

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026956.D
 Acq On : 18 Aug 2023 12:28
 Operator : MA/JU
 Sample : 03965-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48J5

Quant Time: Aug 18 12:57:18 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 : Wed Aug 16 00:50:05 2023
 Response via : Initial Calibration

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

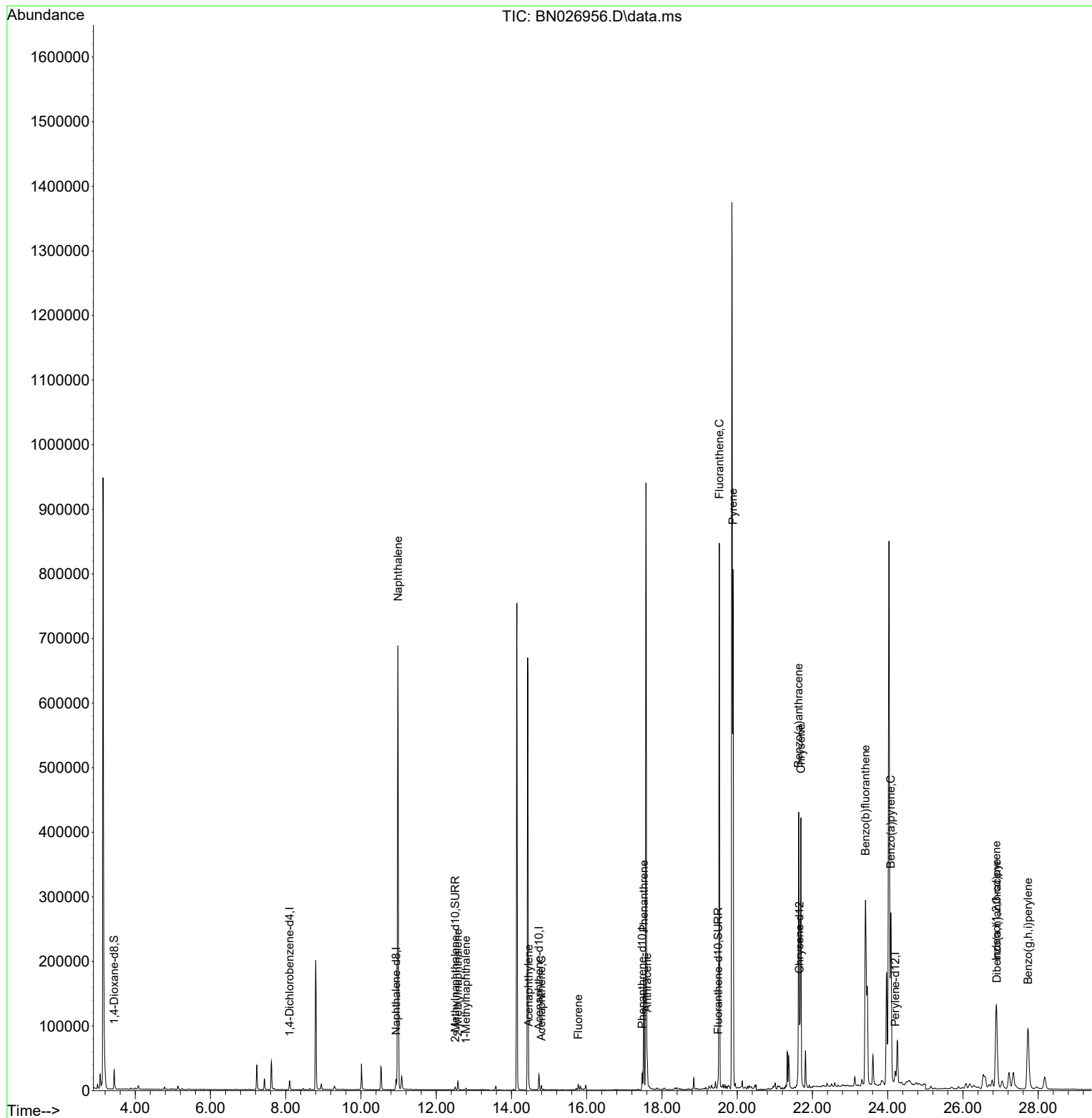
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	6837	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	22579	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	13239	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.476	188	31123	0.400	ng/ul	0.00
17) Chrysene-d12	21.653	240	27529	0.400	ng/ul	0.00
23) Perylene-d12	24.199	264	27562	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	22133	2.727	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	5753	0.173	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	15144	0.174	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	928203	14.548	ng/ul	99
7) 2-Methylnaphthalene	12.577	142	9880	0.256	ng/ul	99
8) 1-Methylnaphthalene	12.792	142	1851	0.046	ng/ul	100
10) Acenaphthylene	14.458	152	8495	0.115	ng/ul	97
11) Acenaphthene	14.796	153	3961	0.077	ng/ul	99
12) Fluorene	15.776	166	5744	0.099	ng/ul	98
15) Phenanthrene	17.519	178	184956	1.809	ng/ul	100
16) Anthracene	17.607	178	43053	0.466	ng/ul	99
19) Fluoranthene	19.524	202	715603	6.258	ng/ul	99
20) Pyrene	19.887	202	667302	5.469	ng/ul	99
21) Benzo(a)anthracene	21.632	228	401573	3.668	ng/ul	99
22) Chrysene	21.691	228	408526	3.780	ng/ul	98
24) Benzo(b)fluoranthene	23.410	252	761454	7.304	ng/ul	99
26) Benzo(a)pyrene	24.085	252	406279	4.319	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.887	276	254412	2.067	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.904	278	59179	0.603	ng/ul	96
29) Benzo(g,h,i)perylene	27.729	276	231515	2.260	ng/ul	99

