

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026960.D
 Acq On : 18 Aug 2023 15:32
 Operator : MA/JU
 Sample : 03965-05DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H1DL

Quant Time: Aug 18 17:22:19 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)

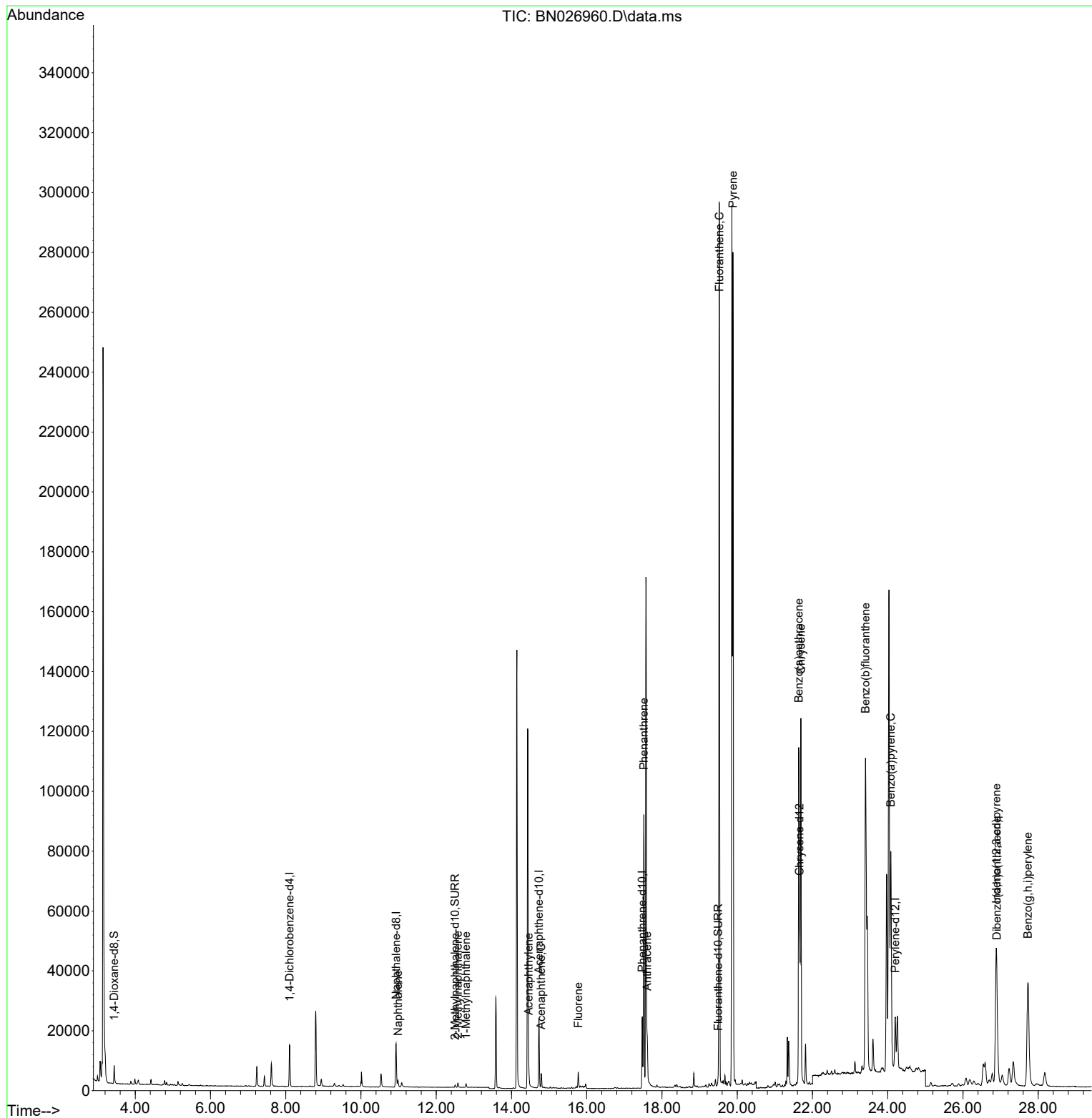
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	6993	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	21544	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	12906	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.476	188	29016	0.400	ng/ul	0.00
17) Chrysene-d12	21.653	240	25438	0.400	ng/ul	0.00
23) Perylene-d12	24.199	264	25244	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	4313	0.520	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1124	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	2957	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	3005	0.049	ng/ul#	91
7) 2-Methylnaphthalene	12.577	142	1114	0.030	ng/ul	97
8) 1-Methylnaphthalene	12.792	142	841	0.022	ng/ul	99
10) Acenaphthylene	14.458	152	5163	0.071	ng/ul	96
11) Acenaphthene	14.791	153	2780	0.056	ng/ul	96
12) Fluorene	15.776	166	3385	0.060	ng/ul	98
15) Phenanthrene	17.519	178	94985	0.996	ng/ul	100
16) Anthracene	17.607	178	14736	0.171	ng/ul	98
19) Fluoranthene	19.524	202	264018	2.499	ng/ul	99
20) Pyrene	19.887	202	234295	2.078	ng/ul	99
21) Benzo(a)anthracene	21.635	228	97968	0.968	ng/ul	100
22) Chrysene	21.691	228	136172	1.364	ng/ul	99
24) Benzo(b)fluoranthene	23.410	252	268844	2.816	ng/ul	99
26) Benzo(a)pyrene	24.082	252	113948	1.323	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.887	276	92813	0.823	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.904	278	19766	0.220	ng/ul	92
29) Benzo(g,h,i)perylene	27.726	276	87402	0.931	ng/ul	99

