

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026600.D
 Acq On : 20 Jul 2023 20:10
 Operator : MA/JU
 Sample : 03452-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 20 21:49:26 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 16:21:17 2023
 Response via : Initial Calibration

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

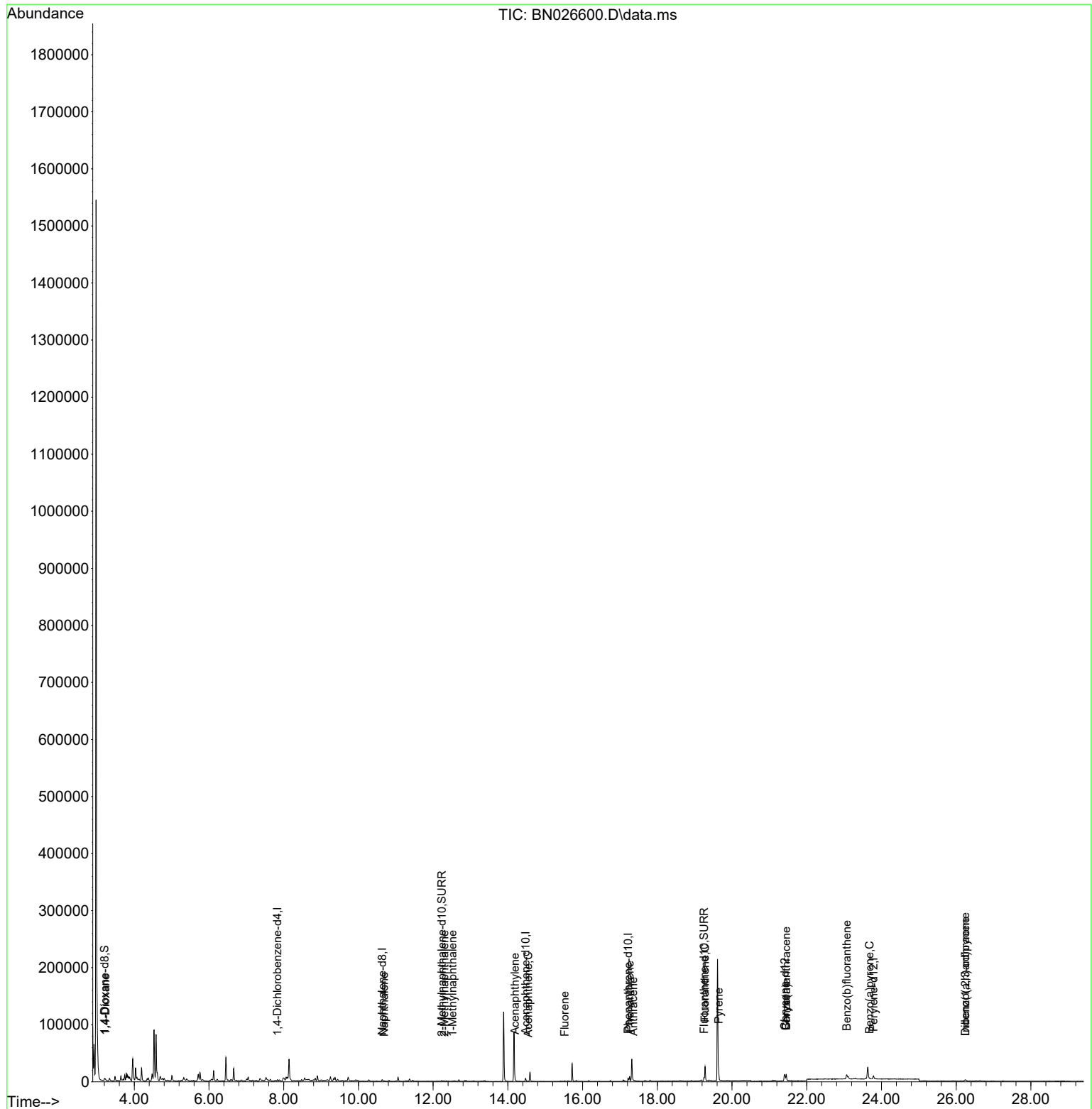
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	1393	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.636	136	4482	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.472	164	3190	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	8931	0.400	ng/ul	0.00
17) Chrysene-d12	21.413	240	8250	0.400	ng/ul	-0.01
23) Perylene-d12	23.787	264	7410	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	2657	1.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	1799	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	6721	0.235	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.229	88	444	0.256	ng/ul#	1
5) Naphthalene	10.685	128	1341	0.109	ng/ul#	82
7) 2-Methylnaphthalene	12.302	142	273	0.039	ng/ul	95
8) 1-Methylnaphthalene	12.517	142	199	0.027	ng/ul	85
10) Acenaphthylene	14.194	152	949	0.061	ng/ul#	67
11) Acenaphthene	14.541	153	455	0.038	ng/ul	95
12) Fluorene	15.522	166	672	0.054	ng/ul#	95
15) Phenanthrene	17.261	178	9376	0.330	ng/ul	99
16) Anthracene	17.354	178	691	0.028	ng/ul#	70
19) Fluoranthene	19.278	202	23778	0.615	ng/ul	96
20) Pyrene	19.641	202	18099	0.431	ng/ul	98
21) Benzo(a)anthracene	21.449	228	12461	0.411	ng/ul	93
22) Chrysene	21.449	228	11696	0.339	ng/ul	95
24) Benzo(b)fluoranthene	23.068	252	19283	0.668	ng/ul	96
26) Benzo(a)pyrene	23.682	252	1015	0.039	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.244	276	4333	0.129	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.244	278	1430	0.055	ng/ul#	14

