

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026966.D
 Acq On : 18 Aug 2023 19:14
 Operator : MA/JU
 Sample : 03965-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48J3

Quant Time: Aug 19 00:02:05 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

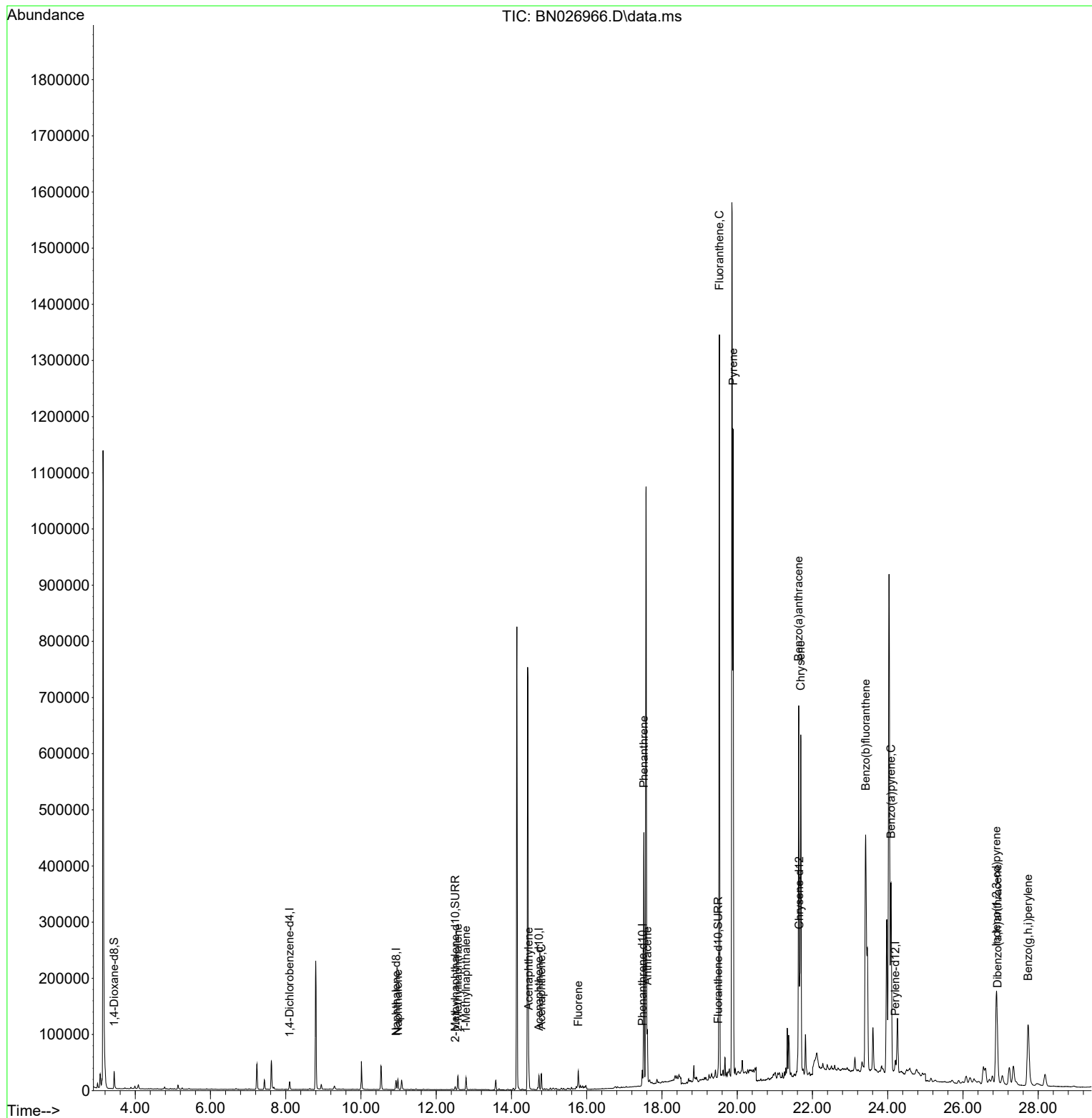
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	6889	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	22862	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	14107	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	32906	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.650	240	28939	0.400	ng/ul	# 0.00
23) Perylene-d12	24.202	264	28307	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	21559	2.636	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	6890	0.205	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	18602	0.204	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	24847	0.385	ng/ul	99
7) 2-Methylnaphthalene	12.577	142	17390	0.444	ng/ul	100
8) 1-Methylnaphthalene	12.792	142	14434	0.352	ng/ul	100
10) Acenaphthylene	14.458	152	45086	0.570	ng/ul	100
11) Acenaphthene	14.795	153	16608	0.304	ng/ul	99
12) Fluorene	15.776	166	20880	0.337	ng/ul	99
15) Phenanthrene	17.519	178	465151	4.303	ng/ul	100
16) Anthracene	17.612	178	96833	0.991	ng/ul	98
19) Fluoranthene	19.525	202	1110743	9.240	ng/ul	100
20) Pyrene	19.892	202	1009362	7.870	ng/ul	96
21) Benzo(a)anthracene	21.633	228	587036	5.100	ng/ul	98
22) Chrysene	21.688	228	641322	5.645	ng/ul	97
24) Benzo(b)fluoranthene	23.413	252	1106063	10.330	ng/ul	95
26) Benzo(a)pyrene	24.088	252	526628	5.451	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.891	276	322112	2.549	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.918	278	81375	0.808	ng/ul#	84
29) Benzo(g,h,i)perylene	27.733	276	276206	2.625	ng/ul	100

