

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026961.D
 Acq On : 18 Aug 2023 16:09
 Operator : MA/JU
 Sample : 03965-07DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H7DL

Quant Time: Aug 18 17:22:31 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

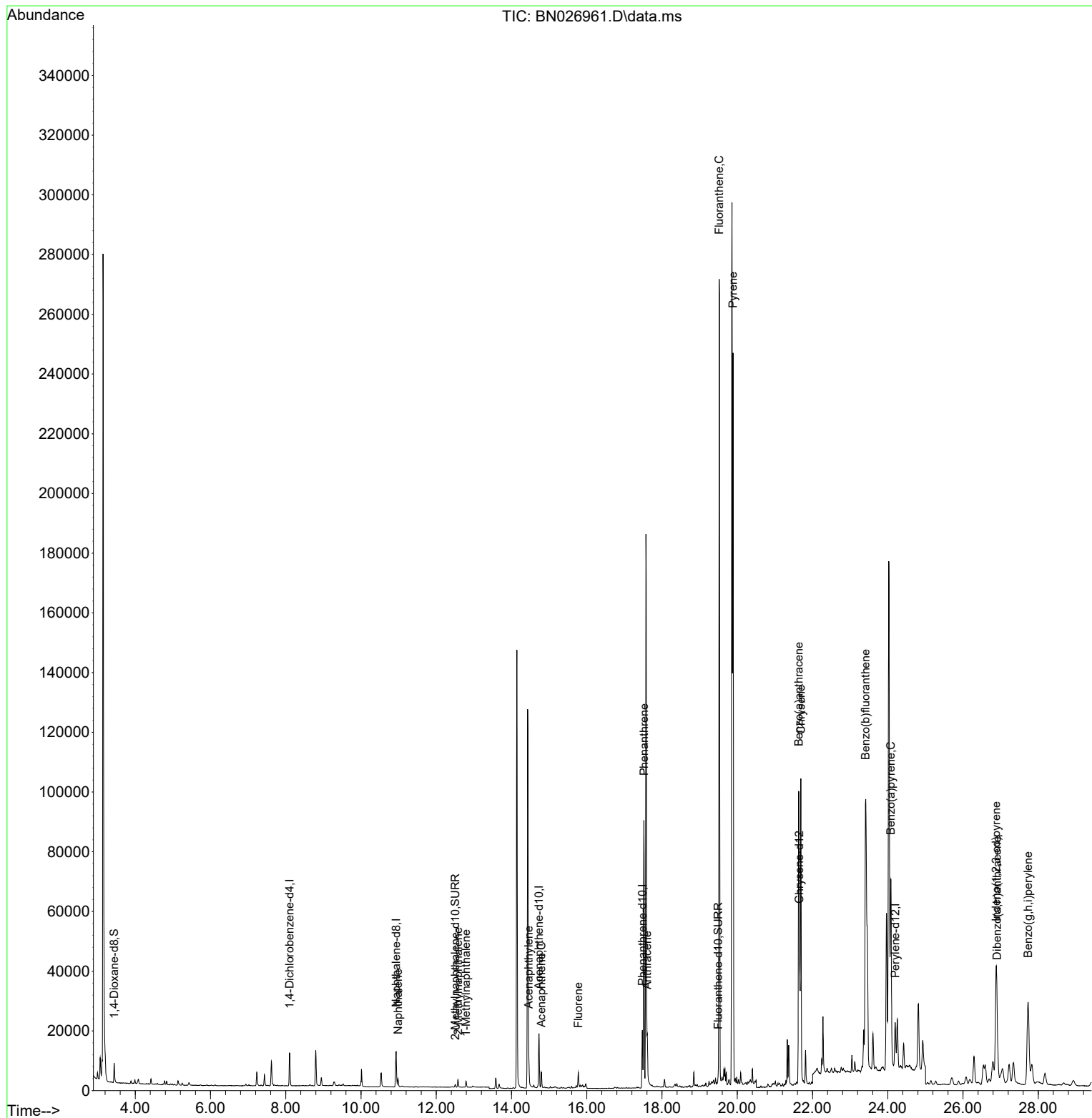
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	5618	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	17366	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	10275	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	23208	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	20615	0.400	ng/ul	0.00
23) Perylene-d12	24.196	264	21743	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	4671	0.700	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	1201	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	3083	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	3729	0.076	ng/ul#	92
7) 2-Methylnaphthalene	12.577	142	1843	0.062	ng/ul	98
8) 1-Methylnaphthalene	12.792	142	1377	0.044	ng/ul	100
10) Acenaphthylene	14.458	152	8239	0.143	ng/ul	98
11) Acenaphthene	14.791	153	3062	0.077	ng/ul	98
12) Fluorene	15.776	166	3418	0.076	ng/ul#	97
15) Phenanthrene	17.519	178	92295	1.211	ng/ul	100
16) Anthracene	17.608	178	15244	0.221	ng/ul	99
19) Fluoranthene	19.520	202	227929	2.662	ng/ul	97
20) Pyrene	19.887	202	208035	2.277	ng/ul	99
21) Benzo(a)anthracene	21.633	228	92493	1.128	ng/ul	99
22) Chrysene	21.691	228	110211	1.362	ng/ul	98
24) Benzo(b)fluoranthene	23.407	252	224786	2.733	ng/ul	93
26) Benzo(a)pyrene	24.082	252	101120	1.363	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.881	276	79132	0.815	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.905	278	17837	0.231	ng/ul#	88
29) Benzo(g,h,i)perylene	27.730	276	73509	0.909	ng/ul	99