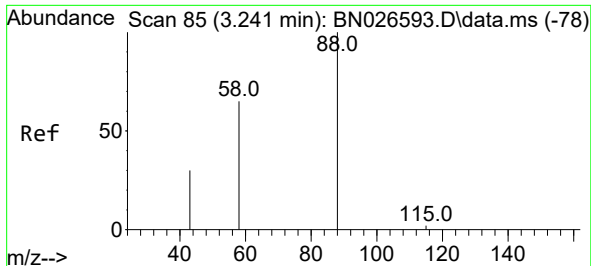
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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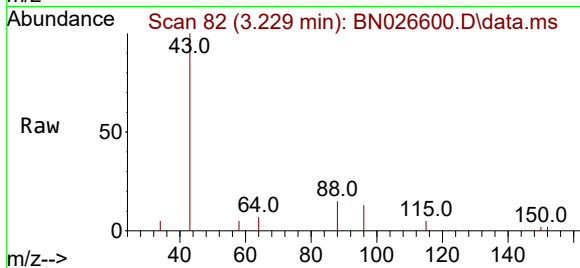
Quant Time: Jul 20 21:49:26 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 16:21:17 2023
Response via : Initial Calibration



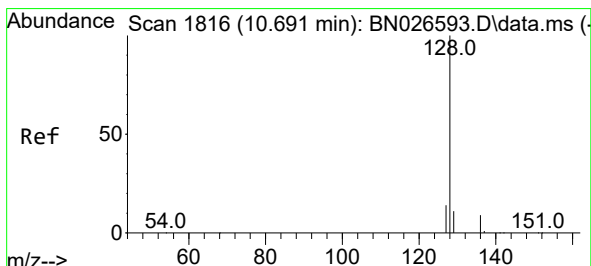
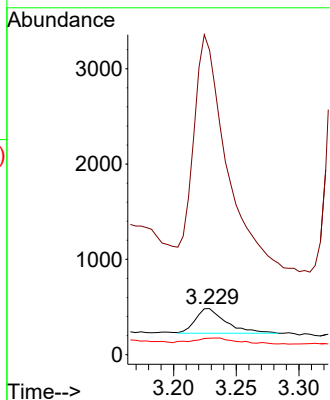
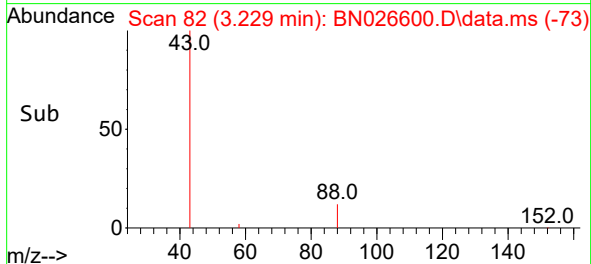


#2
1,4-Dioxane
Concen: 0.256 ng/ul
RT: 3.229 min Scan# 81
Delta R.T. -0.013 min
Lab File: BN026600.D
Acq: 20 Jul 2023 20:10

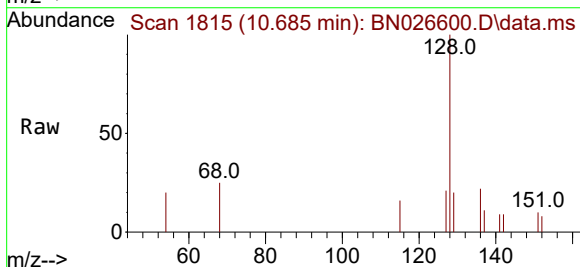
Instrument :
BNA_N
ClientSampleId :



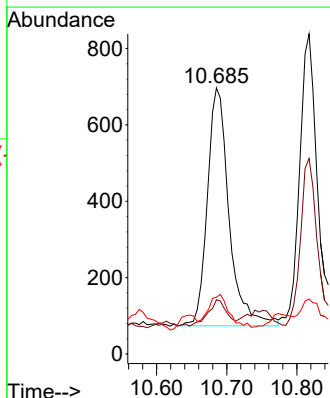
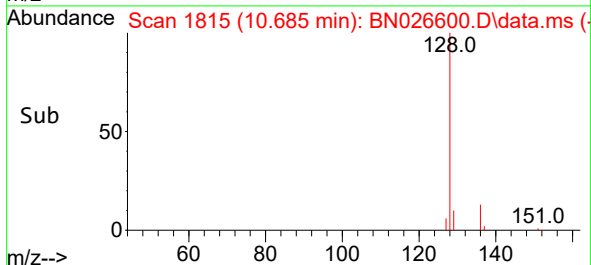
Tgt Ion: 88 Resp: 444
Ion Ratio Lower Upper
88 100
43 660.1 33.0 49.6#
58 35.5 41.7 62.5#

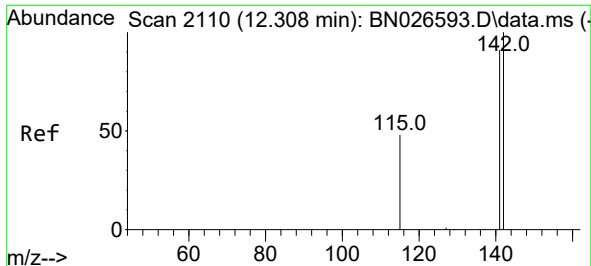


#5
Naphthalene
Concen: 0.109 ng/ul
RT: 10.685 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BN026600.D
Acq: 20 Jul 2023 20:10



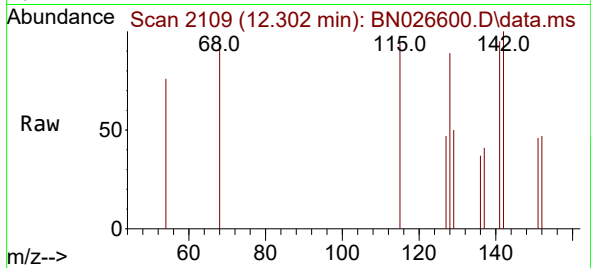
Tgt Ion: 128 Resp: 1341
Ion Ratio Lower Upper
128 100
129 20.4 10.2 15.2#
127 21.4 11.4 17.0#