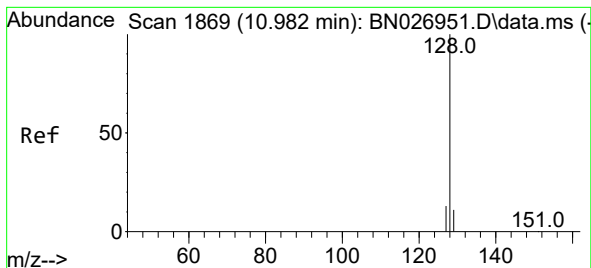
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 18 17:22:19 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





#5

Naphthalene

Concen: 0.049 ng/ul

RT: 10.982 min Scan# 1869

Delta R.T. 0.000 min

Lab File: BN026960.D

Acq: 18 Aug 2023 15:32

Instrument :

BNA_N

ClientSampleId :

A48H1DL

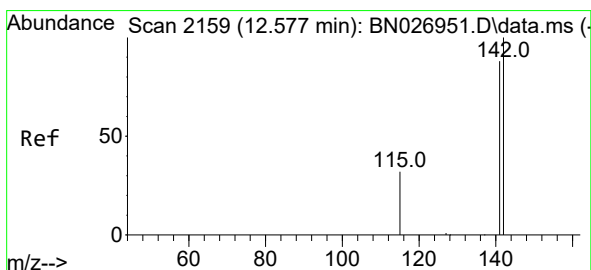
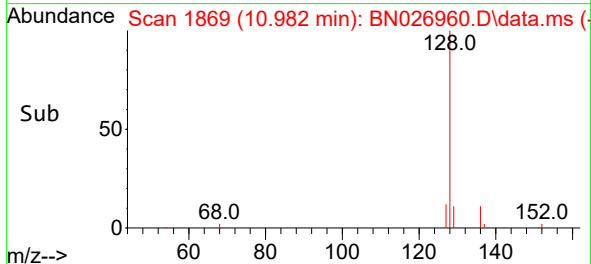
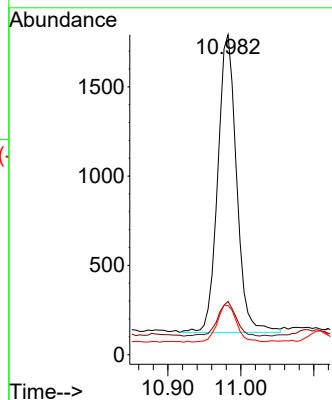
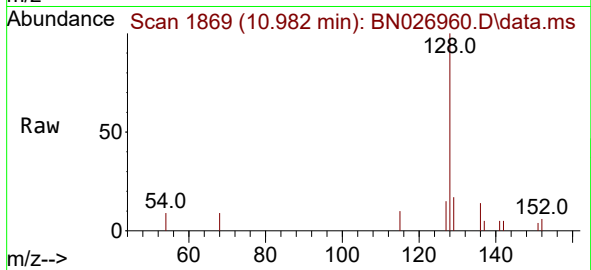
Tgt Ion:128 Resp: 3005

Ion Ratio Lower Upper

128 100

129 16.6 9.2 13.8#

127 15.3 10.5 15.7



#7

2-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.577 min Scan# 2159

Delta R.T. 0.000 min

Lab File: BN026960.D

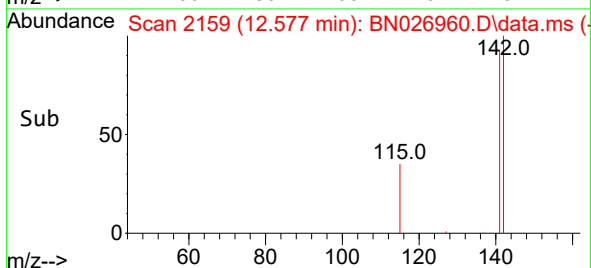
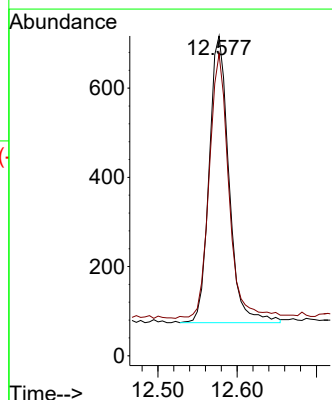
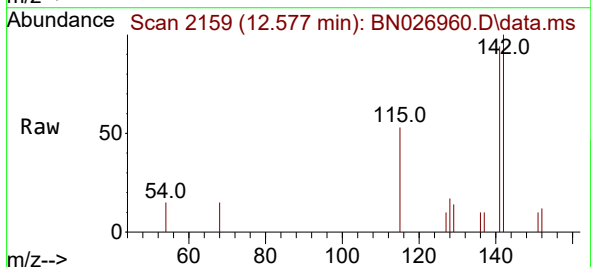
Acq: 18 Aug 2023 15:32

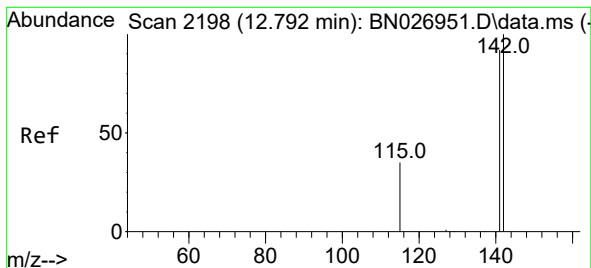
Tgt Ion:142 Resp: 1114

Ion Ratio Lower Upper

142 100

141 91.4 70.9 106.3





#8

1-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.792 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BN026960.D

Acq: 18 Aug 2023 15:32

Instrument :

BNA_N

ClientSampleId :