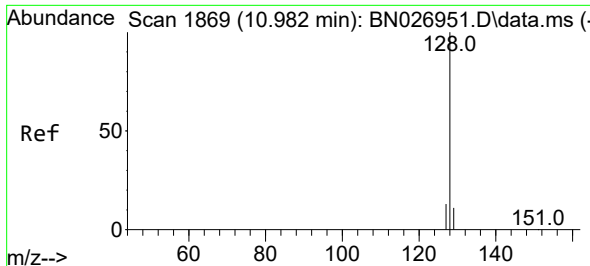
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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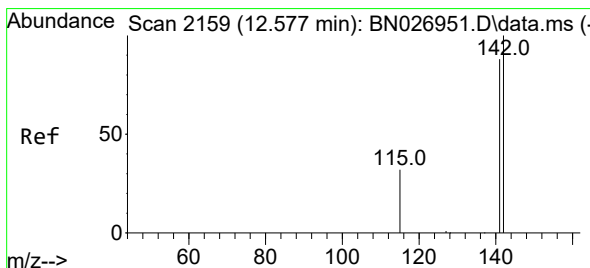
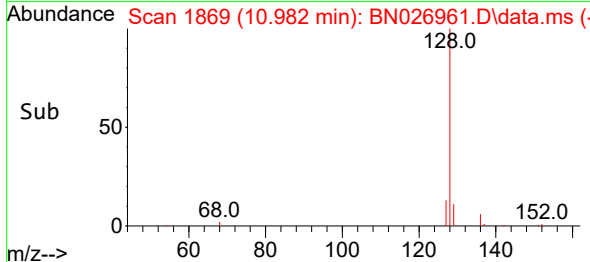
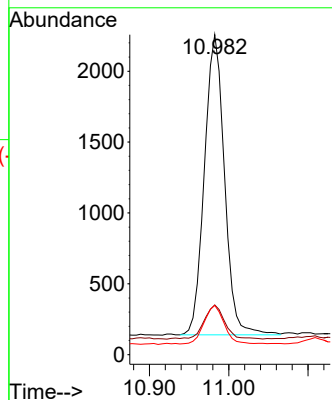
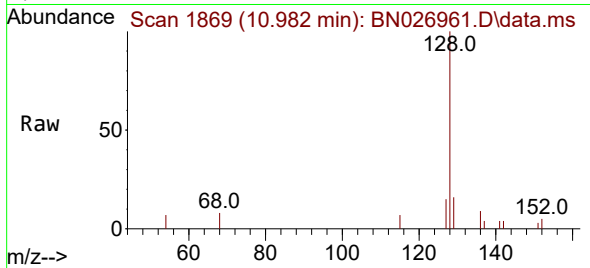




#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN026961.D
Acq: 18 Aug 2023 16:09

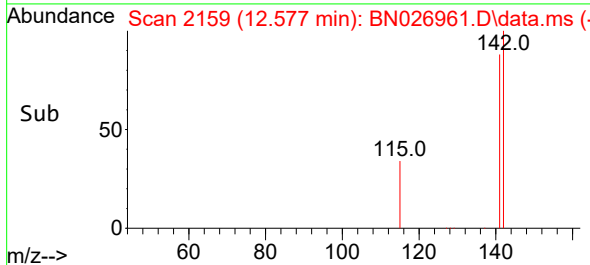
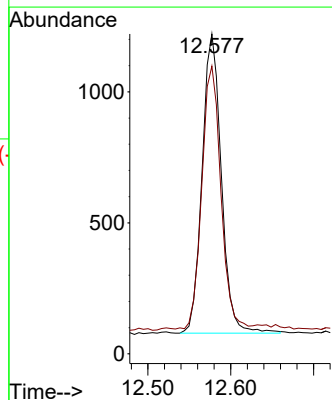
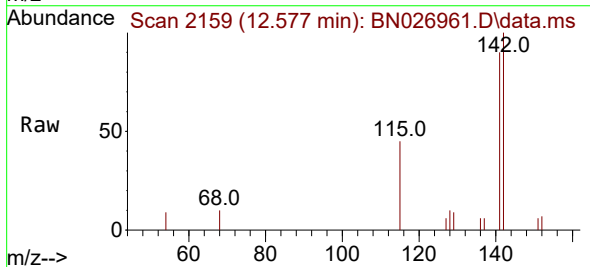
Instrument :
BNA_N
ClientSampleId :
A48H7DL

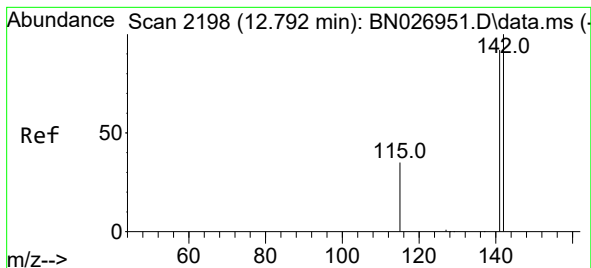
Tgt Ion:128 Resp: 3729
Ion Ratio Lower Upper
128 100
129 15.5 9.2 13.8#
127 15.4 10.5 15.7



#7
2-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BN026961.D
Acq: 18 Aug 2023 16:09

Tgt Ion:142 Resp: 1843
Ion Ratio Lower Upper
142 100
141 86.8 70.9 106.3





#8

1-Methylnaphthalene

Concen: 0.044 ng/ul

RT: 12.792 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BN026961.D

Acq: 18 Aug 2023 16:09

Instrument :

BNA_N

ClientSampleId :