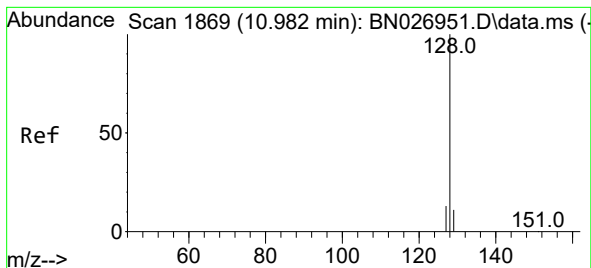
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 14.548 ng/ul

RT: 10.982 min Scan# 1869

Delta R.T. 0.000 min

Lab File: BN026956.D

Acq: 18 Aug 2023 12:28

Instrument :

BNA_N

ClientSampleId :

A48J5

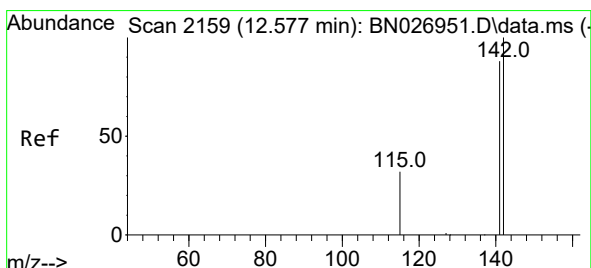
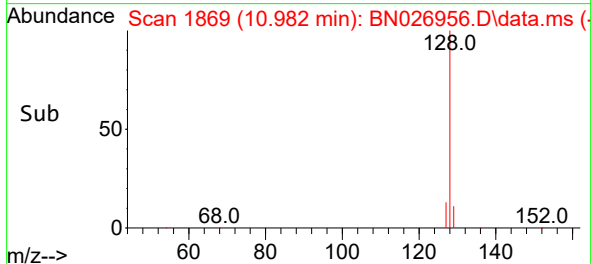
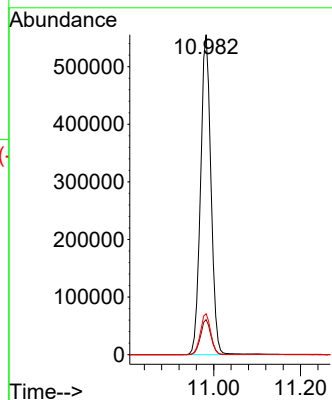
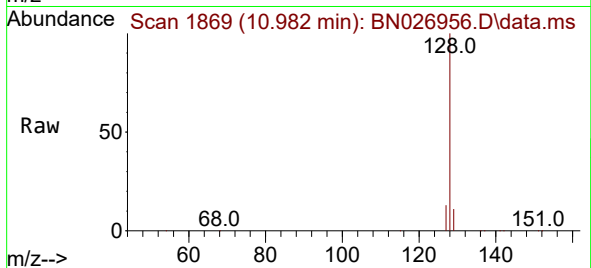
Tgt Ion:128 Resp: 928203

Ion Ratio Lower Upper

128 100

129 11.0 9.2 13.8

127 12.8 10.5 15.7



#7

2-Methylnaphthalene

Concen: 0.256 ng/ul

RT: 12.577 min Scan# 2159

Delta R.T. -0.005 min

Lab File: BN026956.D

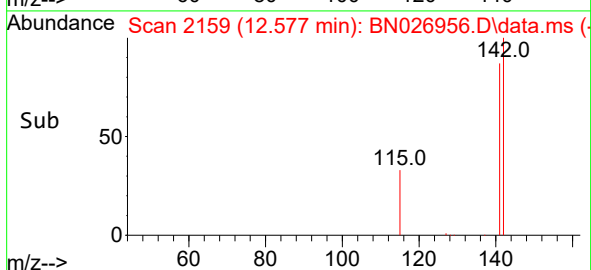
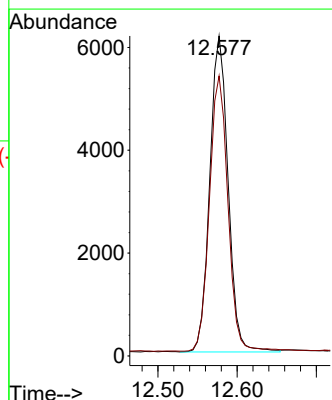
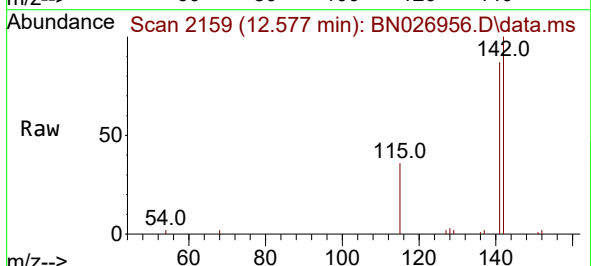
Acq: 18 Aug 2023 12:28