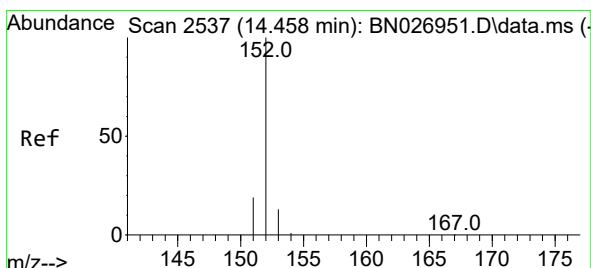
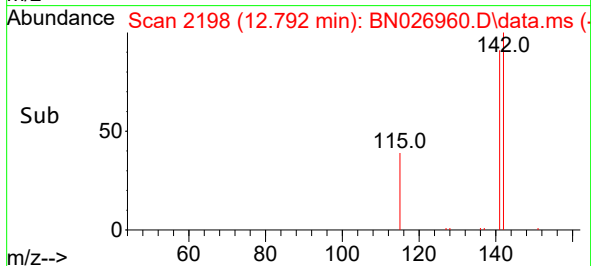
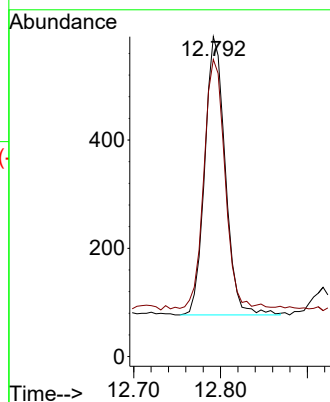
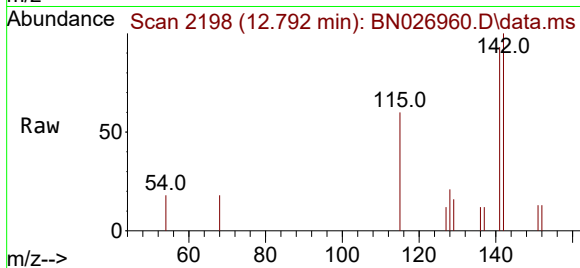
A48H1DL

Tgt Ion:142 Resp: 841

Ion Ratio Lower Upper

142 100

141 92.0 73.2 109.8



#10

Acenaphthylene

Concen: 0.071 ng/ul

RT: 14.458 min Scan# 2537

Delta R.T. 0.000 min

Lab File: BN026960.D

Acq: 18 Aug 2023 15:32

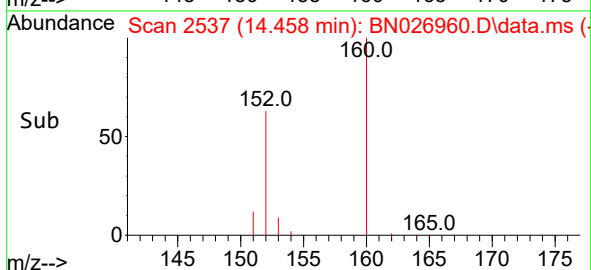
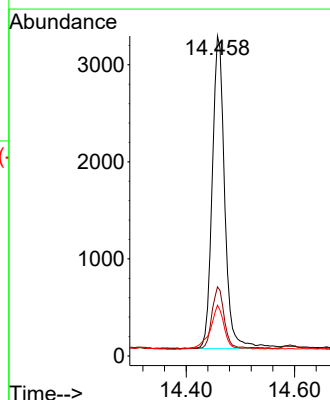
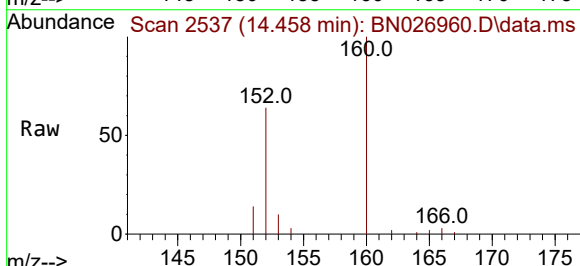
Tgt Ion:152 Resp: 5163

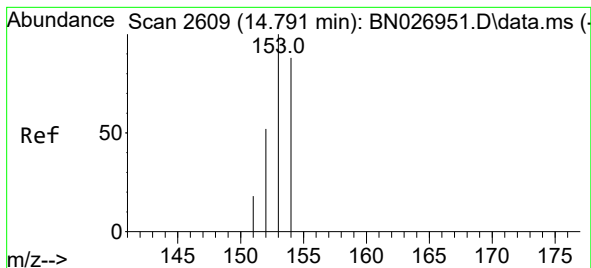
Ion Ratio Lower Upper

152 100

151 21.6 15.9 23.9

153 15.8 11.0 16.6





#11

Acenaphthene

Concen: 0.056 ng/ul

RT: 14.791 min Scan# 2609

Delta R.T. 0.000 min

Lab File: BN026960.D

Acq: 18 Aug 2023 15:32

Instrument :

BNA_N

ClientSampleId :