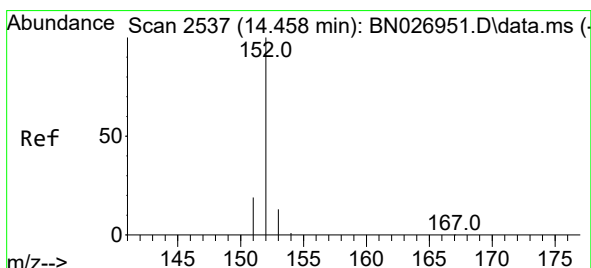
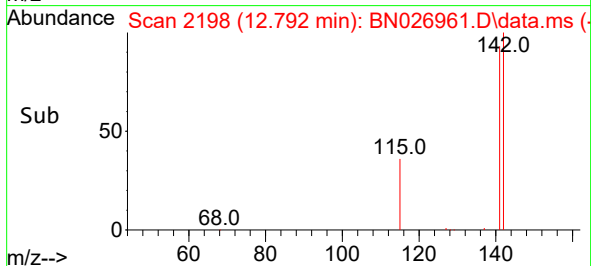
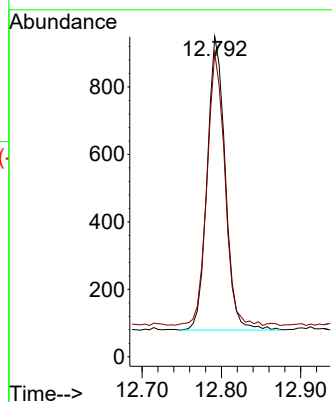
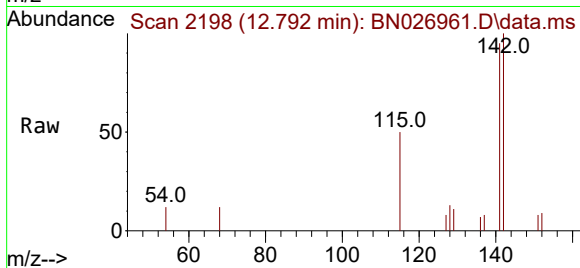
A48H7DL

Tgt Ion:142 Resp: 1377

Ion Ratio Lower Upper

142 100

141 91.6 73.2 109.8



#10

Acenaphthylene

Concen: 0.143 ng/ul

RT: 14.458 min Scan# 2537

Delta R.T. 0.000 min

Lab File: BN026961.D

Acq: 18 Aug 2023 16:09

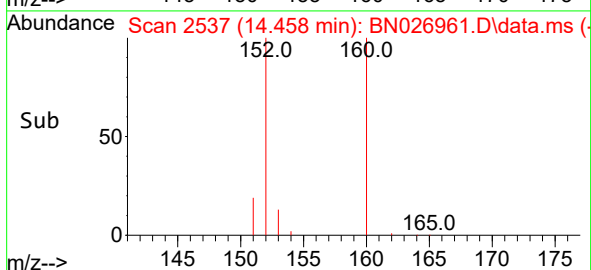
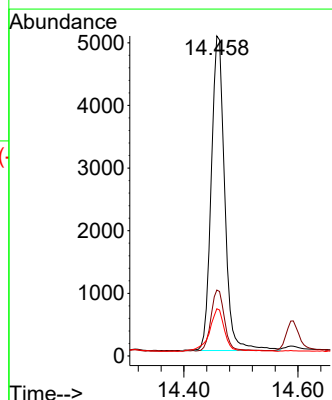
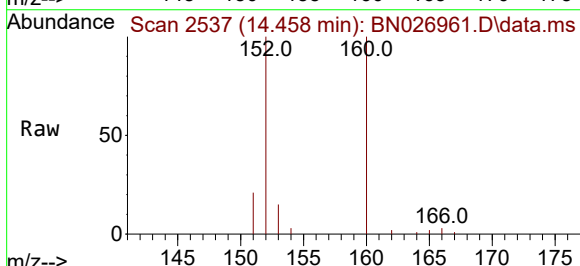
Tgt Ion:152 Resp: 8239

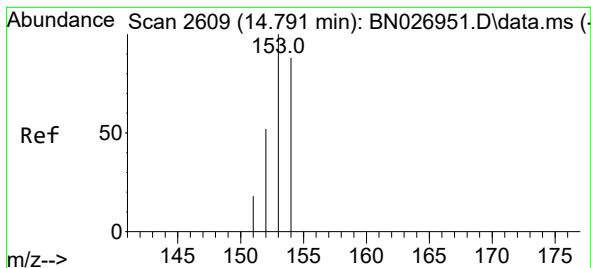
Ion Ratio Lower Upper

152 100

151 20.6 15.9 23.9

153 14.8 11.0 16.6





#11

Acenaphthene

Concen: 0.077 ng/ul

RT: 14.791 min Scan# 2609

Delta R.T. 0.000 min

Lab File: BN026961.D

Acq: 18 Aug 2023 16:09

Instrument :

BNA_N

ClientSampleId :

A48H7DL

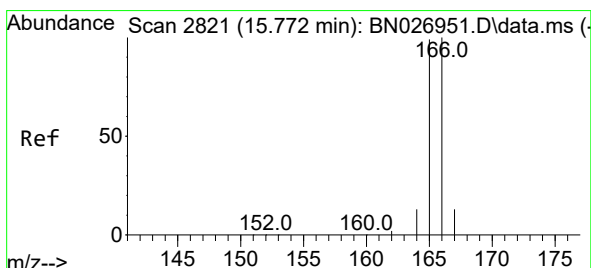
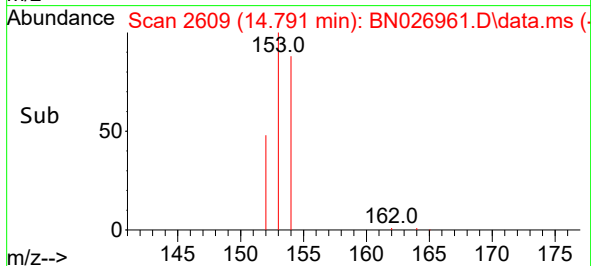
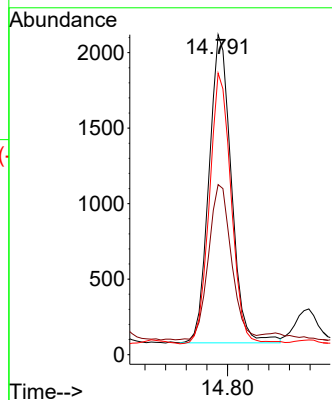
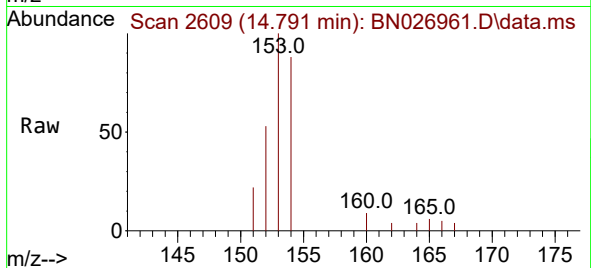
Tgt Ion:153 Resp: 3062