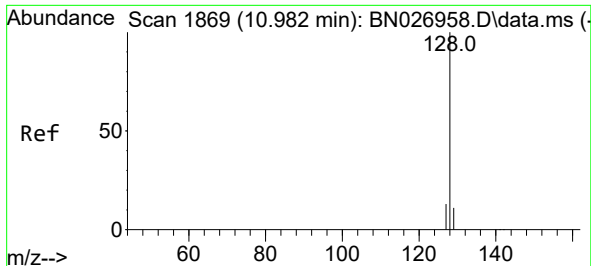
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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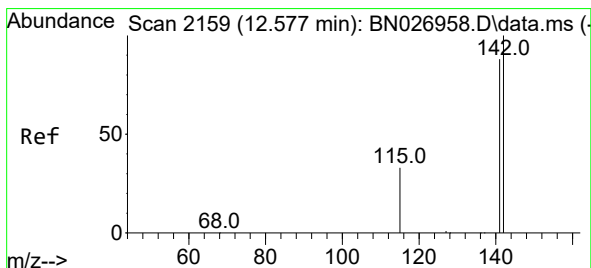
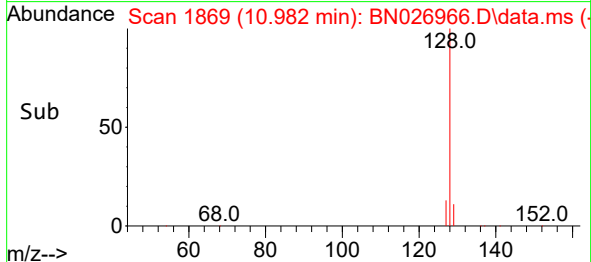
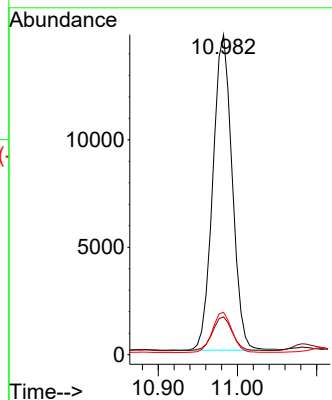
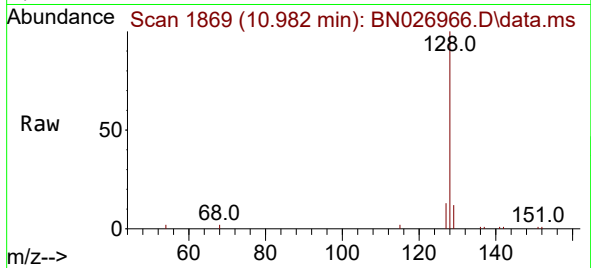