A48H1DL

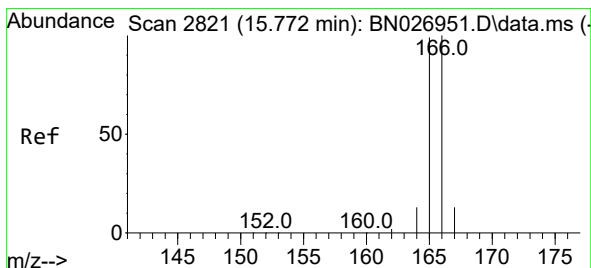
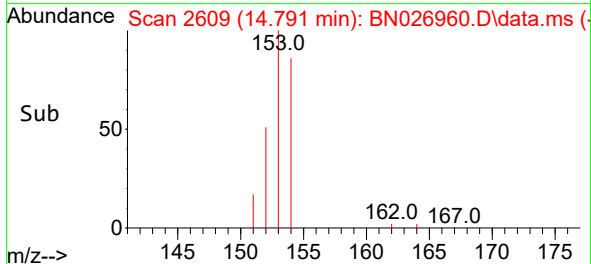
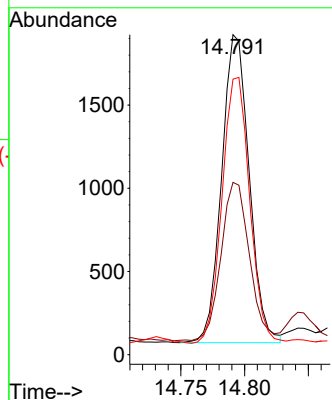
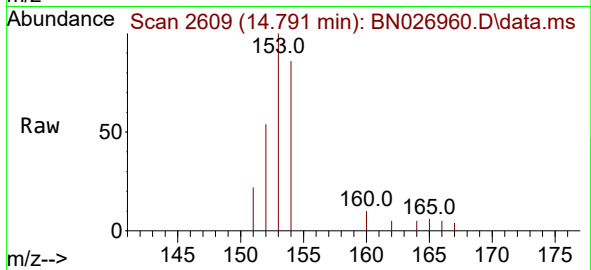
Tgt Ion:153 Resp: 2780

Ion Ratio Lower Upper

153 100

152 53.8 41.1 61.7

154 86.1 71.6 107.4



#12

Fluorene

Concen: 0.060 ng/ul

RT: 15.776 min Scan# 2822

Delta R.T. 0.005 min

Lab File: BN026960.D

Acq: 18 Aug 2023 15:32

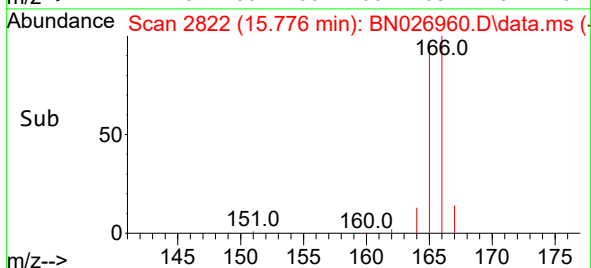
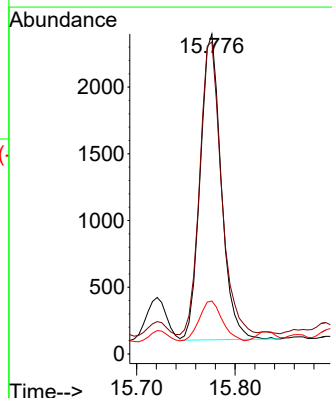
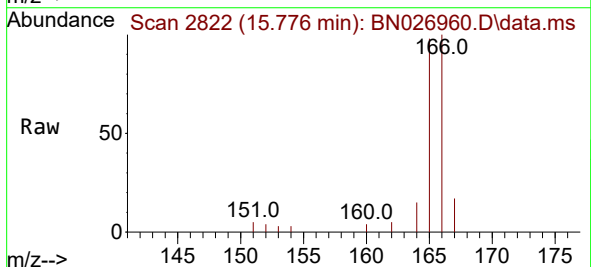
Tgt Ion:166 Resp: 3385

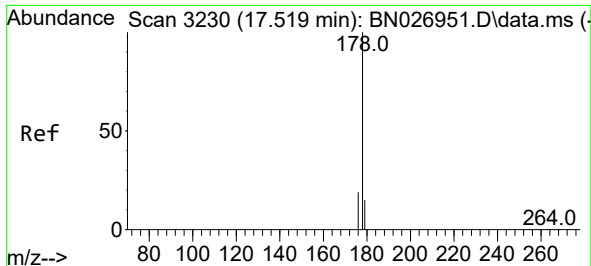
Ion Ratio Lower Upper

166 100

165 97.5 79.1 118.7

167 16.6 11.4 17.0

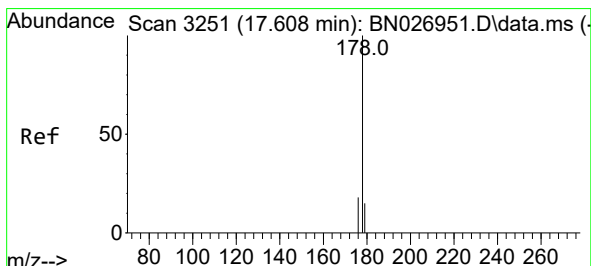
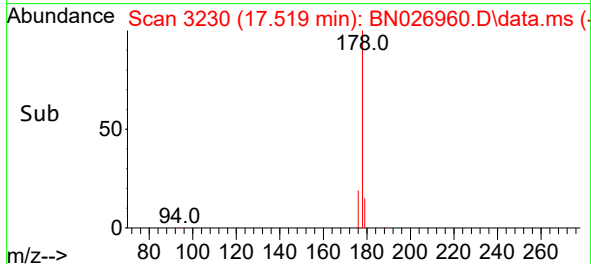
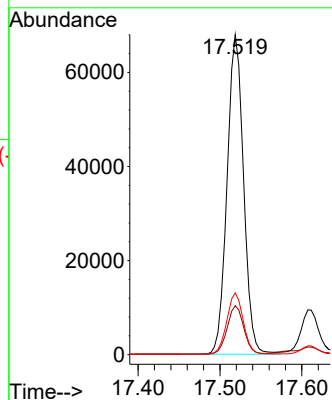
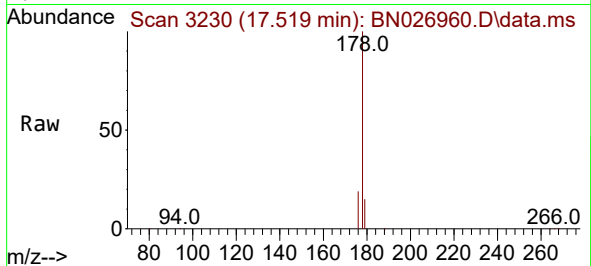