Ion Ratio Lower Upper

153 100

152 53.1 41.1 61.7

154 88.0 71.6 107.4



#12

Fluorene

Concen: 0.076 ng/ul

RT: 15.776 min Scan# 2822

Delta R.T. 0.005 min

Lab File: BN026961.D

Acq: 18 Aug 2023 16:09

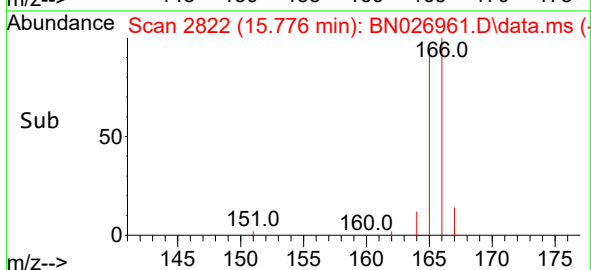
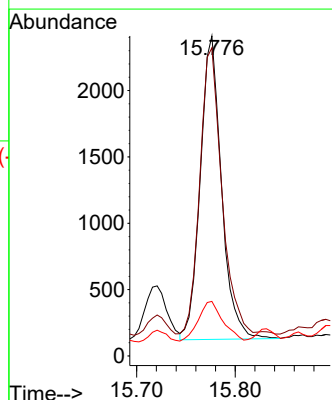
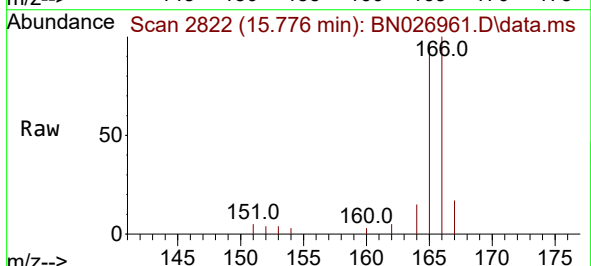
Tgt Ion:166 Resp: 3418

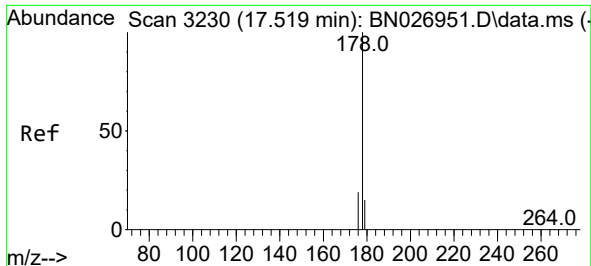
Ion Ratio Lower Upper

166 100

165 96.3 79.1 118.7

167 17.0 11.4 17.0#

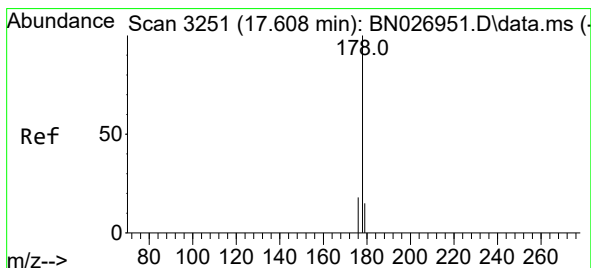
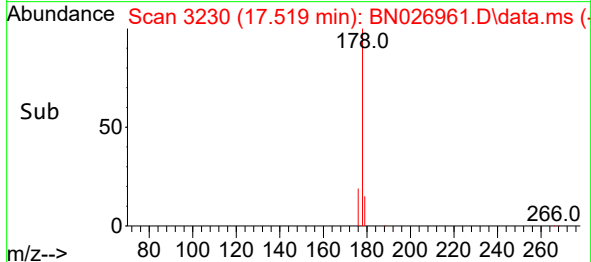
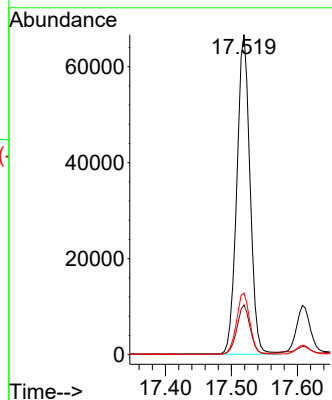
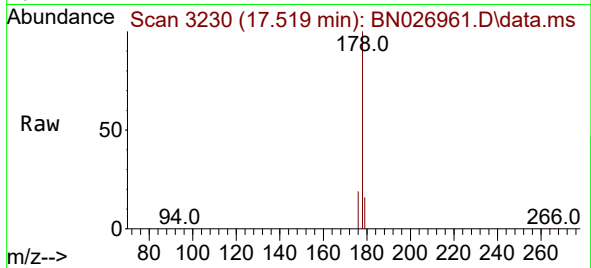




#15
Phenanthrene
Concen: 1.211 ng/ul
RT: 17.519 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026961.D
Acq: 18 Aug 2023 16:09