#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

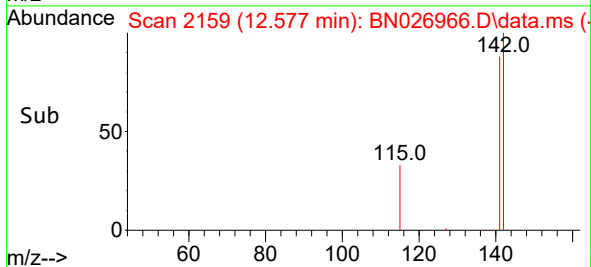
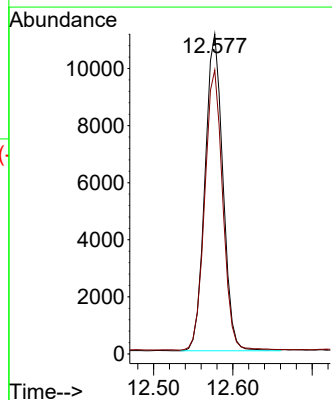
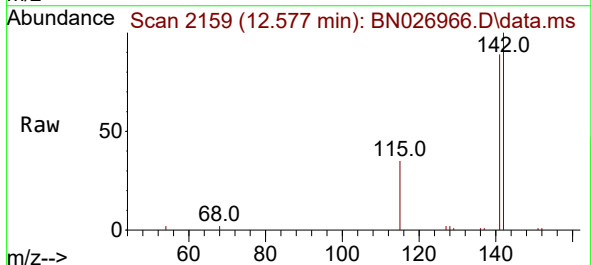
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BNA_N
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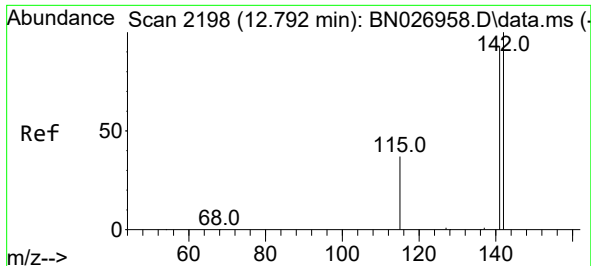
Tgt Ion:128 Resp: 24847
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.2 10.5 15.7



#7
2-Methylnaphthalene
Concen: 0.444 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