#15
Phenanthrene
Concen: 0.996 ng/ul
RT: 17.519 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

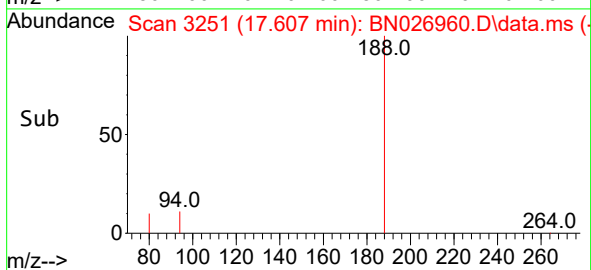
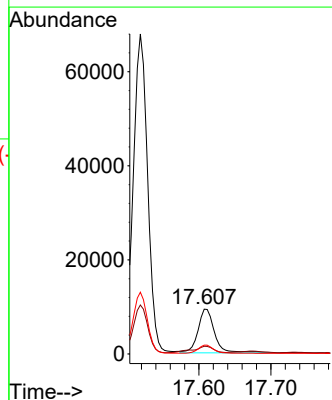
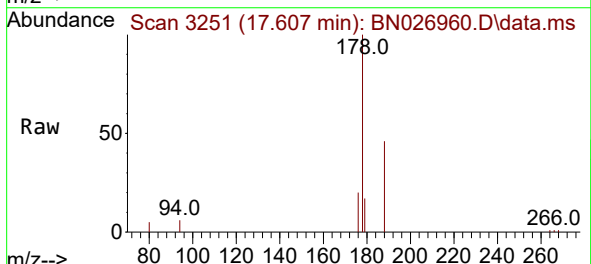
Instrument :
BNA_N
ClientSampleId :
A48H1DL

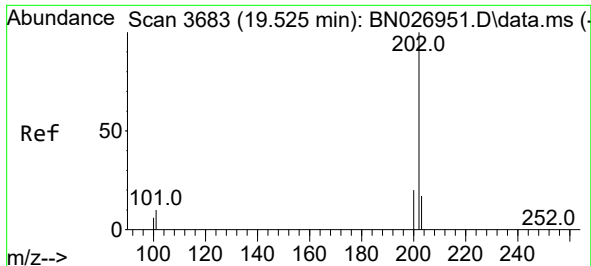
Tgt Ion:178 Resp: 94985
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.3 15.4 23.2



#16
Anthracene
Concen: 0.171 ng/ul
RT: 17.607 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

Tgt Ion:178 Resp: 14736
Ion Ratio Lower Upper
178 100
179 17.1 12.6 19.0
176 19.5 15.0 22.6

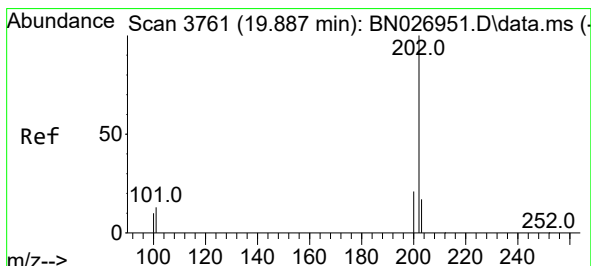
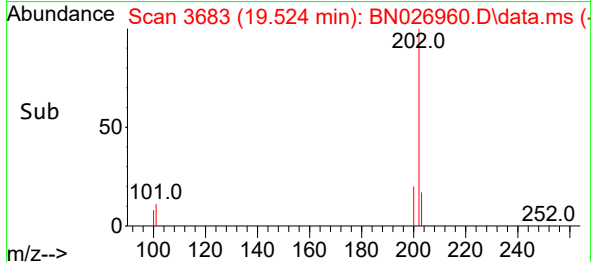
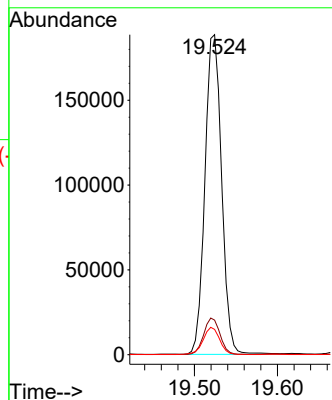
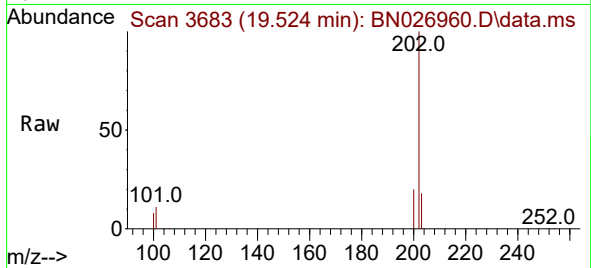




#19
Fluoranthene
Concen: 2.499 ng/ul
RT: 19.524 min Scan# 3683
Delta R.T. -0.000 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