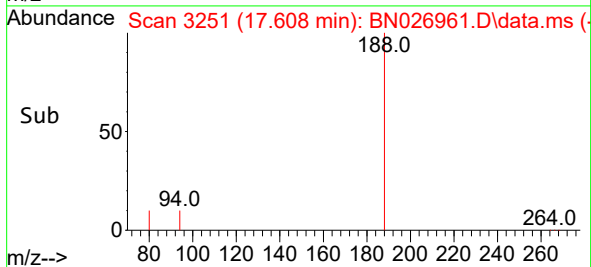
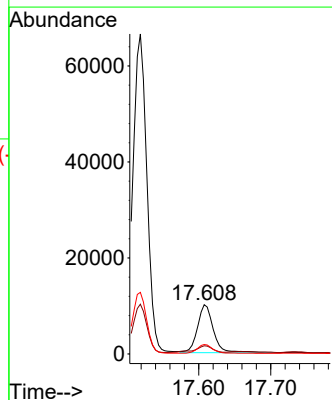
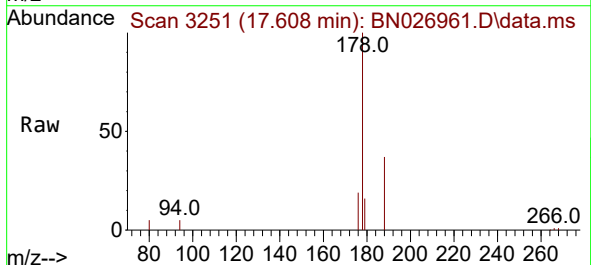
Instrument :
BNA_N
ClientSampleId :
A48H7DL

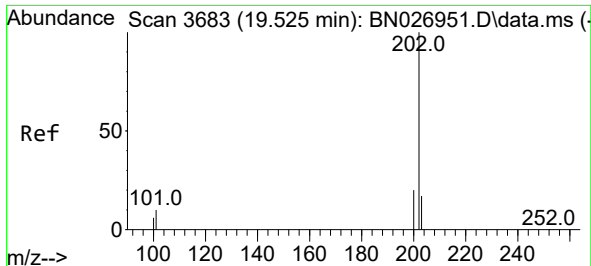
Tgt Ion:178 Resp: 92295
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.2 15.4 23.2



#16
Anthracene
Concen: 0.221 ng/ul
RT: 17.608 min Scan# 3251
Delta R.T. 0.000 min
Lab File: BN026961.D
Acq: 18 Aug 2023 16:09

Tgt Ion:178 Resp: 15244
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 19.4 15.0 22.6

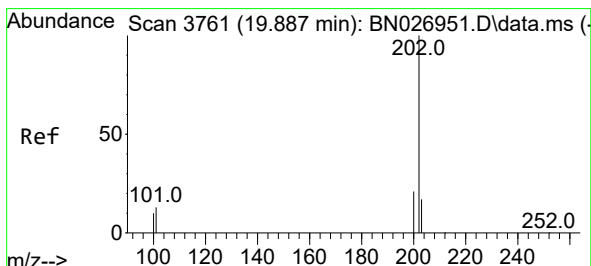
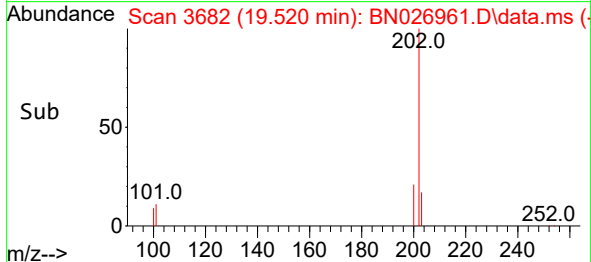
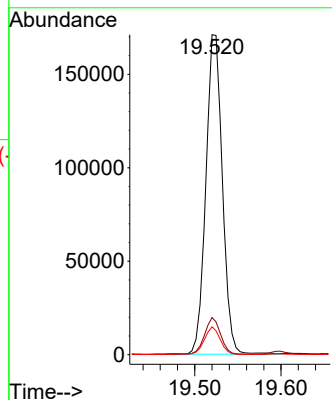
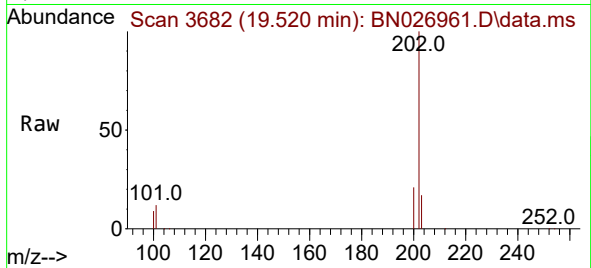




#19
Fluoranthene
Concen: 2.662 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN026961.D
Acq: 18 Aug 2023 16:09