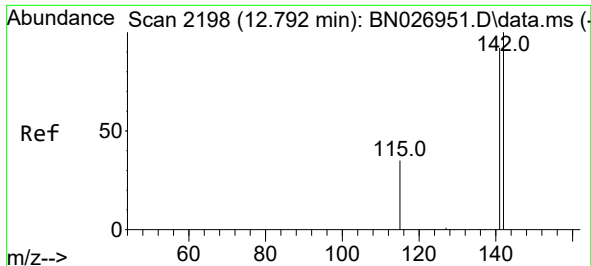
Tgt Ion:142 Resp: 9880

Ion Ratio Lower Upper

142 100

141 87.8 70.9 106.3

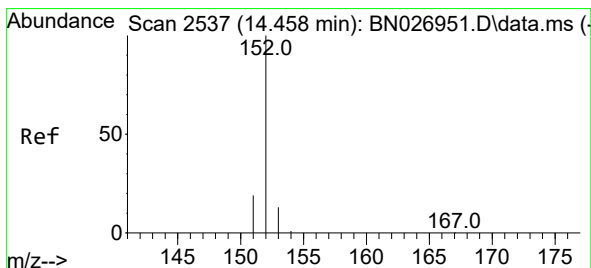
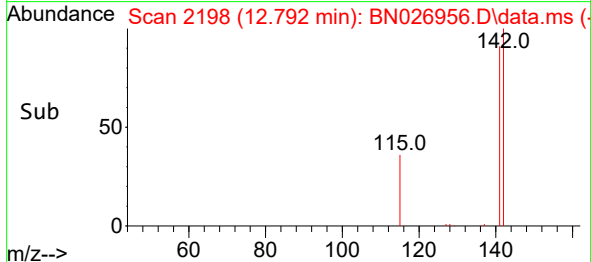
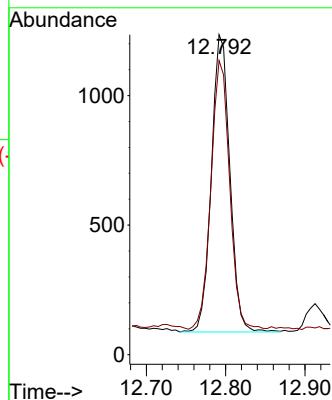
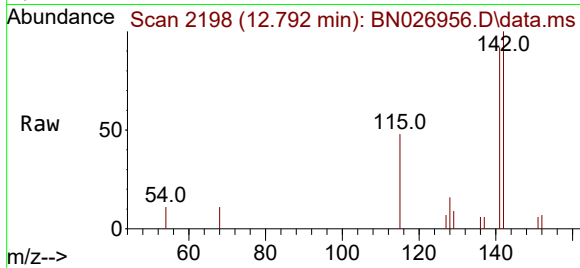




#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

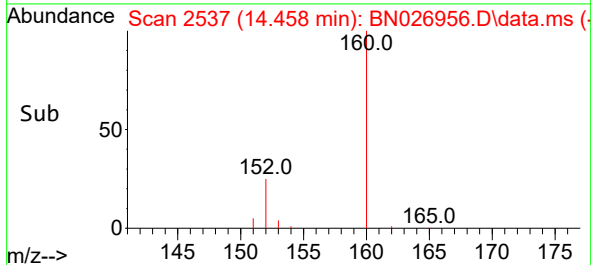
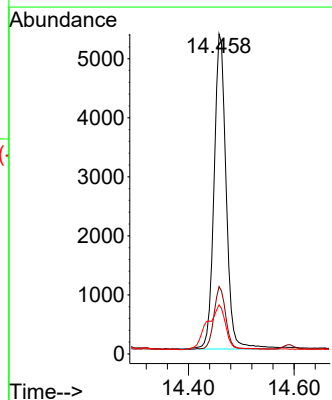
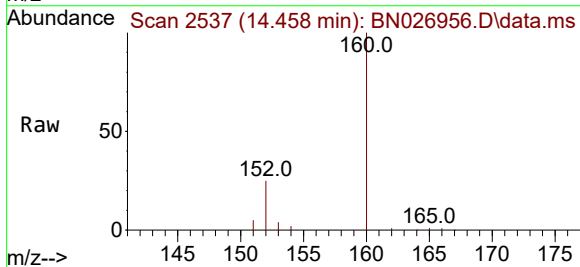
Instrument :
BNA_N
ClientSampleId :
A48J5

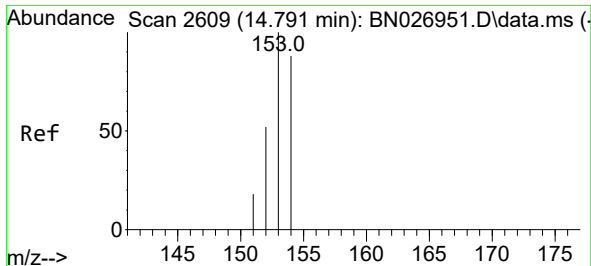
Tgt Ion:142 Resp: 1851
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8



#10
Acenaphthylene
Concen: 0.115 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.004 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

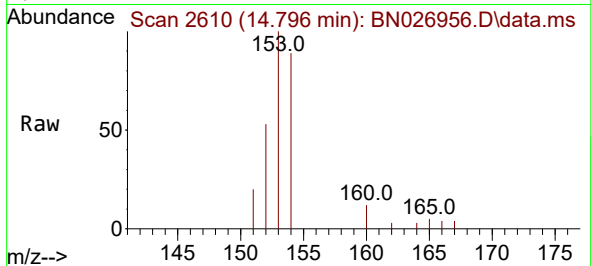
Tgt Ion:152 Resp: 8495
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 15.4 11.0 16.6