Tgt Ion:142 Resp: 17390
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3

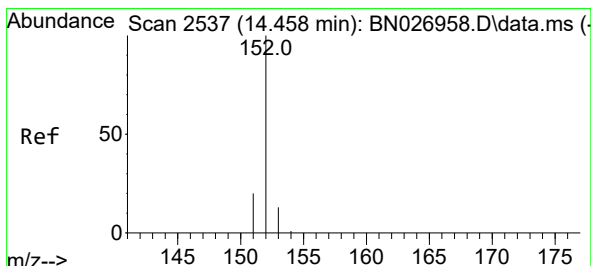
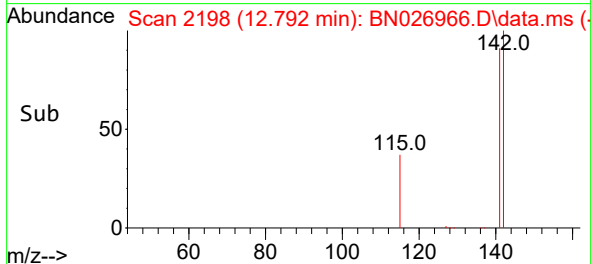
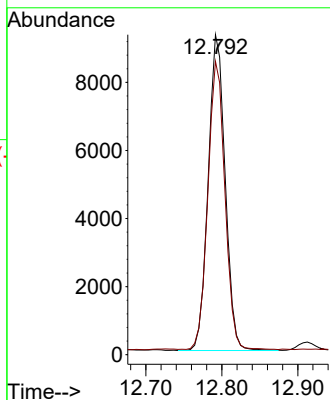
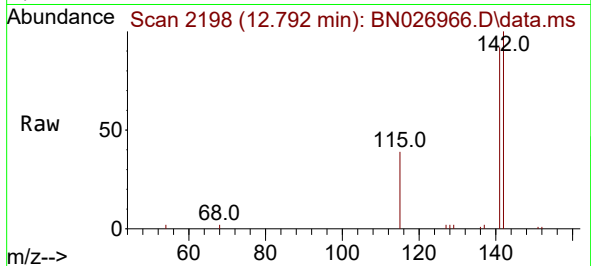




#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

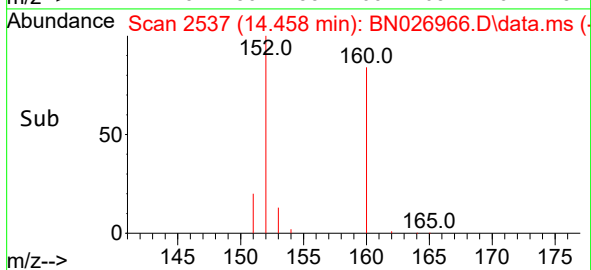
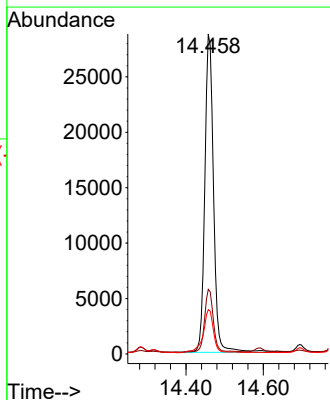
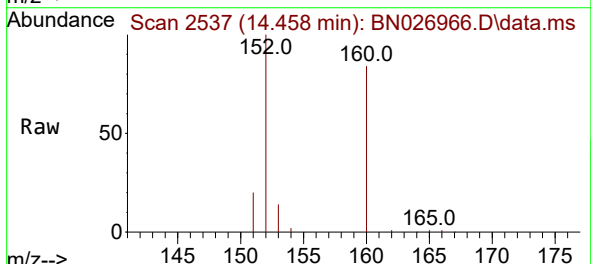
Instrument :
BNA_N
ClientSampleId :
A48J3

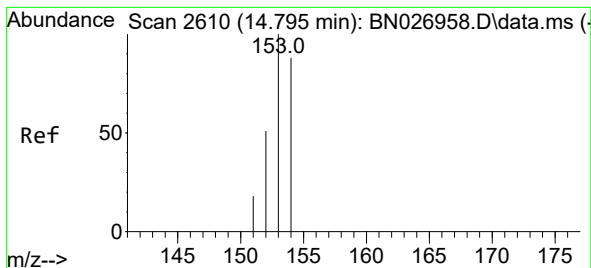
Tgt Ion:142 Resp: 14434
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8



#10
Acenaphthylene
Concen: 0.570 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. 0.000 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

Tgt Ion:152 Resp: 45086
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.9 11.0 16.6





#11

Acenaphthene

Concen: 0.304 ng/ul

RT: 14.795 min Scan# 2610

Delta R.T. 0.005 min

Lab File: BN026966.D

Acq: 18 Aug 2023 19:14

Instrument :

BNA_N

ClientSampleId :