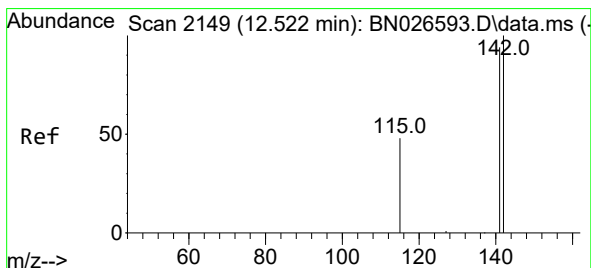
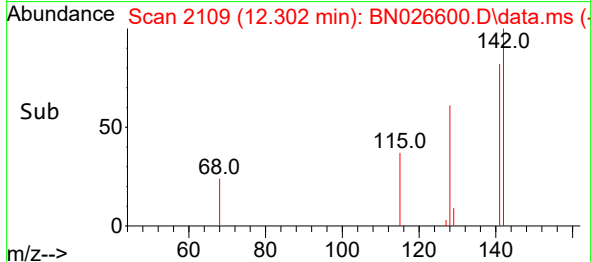
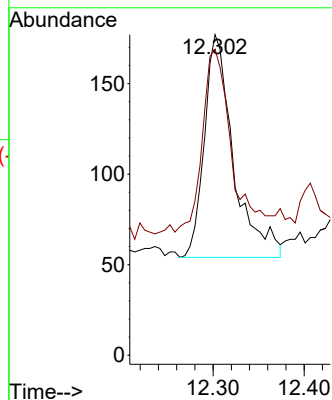


#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.302 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BN026600.D
Acq: 20 Jul 2023 20:10

Instrument :
BNA_N
ClientSampleId :

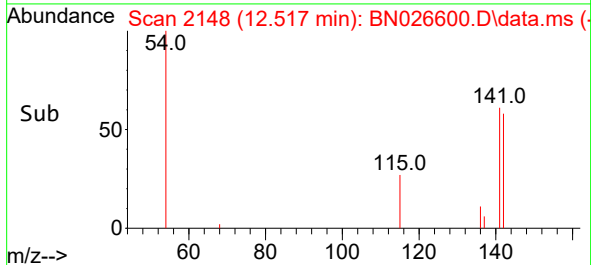
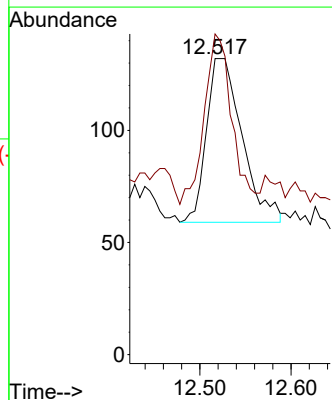
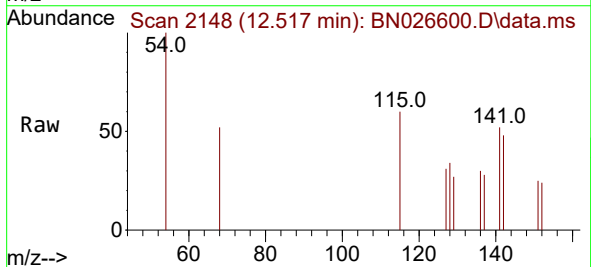


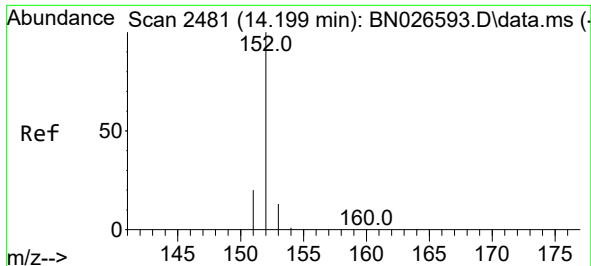
Tgt Ion:142 Resp: 273
Ion Ratio Lower Upper
142 100
141 85.7 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BN026600.D
Acq: 20 Jul 2023 20:10

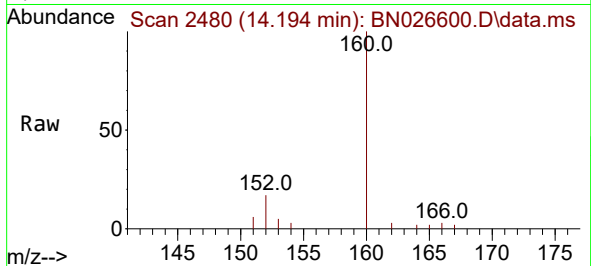
Tgt Ion:142 Resp: 199
Ion Ratio Lower Upper
142 100
141 78.9 74.5 111.7



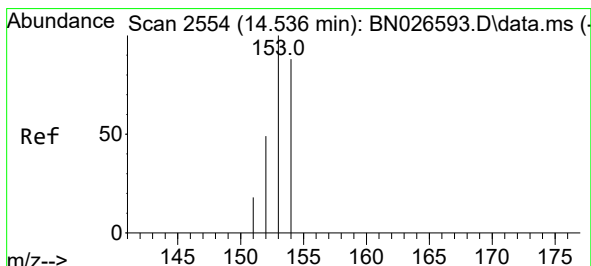
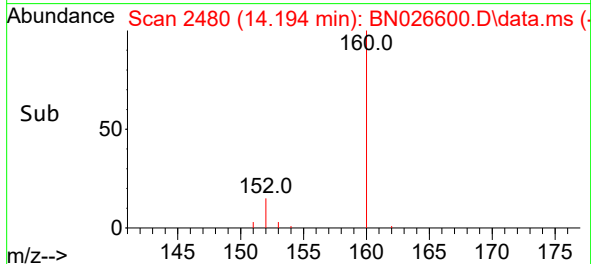
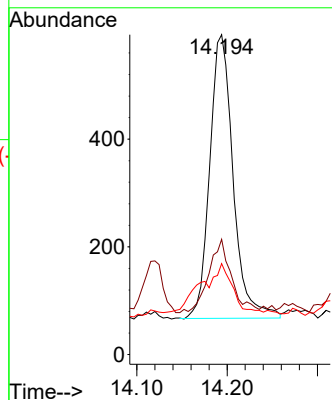