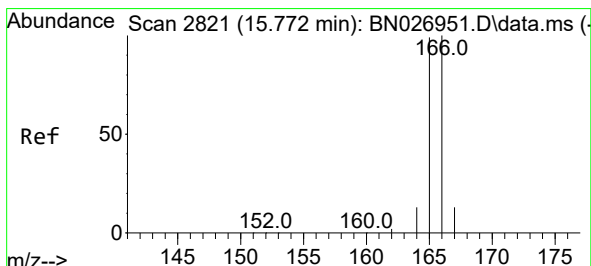
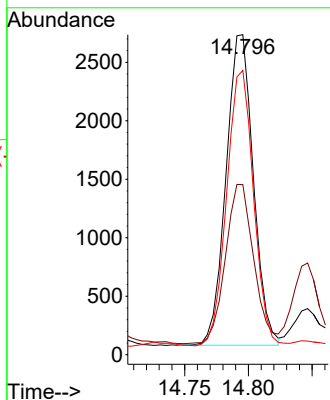
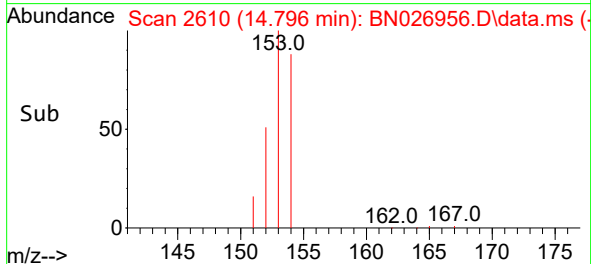


#11
Acenaphthene
Concen: 0.077 ng/ul
RT: 14.796 min Scan# 2610
Delta R.T. -0.004 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

Instrument :
BNA_N
ClientSampleId :
A48J5

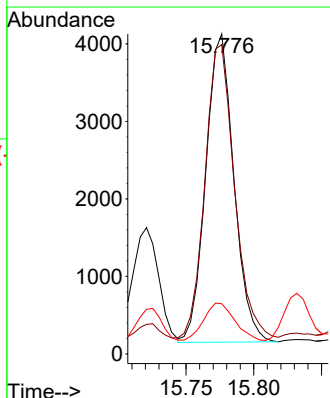
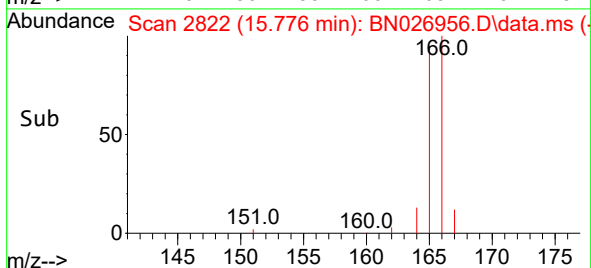
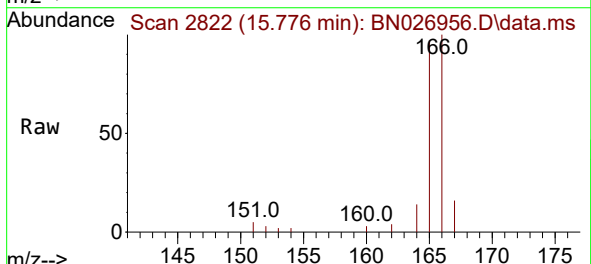


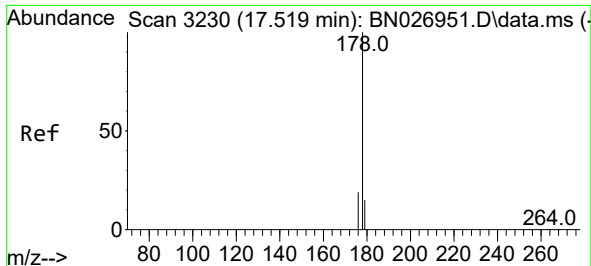
Tgt Ion:153 Resp: 3961
Ion Ratio Lower Upper
153 100
152 53.1 41.1 61.7
154 88.8 71.6 107.4



#12
Fluorene
Concen: 0.099 ng/ul
RT: 15.776 min Scan# 2822
Delta R.T. -0.004 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

Tgt Ion:166 Resp: 5744
Ion Ratio Lower Upper
166 100
165 96.7 79.1 118.7
167 15.7 11.4 17.0

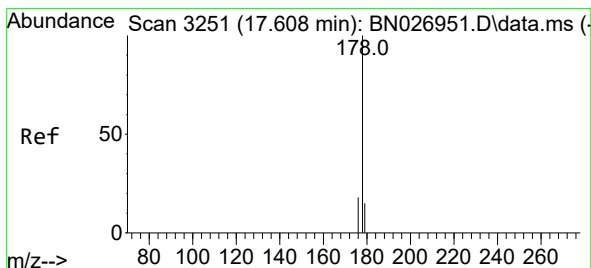
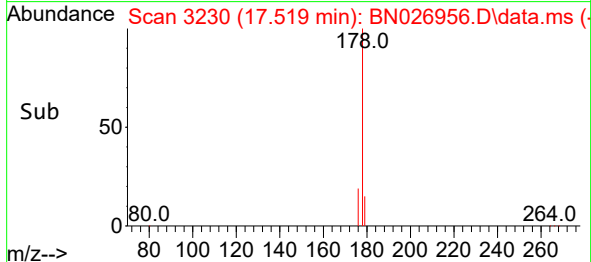
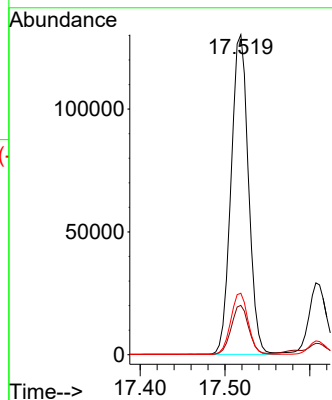
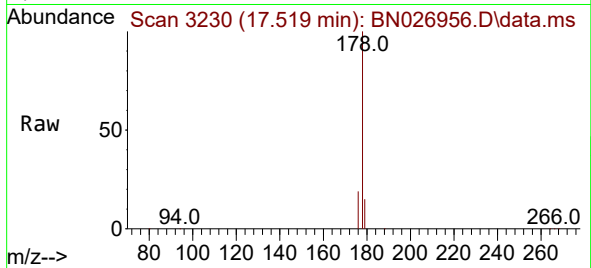