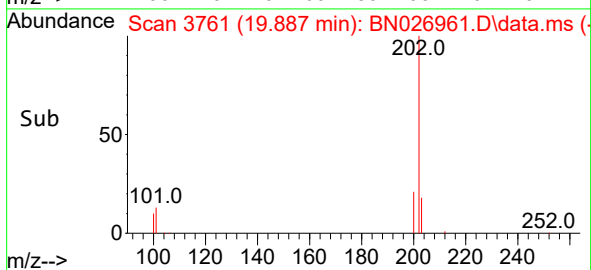
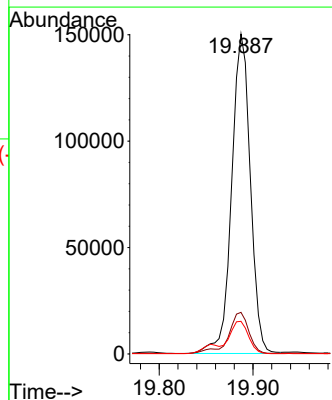
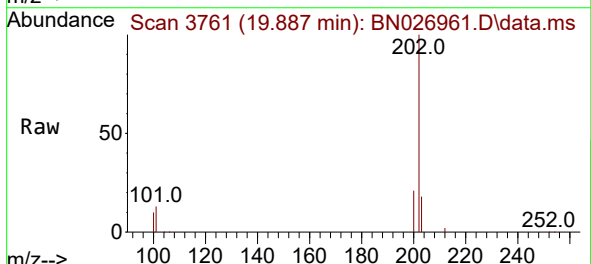
Instrument :
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ClientSampleId :
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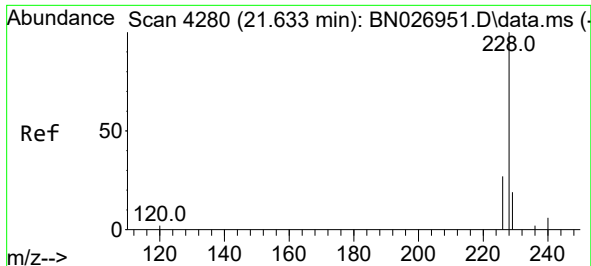
Tgt Ion:202 Resp: 227929
Ion Ratio Lower Upper
202 100
101 11.6 8.3 12.5
100 8.7 6.2 9.2



#20
Pyrene
Concen: 2.277 ng/ul
RT: 19.887 min Scan# 3761
Delta R.T. 0.000 min
Lab File: BN026961.D
Acq: 18 Aug 2023 16:09

Tgt Ion:202 Resp: 208035
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 10.2 8.5 12.7

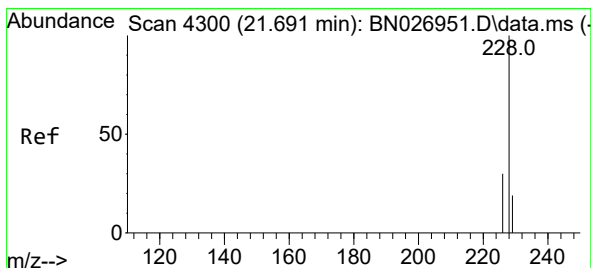
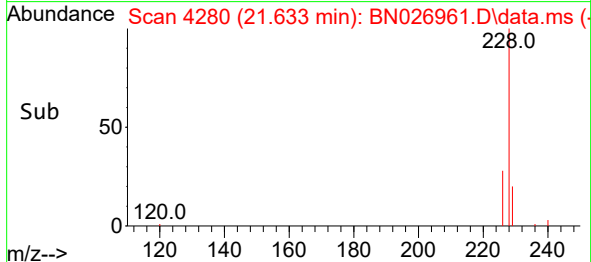
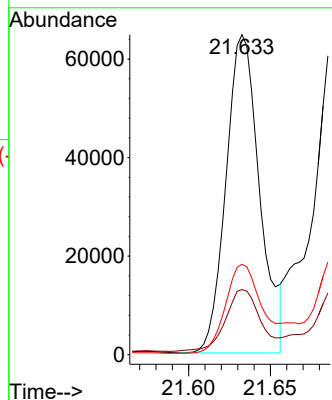
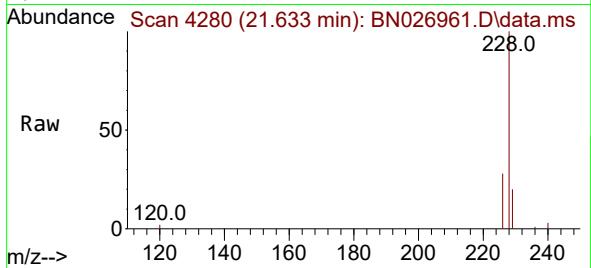




#21
Benzo(a)anthracene
Concen: 1.128 ng/ul
RT: 21.633 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN026961.D
Acq: 18 Aug 2023 16:09

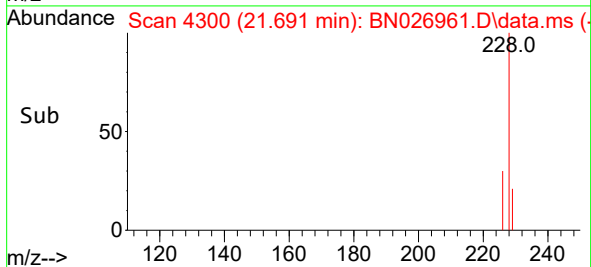
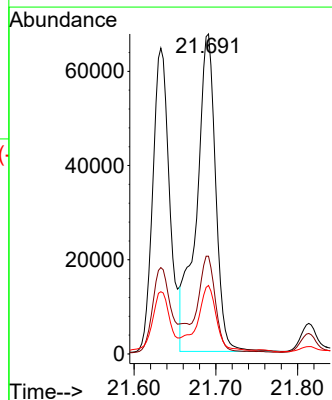
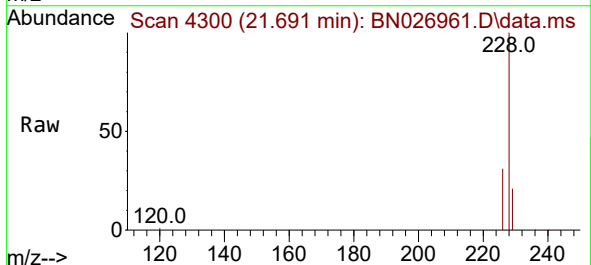
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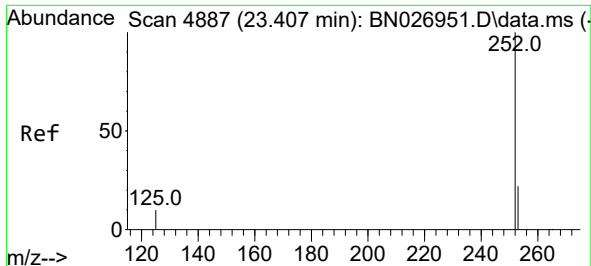
Tgt Ion:228 Resp: 92493
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 28.3 22.2 33.2