#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.194 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN026600.D
Acq: 20 Jul 2023 20:10

Instrument :
BNA_N
ClientSampleId :

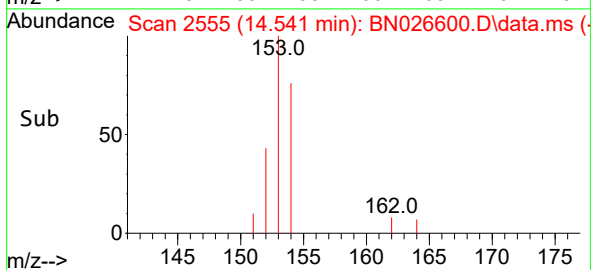
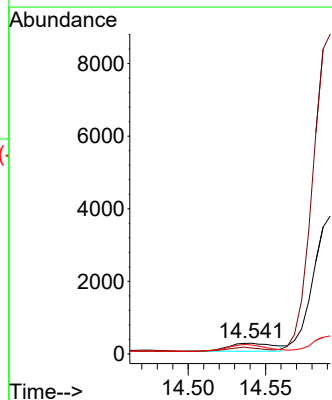
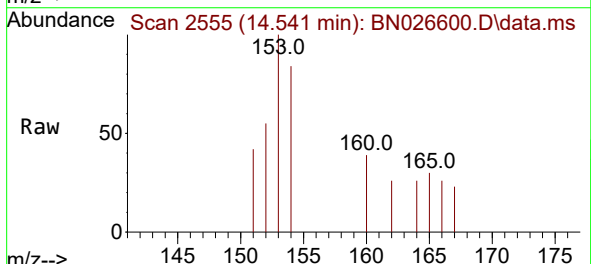


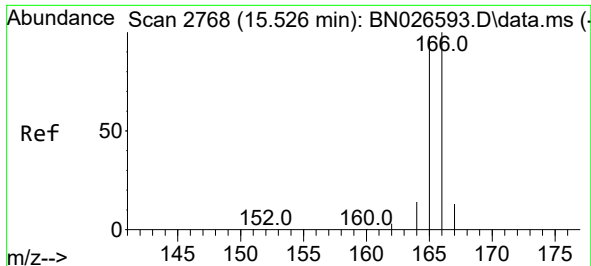
Tgt Ion:152 Resp: 949
Ion Ratio Lower Upper
152 100
151 36.0 17.0 25.6#
153 28.5 11.4 17.2#



#11
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.541 min Scan# 2555
Delta R.T. 0.005 min
Lab File: BN026600.D
Acq: 20 Jul 2023 20:10

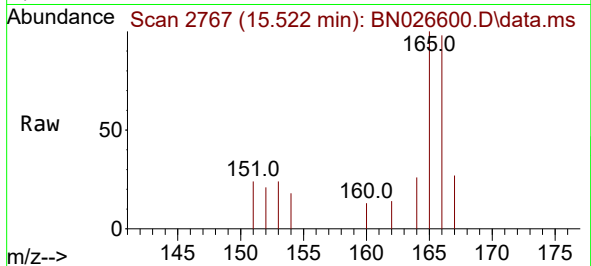
Tgt Ion:153 Resp: 455
Ion Ratio Lower Upper
153 100
152 55.4 40.2 60.4
154 83.7 69.3 103.9



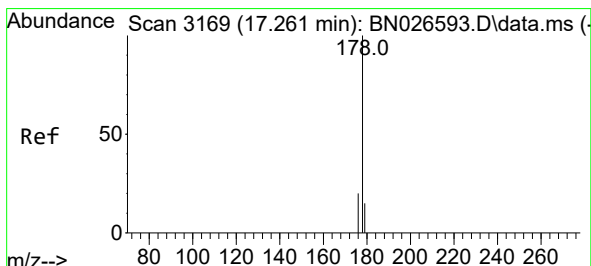
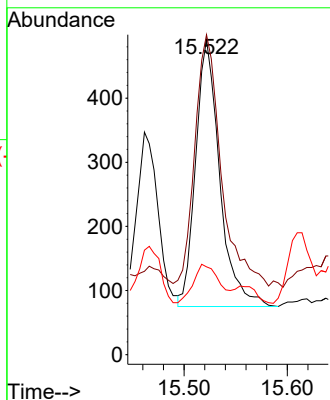
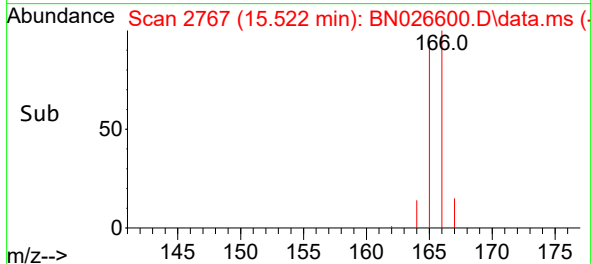


#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.522 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026600.D
Acq: 20 Jul 2023 20:10

Instrument :
BNA_N
ClientSampleId :