#15
Phenanthrene
Concen: 1.809 ng/ul
RT: 17.519 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

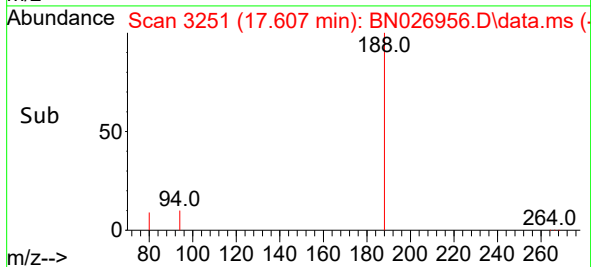
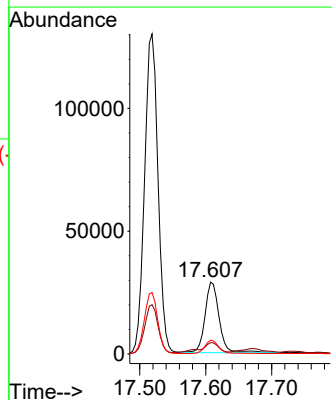
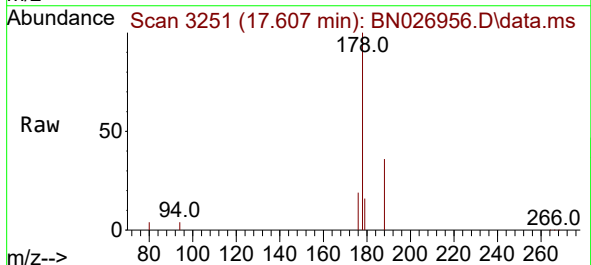
Instrument :
BNA_N
ClientSampleId :
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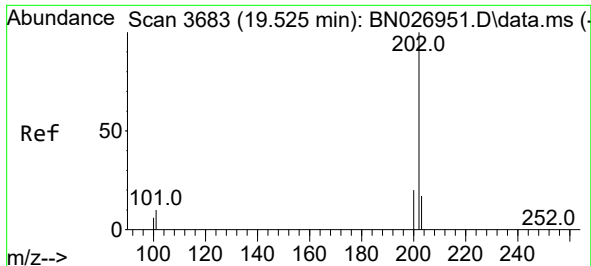
Tgt Ion:178 Resp: 184956
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.4 23.2



#16
Anthracene
Concen: 0.466 ng/ul
RT: 17.607 min Scan# 3251
Delta R.T. -0.009 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

Tgt Ion:178 Resp: 43053
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.1 15.0 22.6

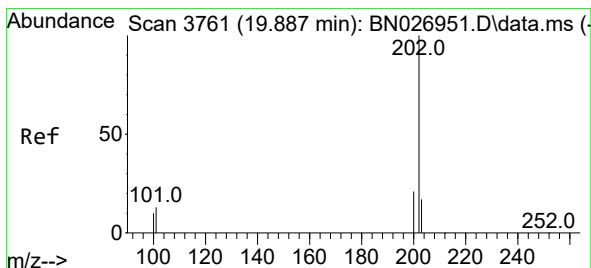
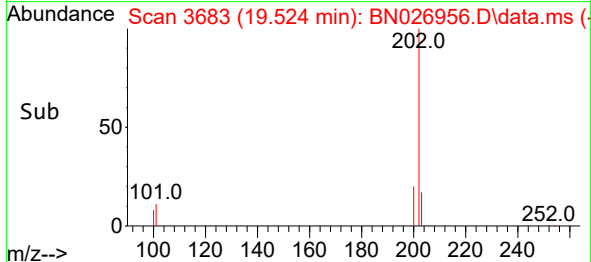
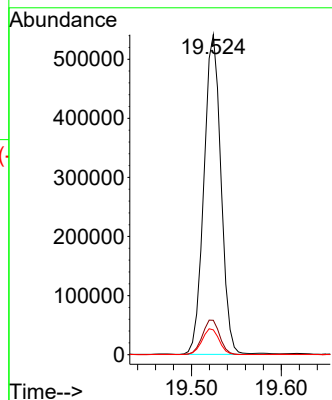
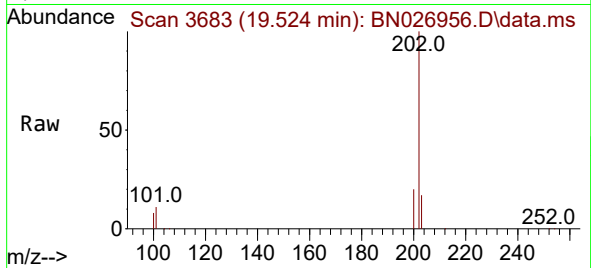




#19
Fluoranthene
Concen: 6.258 ng/ul
RT: 19.524 min Scan# 3683
Delta R.T. -0.005 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