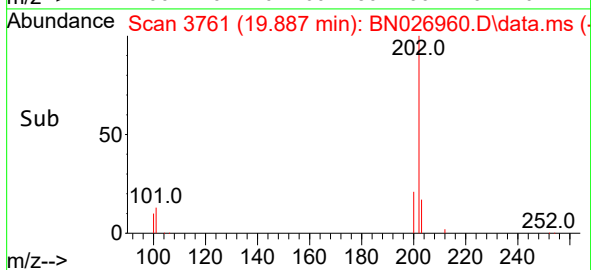
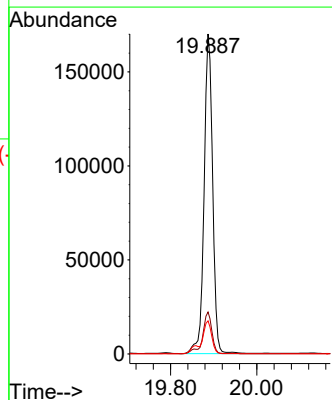
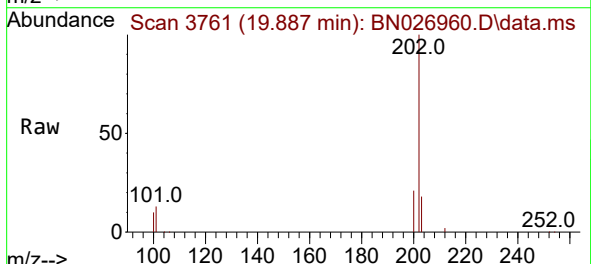
Instrument :
BNA_N
ClientSampleId :
A48H1DL

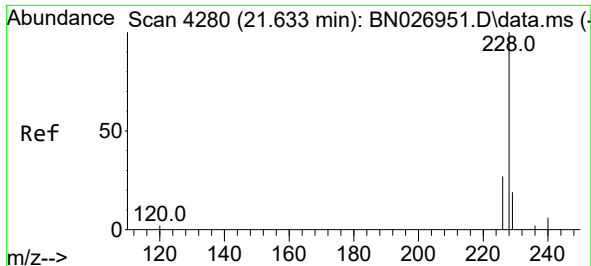
Tgt Ion:202 Resp: 264018
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 7.9 6.2 9.2



#20
Pyrene
Concen: 2.078 ng/ul
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

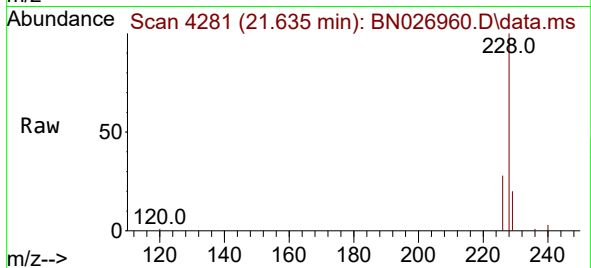
Tgt Ion:202 Resp: 234295
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.3 8.5 12.7



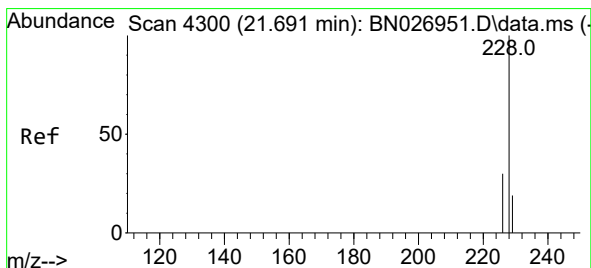
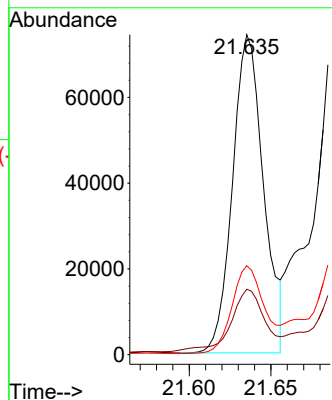
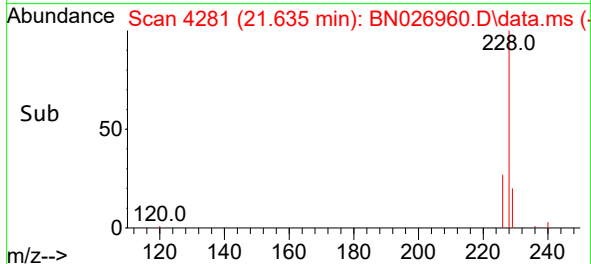


#21
Benzo(a)anthracene
Concen: 0.968 ng/ul
RT: 21.635 min Scan# 4281
Delta R.T. 0.003 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

Instrument :
BNA_N
ClientSampleId :
A48H1DL

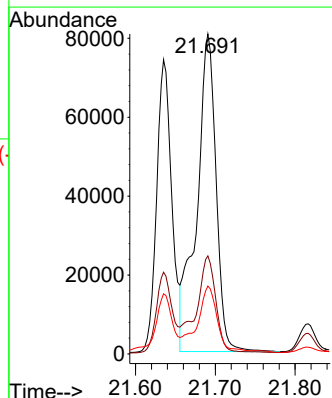
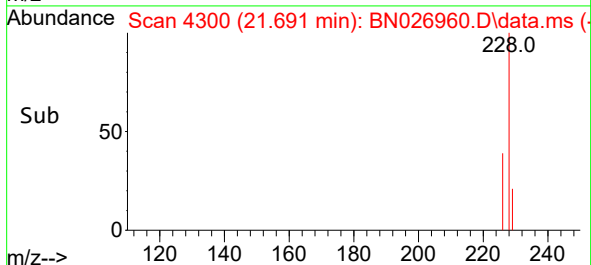
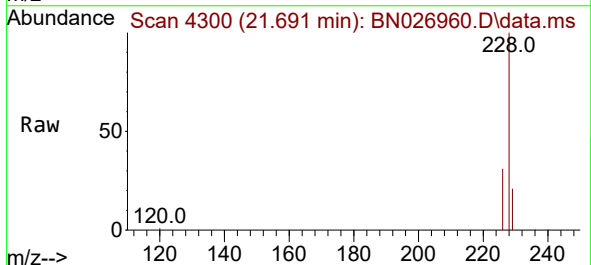