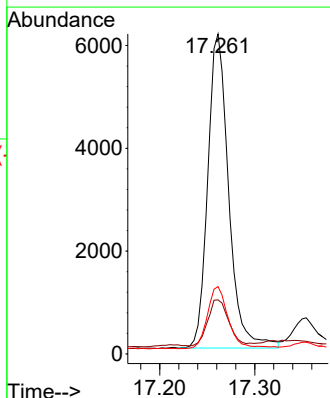
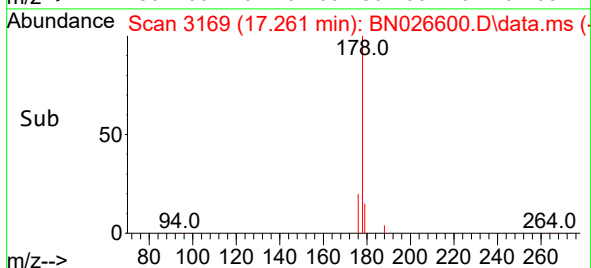
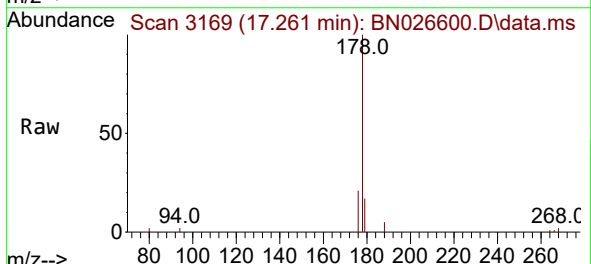


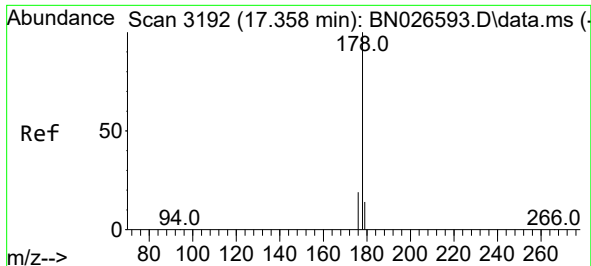
Tgt Ion:166 Resp: 672
Ion Ratio Lower Upper
166 100
165 101.6 80.6 120.8
167 27.9 12.0 18.0#



#15
Phenanthrene
Concen: 0.330 ng/ul
RT: 17.261 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BN026600.D
Acq: 20 Jul 2023 20:10

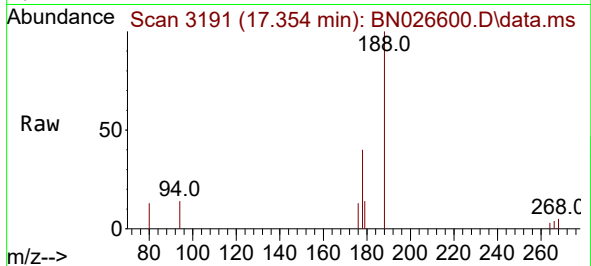
Tgt Ion:178 Resp: 9376
Ion Ratio Lower Upper
178 100
179 16.9 13.7 20.5
176 21.1 16.5 24.7



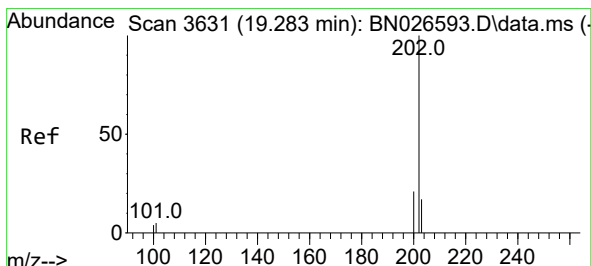
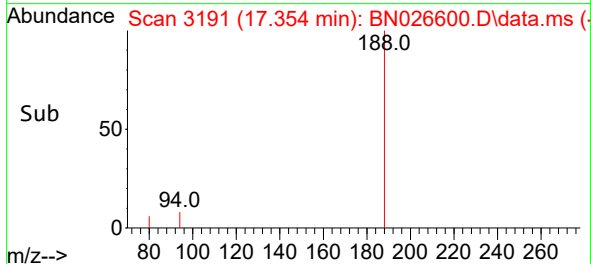
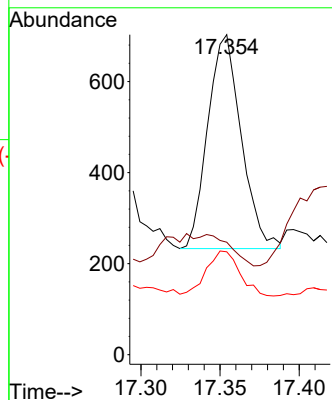


#16
 Anthracene
 Concen: 0.028 ng/ul
 RT: 17.354 min Scan# 3191
 Delta R.T. -0.004 min
 Lab File: BN026600.D
 Acq: 20 Jul 2023 20:10

Instrument :
 BNA_N
 ClientSampleId :

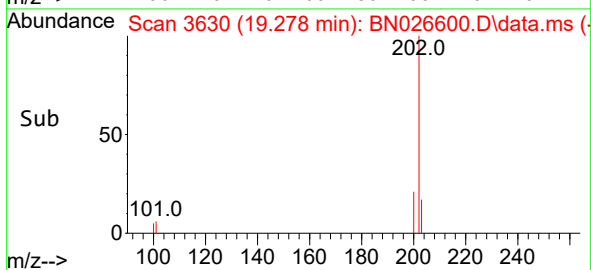
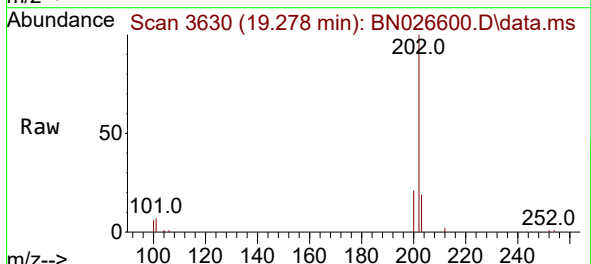
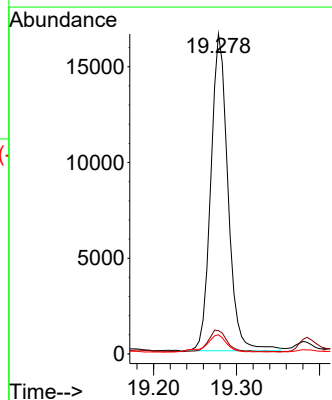