A48J3

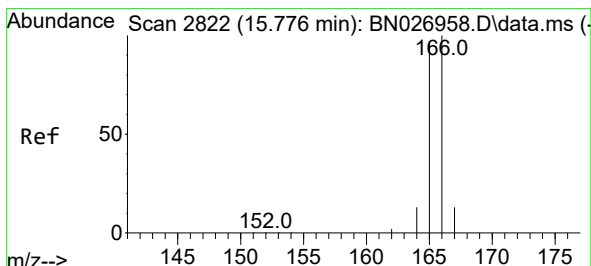
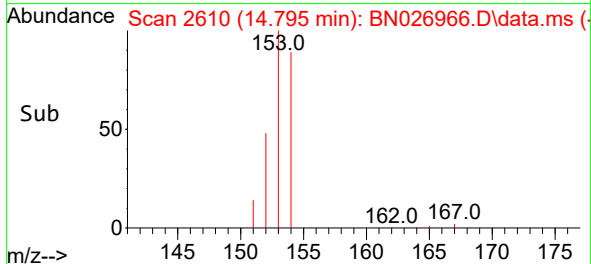
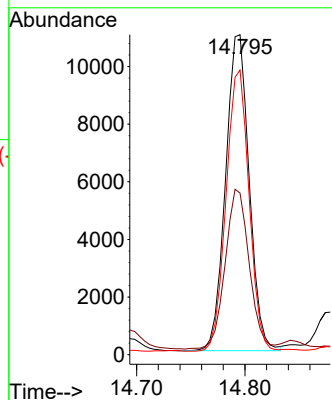
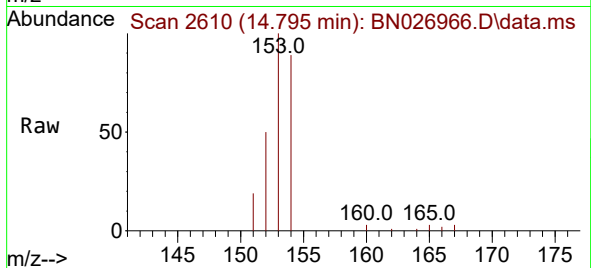
Tgt Ion:153 Resp: 16608

Ion Ratio Lower Upper

153 100

152 50.5 41.1 61.7

154 88.9 71.6 107.4



#12

Fluorene

Concen: 0.337 ng/ul

RT: 15.776 min Scan# 2822

Delta R.T. 0.005 min

Lab File: BN026966.D

Acq: 18 Aug 2023 19:14

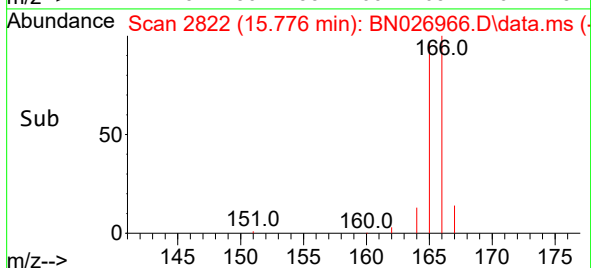
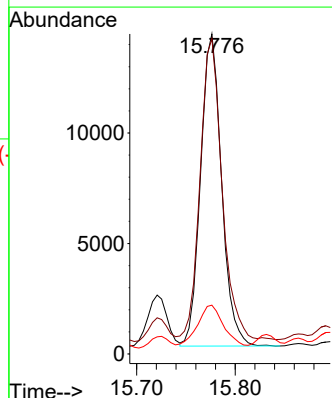
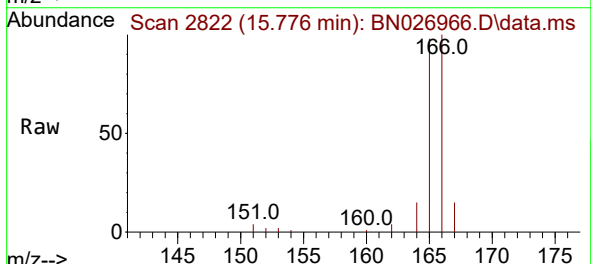
Tgt Ion:166 Resp: 20880