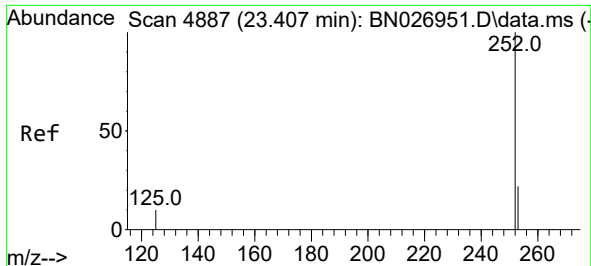
Tgt Ion:228 Resp: 97968
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.8 22.2 33.2



#22
Chrysene
Concen: 1.364 ng/ul
RT: 21.691 min Scan# 4300
Delta R.T. -0.000 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

Tgt Ion:228 Resp: 136172
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 21.2 15.8 23.6

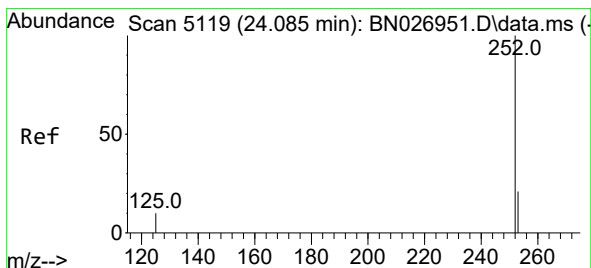
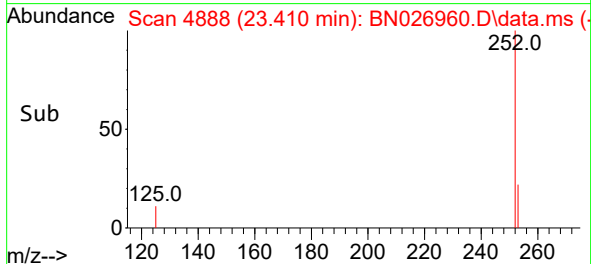
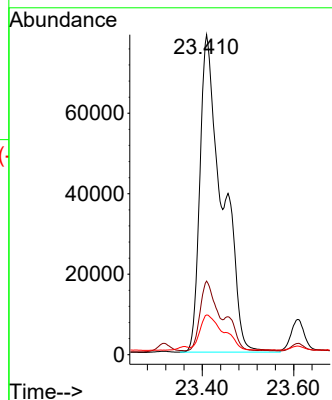
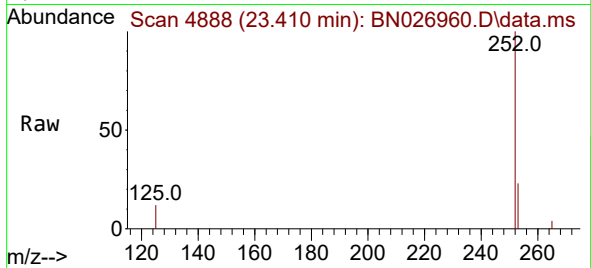




#24
Benzo(b)fluoranthene
Concen: 2.816 ng/ul
RT: 23.410 min Scan# 4888
Delta R.T. 0.003 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

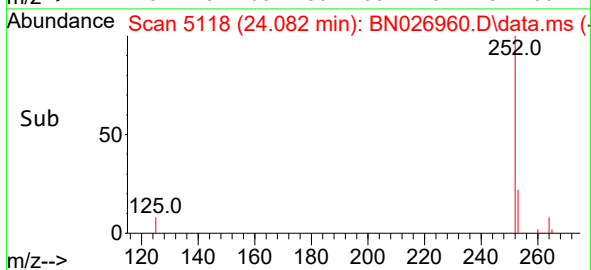
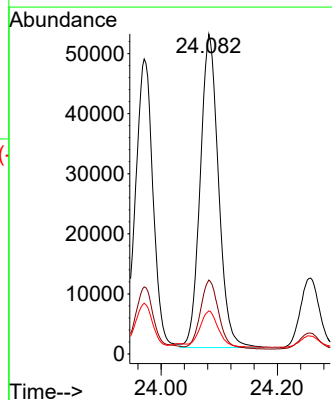
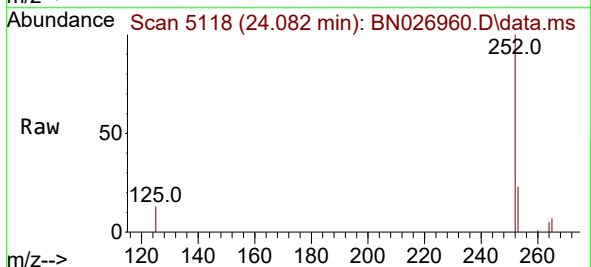
Instrument :
BNA_N
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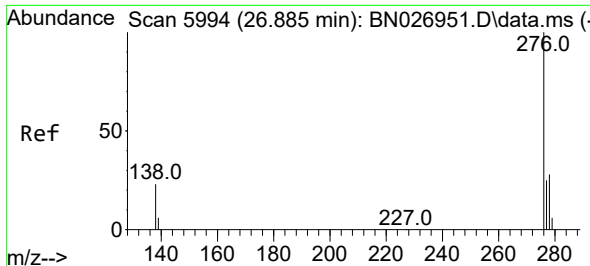
Tgt Ion:252 Resp: 268844
Ion Ratio Lower Upper
252 100
253 23.0 0.0 46.8
125 12.4 0.0 25.2



#26
Benzo(a)pyrene
Concen: 1.323 ng/ul
RT: 24.082 min Scan# 5118
Delta R.T. -0.003 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

Tgt Ion:252 Resp: 113948
Ion Ratio Lower Upper
252 100
253 23.1 19.0 28.6
125 13.4 11.4 17.0