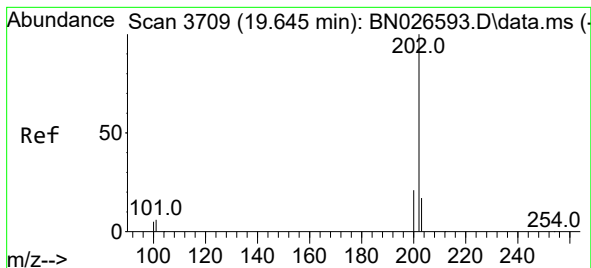
Tgt Ion:178 Resp: 691
 Ion Ratio Lower Upper
 178 100
 179 35.1 14.8 22.2#
 176 32.1 16.6 25.0#



#19
 Fluoranthene
 Concen: 0.615 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.005 min
 Lab File: BN026600.D
 Acq: 20 Jul 2023 20:10

Tgt Ion:202 Resp: 23778
 Ion Ratio Lower Upper
 202 100
 101 7.3 7.0 10.4
 100 6.0 6.0 9.0





#20

Pyrene

Concen: 0.431 ng/ul

RT: 19.641 min Scan# 31

Delta R.T. -0.005 min

Lab File: BN026600.D

Acq: 20 Jul 2023 20:10

Instrument :

BNA_N

ClientSampleId :

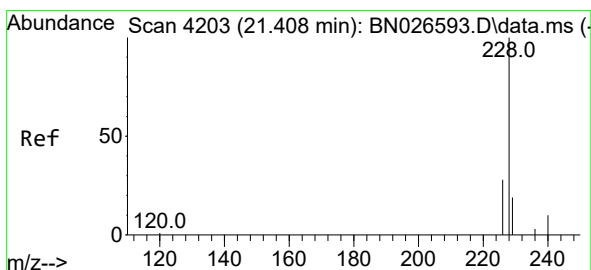
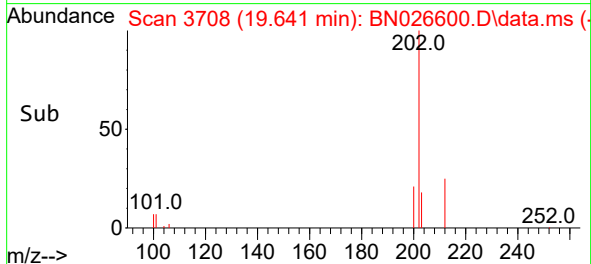
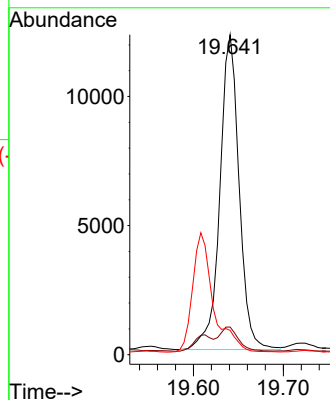
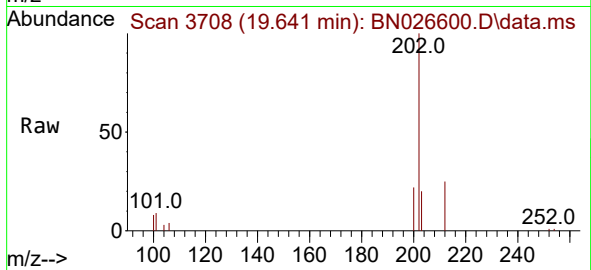
Tgt Ion:202 Resp: 18099

Ion Ratio Lower Upper

202 100

101 8.7 8.0 12.0

100 7.6 6.2 9.2



#21

Benzo(a)anthracene

Concen: 0.411 ng/ul

RT: 21.449 min Scan# 4217

Delta R.T. 0.041 min

Lab File: BN026600.D

Acq: 20 Jul 2023 20:10

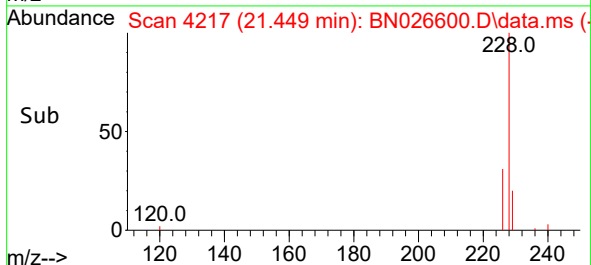
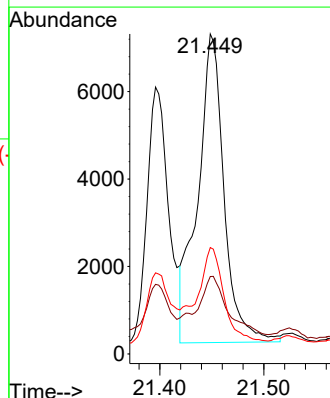
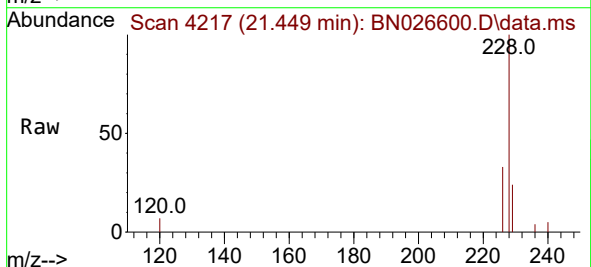
Tgt Ion:228 Resp: 12461