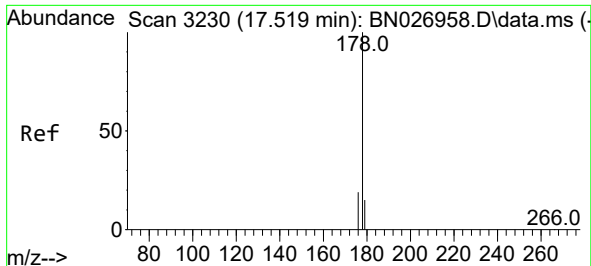
Ion Ratio Lower Upper

166 100

165 98.5 79.1 118.7

167 15.3 11.4 17.0

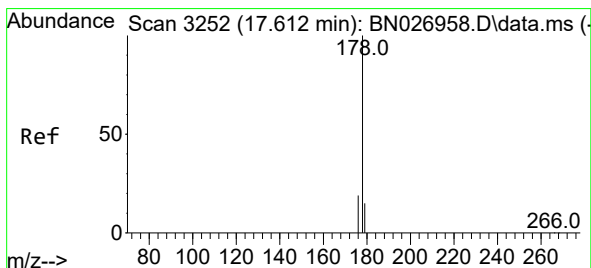
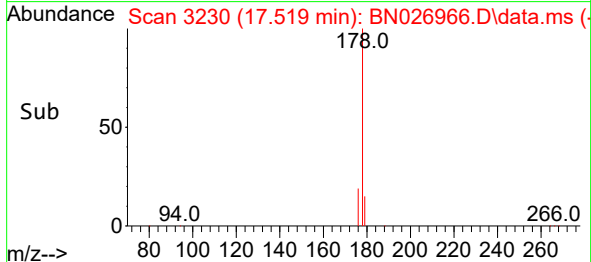
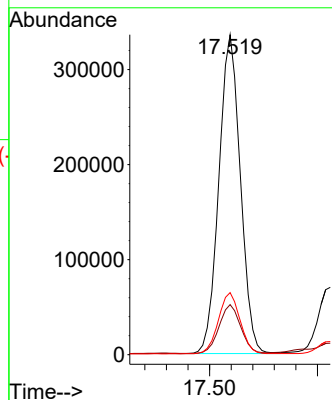
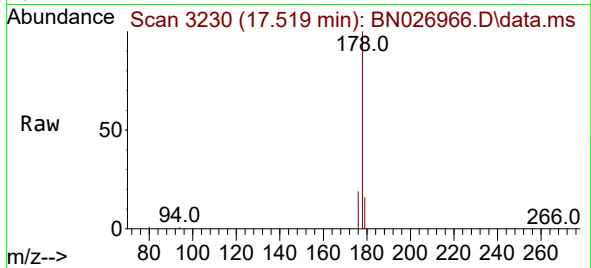




#15
Phenanthrene
Concen: 4.303 ng/ul
RT: 17.519 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