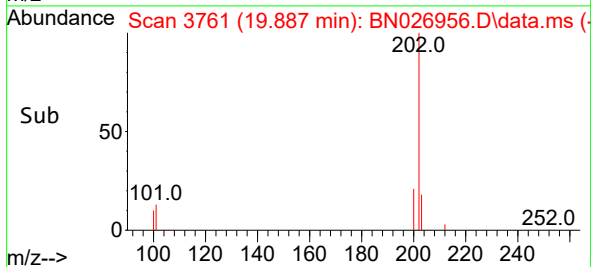
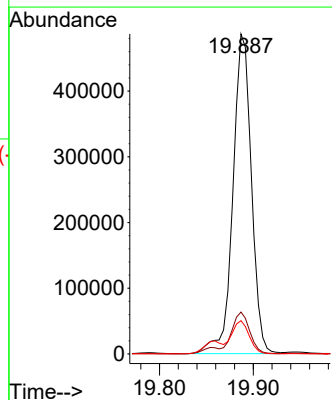
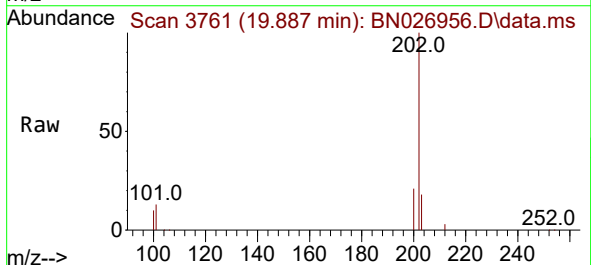
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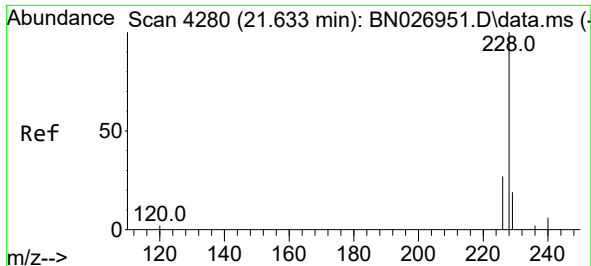
Tgt Ion:202 Resp: 715603
Ion Ratio Lower Upper
202 100
101 10.7 8.3 12.5
100 7.8 6.2 9.2



#20
Pyrene
Concen: 5.469 ng/ul
RT: 19.887 min Scan# 3761
Delta R.T. -0.009 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

Tgt Ion:202 Resp: 667302
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.4 8.5 12.7

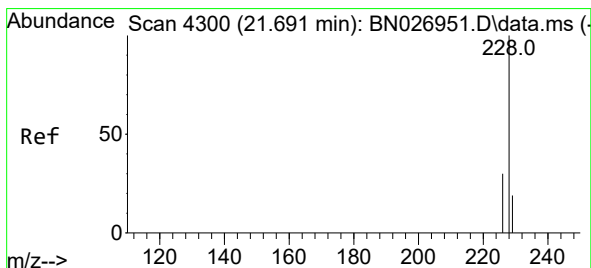
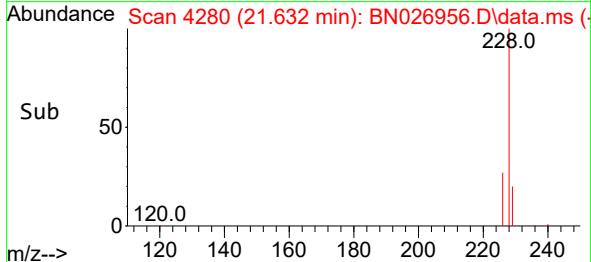
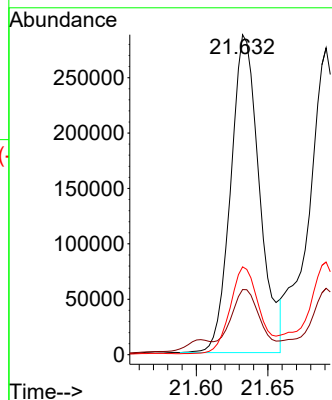
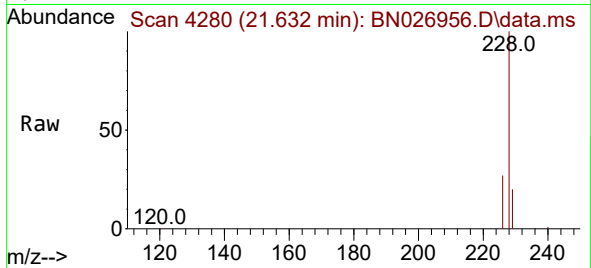




#21
Benzo(a)anthracene
Concen: 3.668 ng/ul
RT: 21.632 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

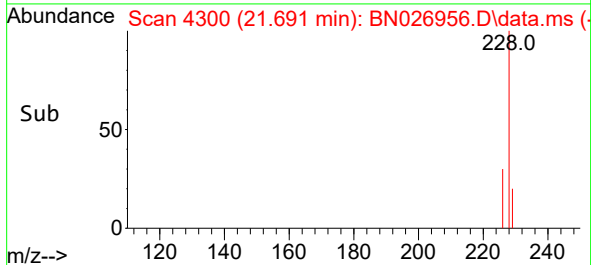
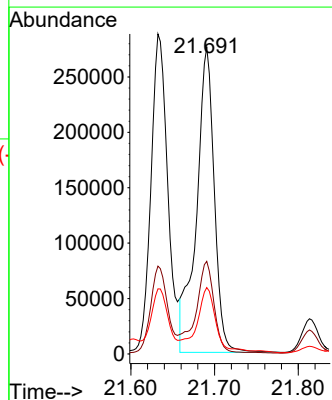
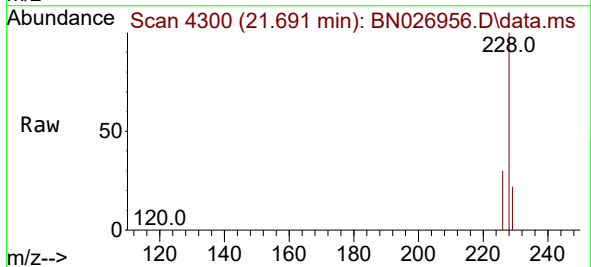
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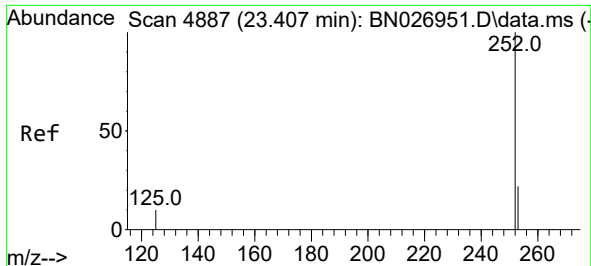
Tgt Ion:228 Resp: 401573
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.5 22.2 33.2