#22
Chrysene
Concen: 1.362 ng/ul
RT: 21.691 min Scan# 4300
Delta R.T. 0.000 min
Lab File: BN026961.D
Acq: 18 Aug 2023 16:09

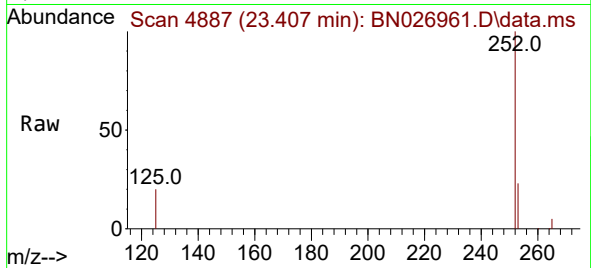
Tgt Ion:228 Resp: 110211
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 21.4 15.8 23.6



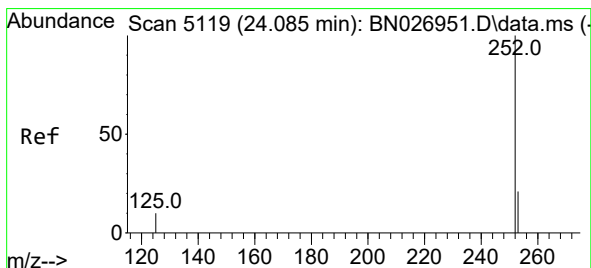
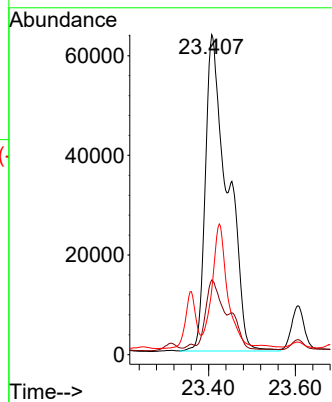
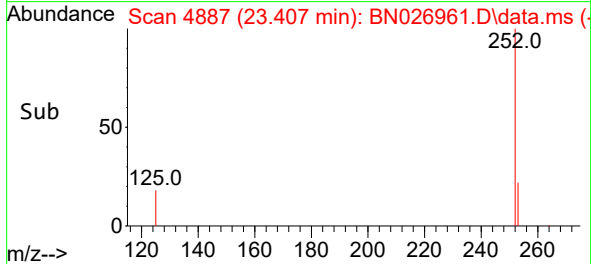


#24
Benzo(b)fluoranthene
Concen: 2.733 ng/ul
RT: 23.407 min Scan# 4887
Delta R.T. 0.000 min
Lab File: BN026961.D
Acq: 18 Aug 2023 16:09

Instrument :
BNA_N
ClientSampleId :
A48H7DL

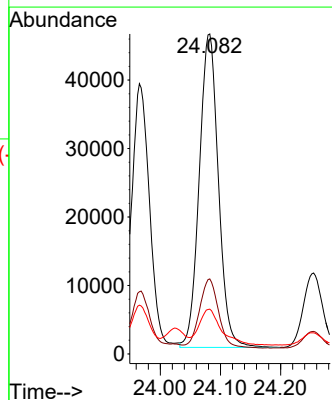
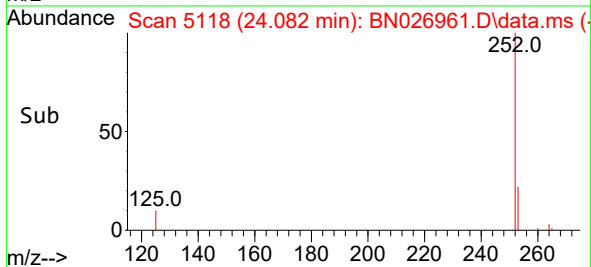
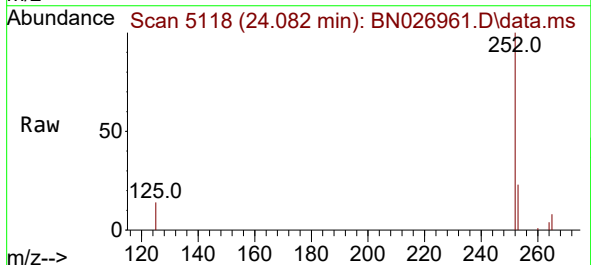


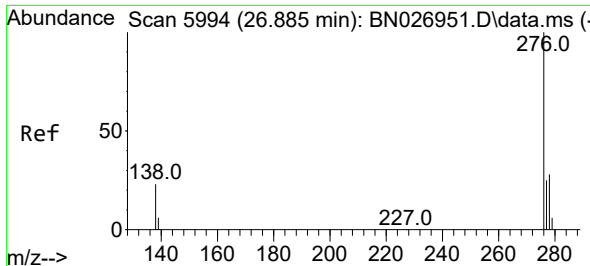
Tgt Ion:252 Resp: 224786
Ion Ratio Lower Upper
252 100
253 23.3 0.0 46.8
125 20.2 0.0 25.2



#26
Benzo(a)pyrene
Concen: 1.363 ng/ul
RT: 24.082 min Scan# 5118
Delta R.T. -0.003 min
Lab File: BN026961.D
Acq: 18 Aug 2023 16:09

Tgt Ion:252 Resp: 101120
Ion Ratio Lower Upper
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253 23.4 19.0 28.6
125 14.0 11.4 17.0

