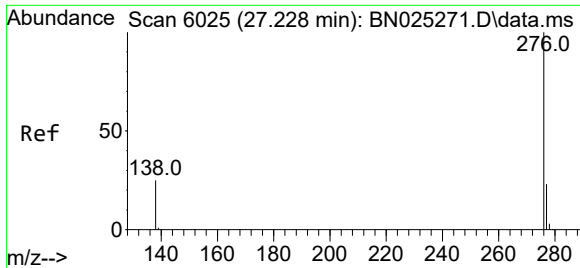
Tgt Ion:252 Resp: 6767
Ion Ratio Lower Upper
252 100
253 53.4 21.4 32.2#
125 71.2 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 26.461 min Scan# 5796
Delta R.T. 0.001 min
Lab File: BN025278.D
Acq: 05 May 2023 14:00

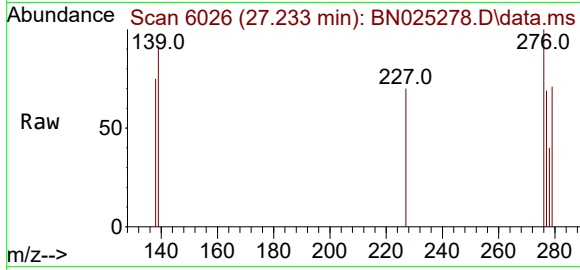
Tgt Ion:276 Resp: 2105
Ion Ratio Lower Upper
276 100
138 34.3 21.9 32.9#
227 10.4 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.026 ng/ul
 RT: 27.233 min Scan# 6026
 Delta R.T. 0.004 min
 Lab File: BN025278.D
 Acq: 05 May 2023 14:00

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:276 Resp: 2146
 Ion Ratio Lower Upper
 276 100
 138 75.5 20.3 30.5#
 277 68.7 19.8 29.6#