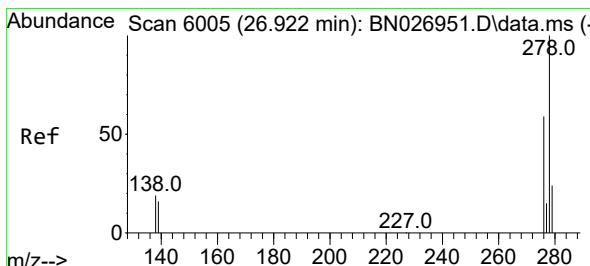
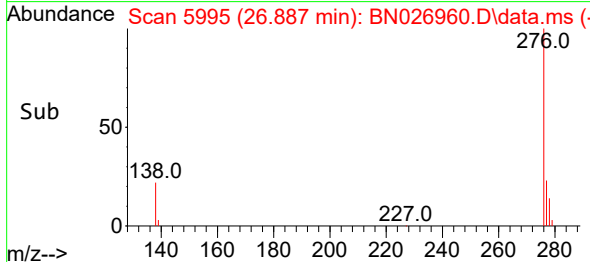
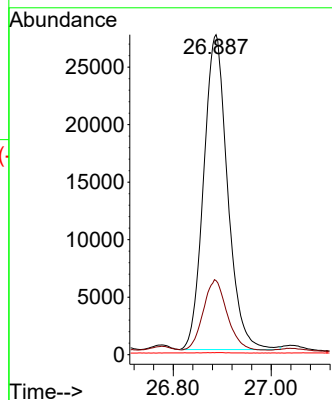
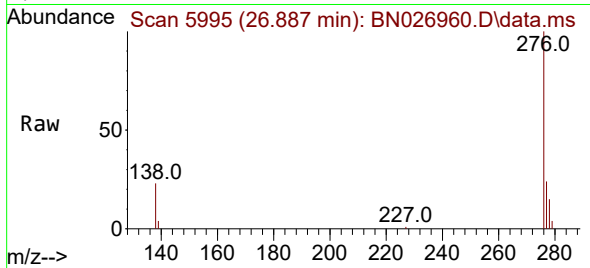




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.823 ng/ul
 RT: 26.887 min Scan# 5994
 Delta R.T. 0.003 min
 Lab File: BN026960.D
 Acq: 18 Aug 2023 15:32

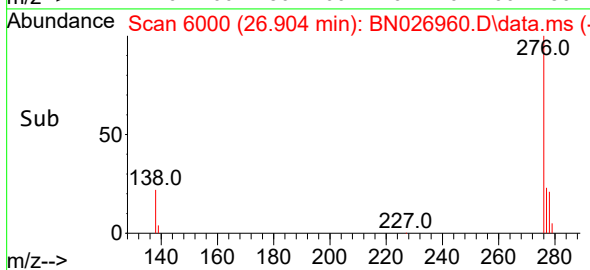
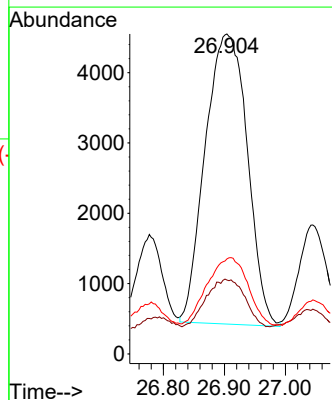
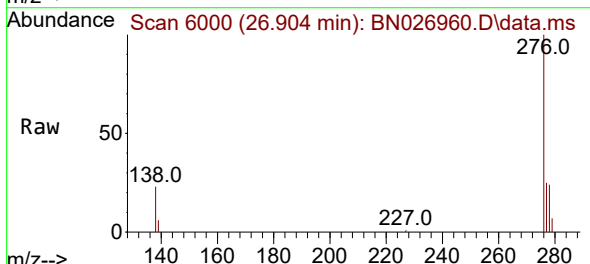
Instrument :
 BNA_N
 ClientSampleId :
 A48H1DL

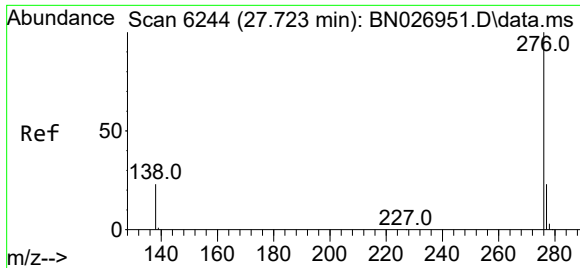
Tgt Ion:276 Resp: 92813
 Ion Ratio Lower Upper
 276 100
 138 22.1 21.6 32.4
 227 0.0 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.220 ng/ul
 RT: 26.904 min Scan# 6000
 Delta R.T. -0.018 min
 Lab File: BN026960.D
 Acq: 18 Aug 2023 15:32

Tgt Ion:278 Resp: 19766
 Ion Ratio Lower Upper
 278 100
 139 23.1 15.7 23.5
 279 29.7 20.2 30.4





#29

Benzo(g,h,i)perylene

Concen: 0.931 ng/ul

RT: 27.726 min Scan# 61

Delta R.T. 0.003 min

Lab File: BN026960.D

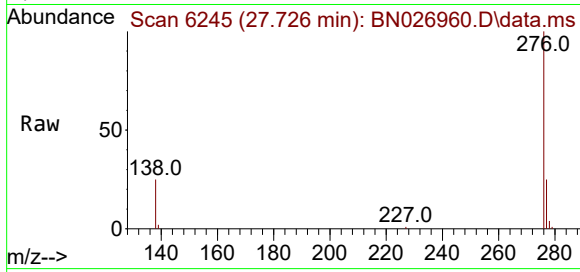
Acq: 18 Aug 2023 15:32

Instrument :

BNA_N

ClientSampleId :

A48H1DL



Tgt Ion:276 Resp: 87402

Ion Ratio Lower Upper

276 100

138 24.5 19.3 28.9

277 24.6 19.8 29.8