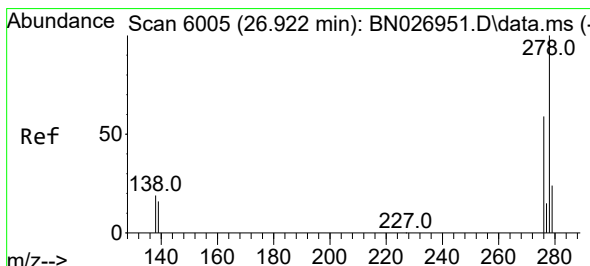
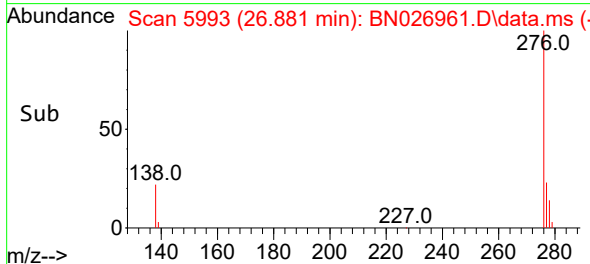
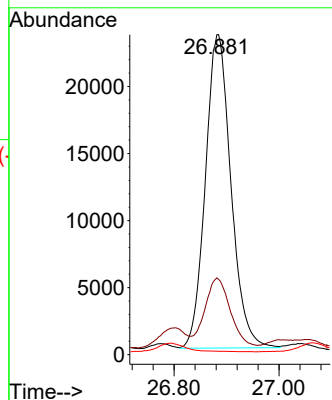
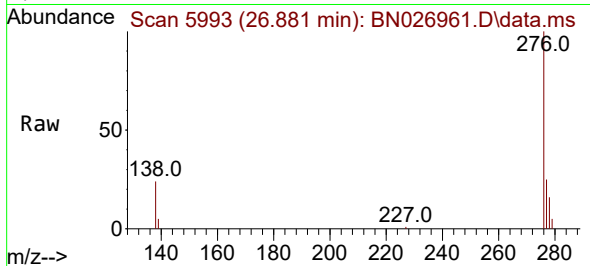




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.815 ng/ul
 RT: 26.881 min Scan# 5993
 Delta R.T. -0.003 min
 Lab File: BN026961.D
 Acq: 18 Aug 2023 16:09

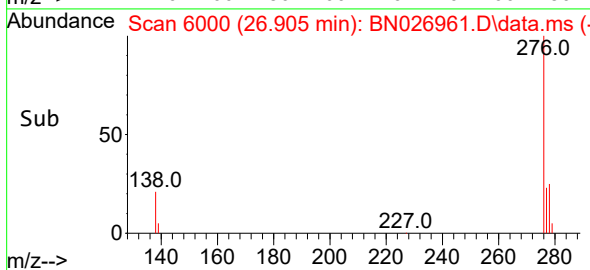
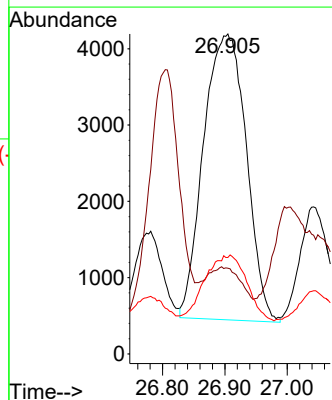
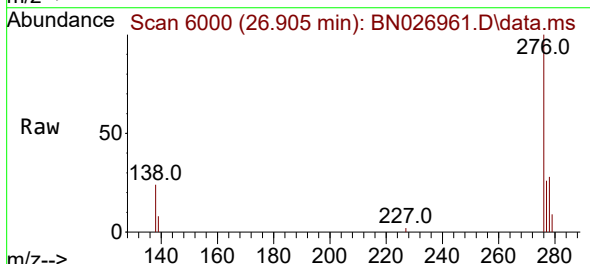
Instrument :
 BNA_N
 ClientSampleId :
 A48H7DL

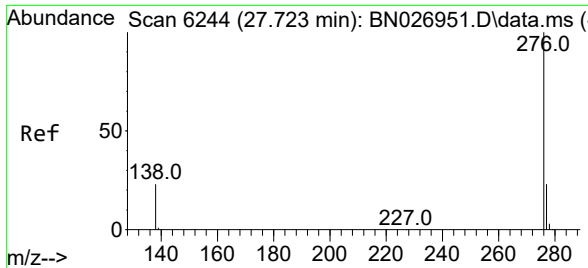
Tgt Ion:276 Resp: 79132
 Ion Ratio Lower Upper
 276 100
 138 20.8 21.6 32.4#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.231 ng/ul
 RT: 26.905 min Scan# 6000
 Delta R.T. -0.017 min
 Lab File: BN026961.D
 Acq: 18 Aug 2023 16:09

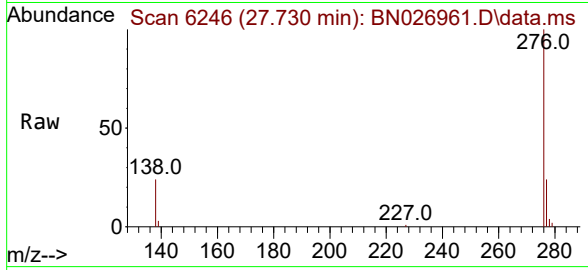
Tgt Ion:278 Resp: 17837
 Ion Ratio Lower Upper
 278 100
 139 26.8 15.7 23.5#
 279 30.2 20.2 30.4





#29
Benzo(g,h,i)perylene
Concen: 0.909 ng/ul
RT: 27.730 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN026961.D
Acq: 18 Aug 2023 16:09

Instrument :
BNA_N
ClientSampleId :
A48H7DL



Tgt Ion:	276	Resp:	73509
Ion Ratio	Lower	Upper	
276	100		
138	24.4	19.3	28.9
277	24.4	19.8	29.8