#22
Chrysene
Concen: 3.780 ng/ul
RT: 21.691 min Scan# 4300
Delta R.T. -0.009 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

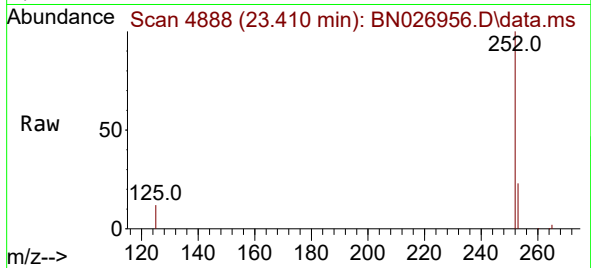
Tgt Ion:228 Resp: 408526
Ion Ratio Lower Upper
228 100
226 30.2 24.6 36.8
229 21.7 15.8 23.6



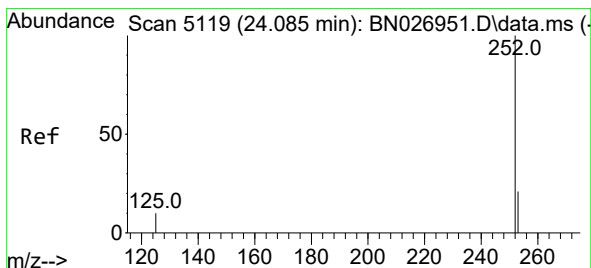
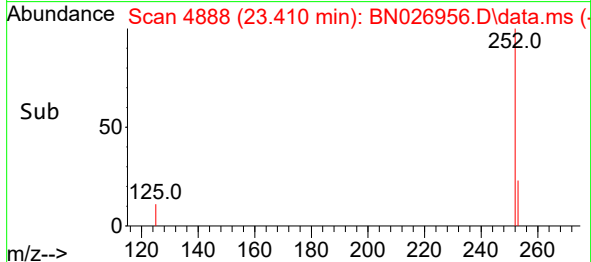
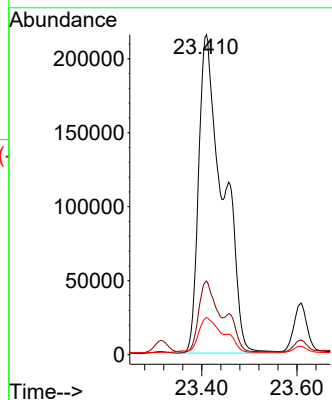


#24
Benzo(b)fluoranthene
Concen: 7.304 ng/ul
RT: 23.410 min Scan# 4888
Delta R.T. -0.012 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

Instrument :
BNA_N
ClientSampleId :
A48J5

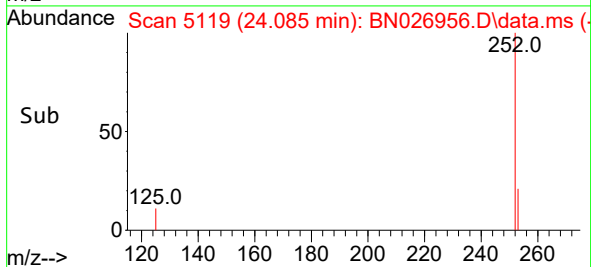
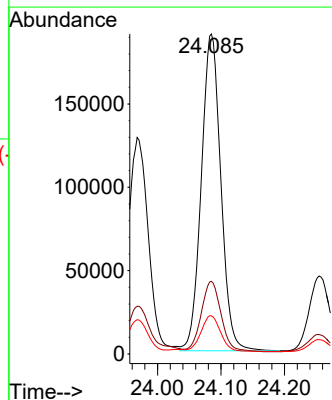
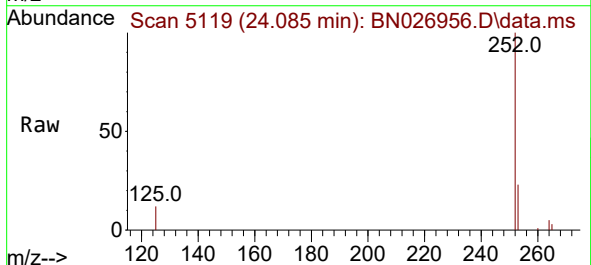


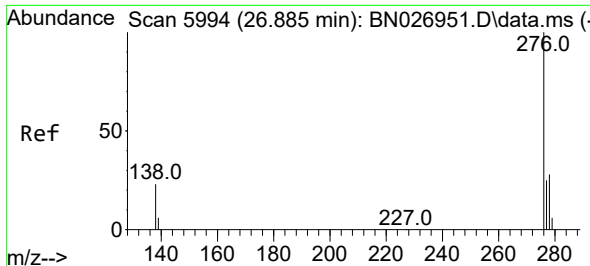
Tgt Ion:252 Resp: 761454
Ion Ratio Lower Upper
252 100
253 23.0 0.0 46.8
125 11.6 0.0 25.2



#26
Benzo(a)pyrene
Concen: 4.319 ng/ul
RT: 24.085 min Scan# 5119
Delta R.T. -0.015 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

Tgt Ion:252 Resp: 406279
Ion Ratio Lower Upper
252 100
253 22.7 19.0 28.6
125 11.9 11.4 17.0





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.067 ng/ul

RT: 26.887 min Scan# 5994

Delta R.T. -0.020 min

Lab File: BN026956.D

Acq: 18 Aug 2023 12:28

Instrument :