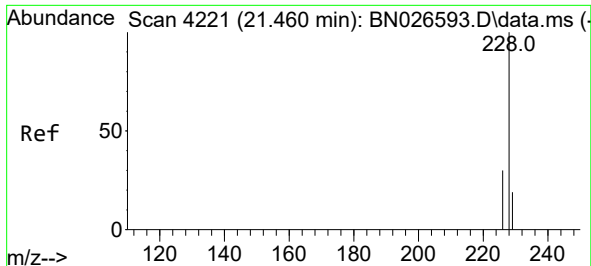
Ion Ratio Lower Upper

228 100

229 24.2 16.7 25.1

226 33.3 23.5 35.3





#22

Chrysene

Concen: 0.339 ng/ul

RT: 21.449 min Scan# 41

Delta R.T. -0.012 min

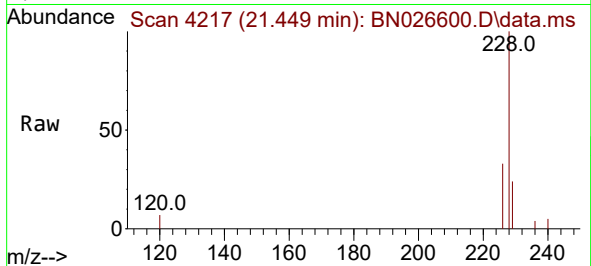
Lab File: BN026600.D

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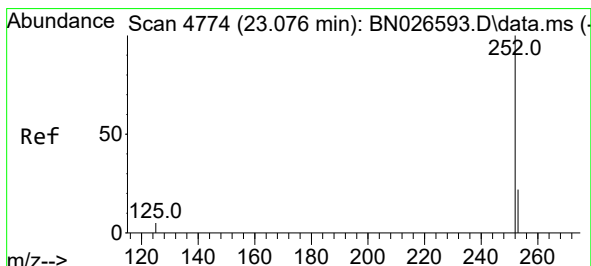
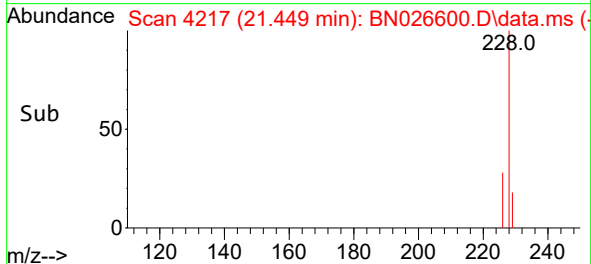
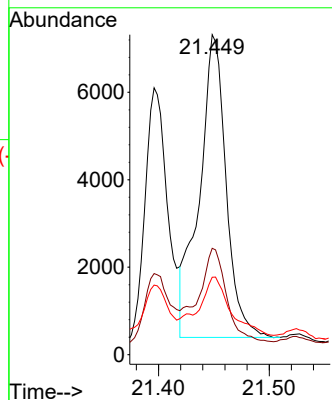
Tgt Ion:228 Resp: 11696

Ion Ratio Lower Upper

228 100

226 33.3 25.2 37.8

229 24.2 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 0.668 ng/ul

RT: 23.068 min Scan# 4771

Delta R.T. -0.009 min

Lab File: BN026600.D

Acq: 20 Jul 2023 20:10

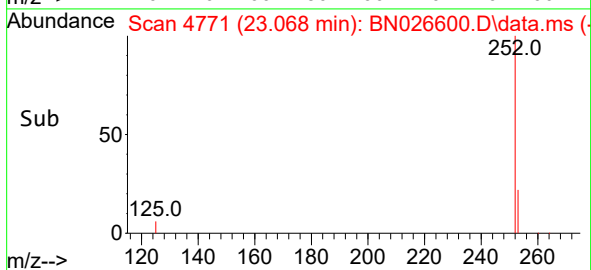
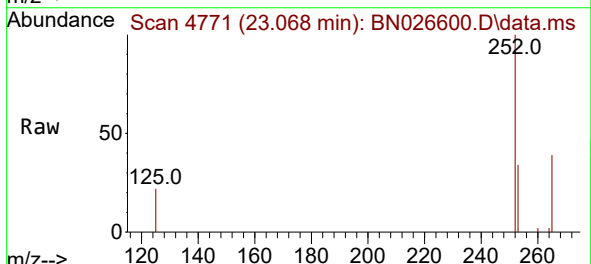
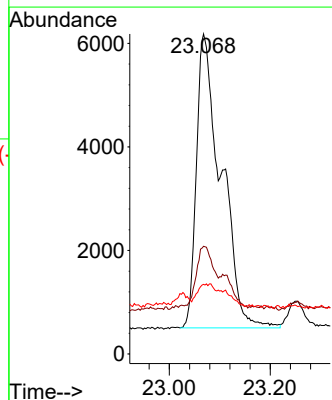
Tgt Ion:252 Resp: 19283

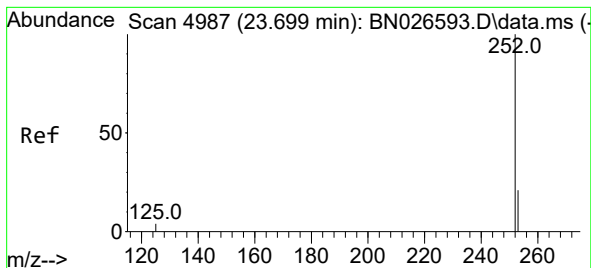
Ion Ratio Lower Upper

252 100

253 33.7 0.0 68.6

125 21.7 0.0 34.0





#26

Benzo(a)pyrene

Concen: 0.039 ng/ul

RT: 23.682 min Scan# 4987

Delta R.T. -0.018 min

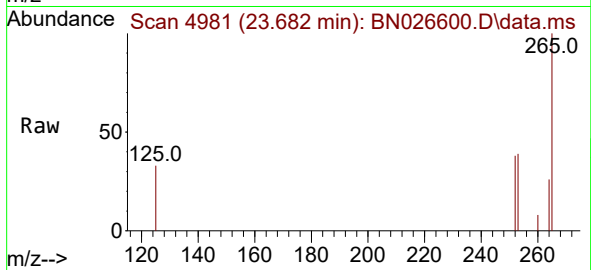
Lab File: BN026600.D

Acq: 20 Jul 2023 20:10

Instrument :

BNA_N

ClientSampleId :



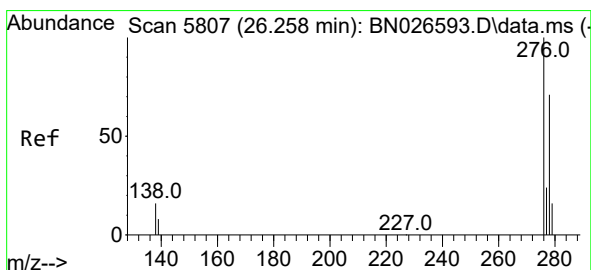
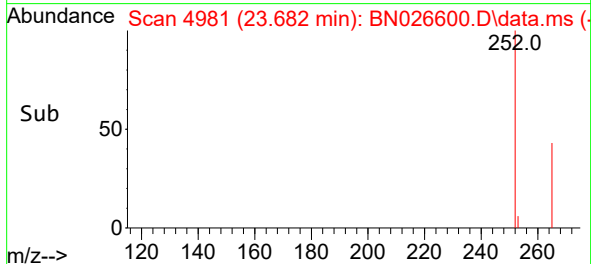
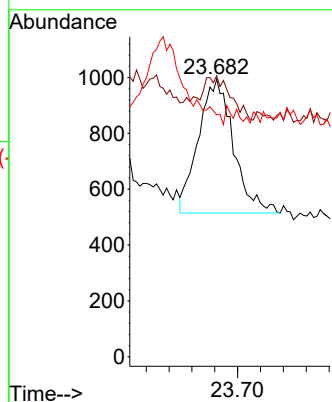
Tgt Ion:252 Resp: 1015

Ion Ratio Lower Upper

252 100

253 101.2 32.6 49.0#

125 87.1 19.3 28.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.129 ng/ul

RT: 26.244 min Scan# 5803

Delta R.T. -0.014 min

Lab File: BN026600.D

Acq: 20 Jul 2023 20:10

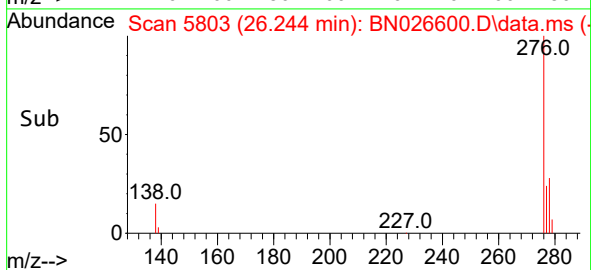
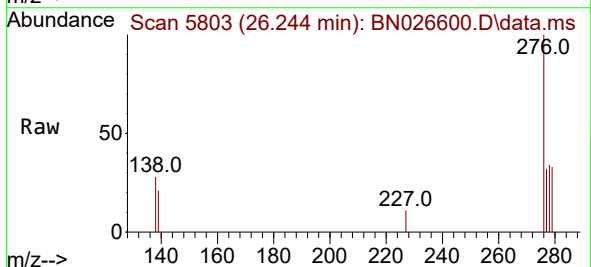
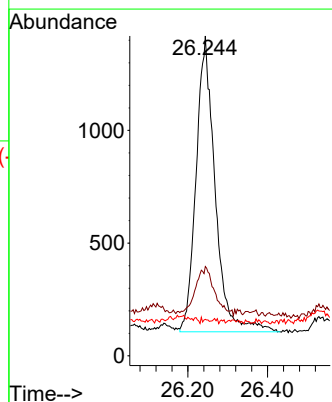
Tgt Ion:276 Resp: 4333

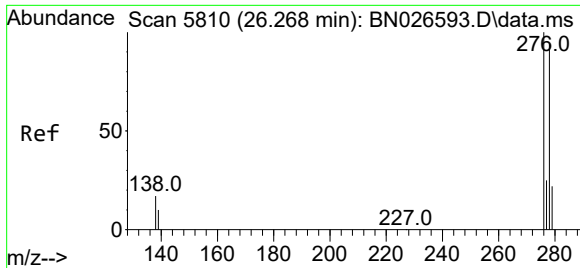
Ion Ratio Lower Upper

276 100

138 16.9 22.2 33.4#

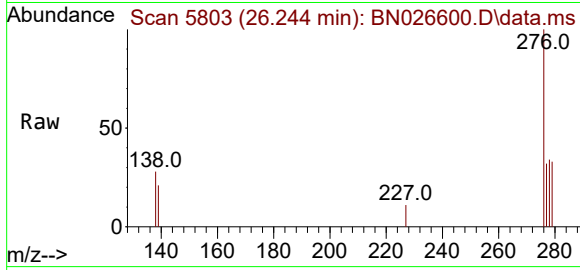
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 26.244 min Scan# 51
Delta R.T. -0.024 min
Lab File: BN026600.D
Acq: 20 Jul 2023 20:10

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 1430
Ion Ratio Lower Upper
278 100
139 60.9 18.9 28.3#
279 95.3 31.3 46.9#