BNA_N

ClientSampleId :

A48J5

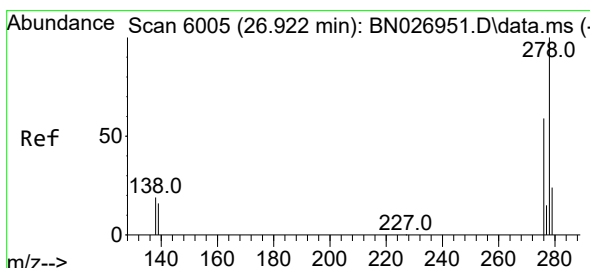
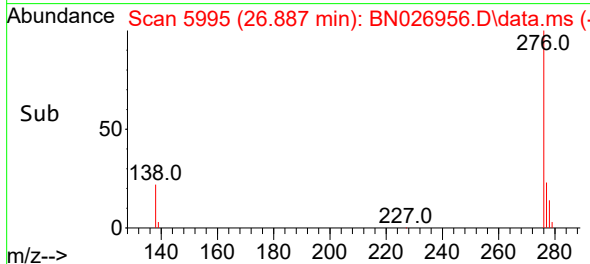
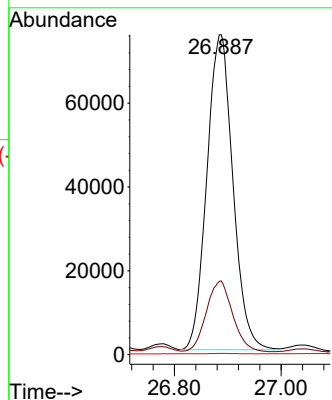
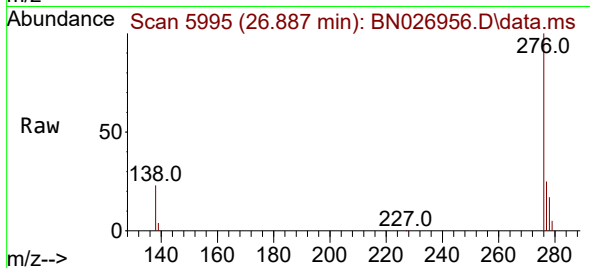
Tgt Ion:276 Resp: 254412

Ion Ratio Lower Upper

276 100

138 22.6 21.6 32.4

227 0.1 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.603 ng/ul

RT: 26.904 min Scan# 6000

Delta R.T. -0.034 min

Lab File: BN026956.D

Acq: 18 Aug 2023 12:28

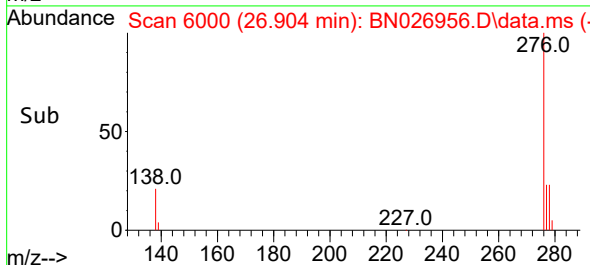
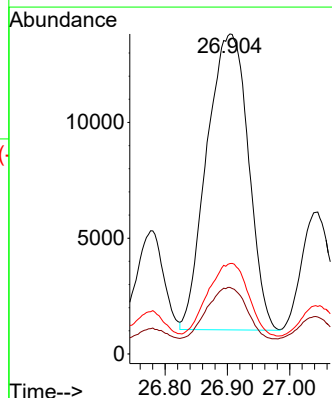
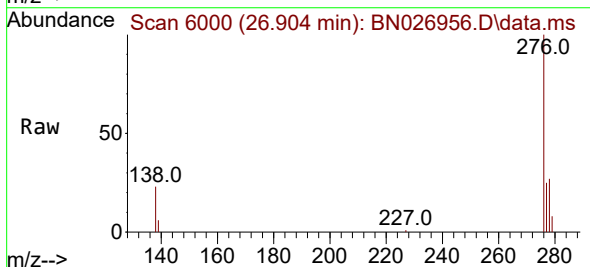
Tgt Ion:278 Resp: 59179

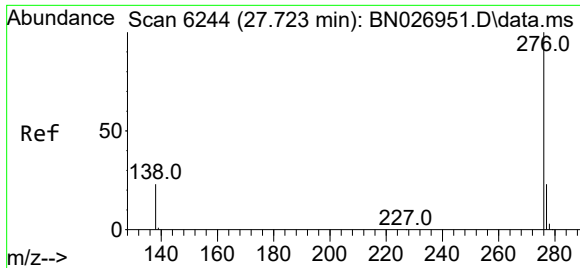
Ion Ratio Lower Upper

278 100

139 20.8 15.7 23.5

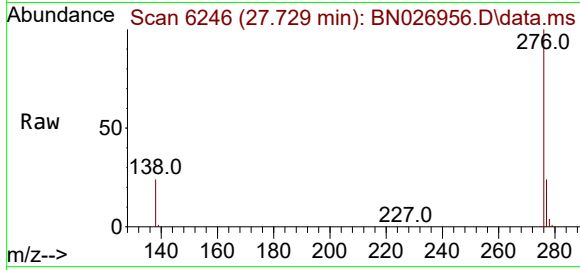
279 28.3 20.2 30.4





#29
Benzo(g,h,i)perylene
Concen: 2.260 ng/ul
RT: 27.729 min Scan# 61
Delta R.T. -0.017 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

Instrument :
BNA_N
ClientSampleId :
A48J5



Tgt Ion:	276	Resp:	231515
Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.3	28.9
277	24.3	19.8	29.8