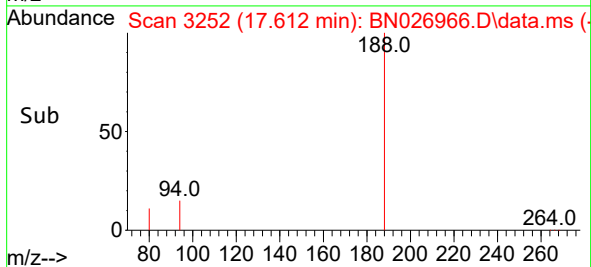
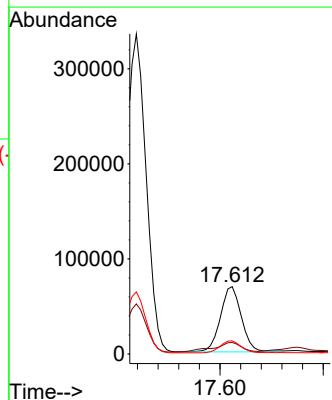
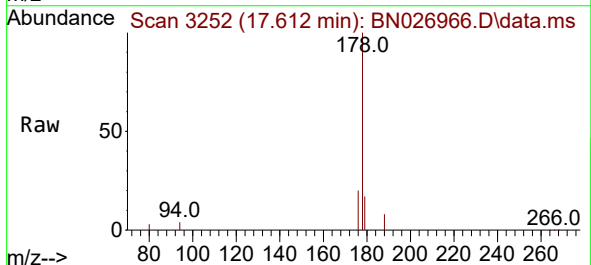
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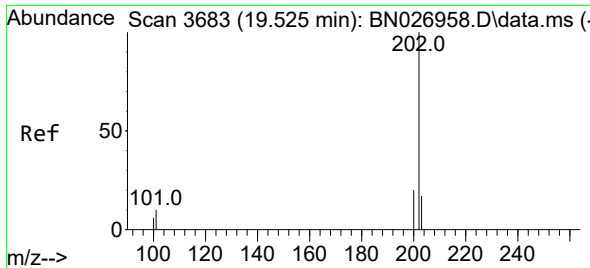
Tgt Ion:178 Resp: 465151
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.4 15.4 23.2



#16
Anthracene
Concen: 0.991 ng/ul
RT: 17.612 min Scan# 3252
Delta R.T. 0.004 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

Tgt Ion:178 Resp: 96833
Ion Ratio Lower Upper
178 100
179 17.2 12.6 19.0
176 19.5 15.0 22.6

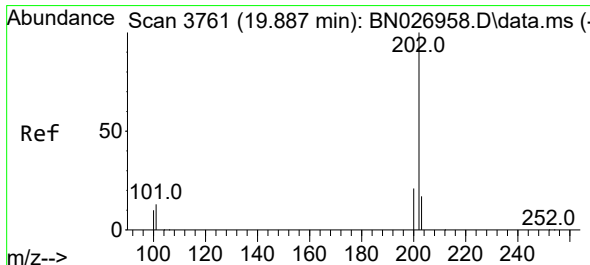
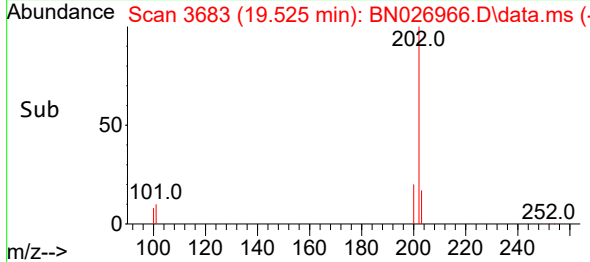
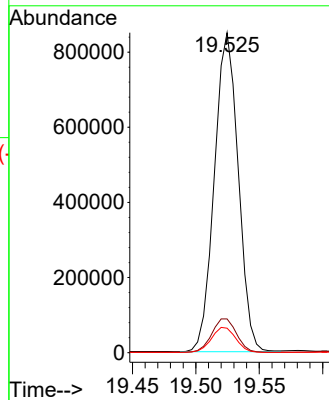
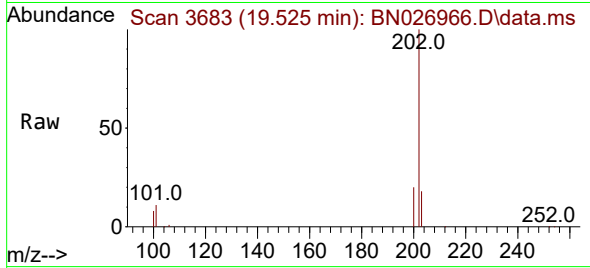




#19
Fluoranthene
Concen: 9.240 ng/ul
RT: 19.525 min Scan# 3683
Delta R.T. 0.000 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

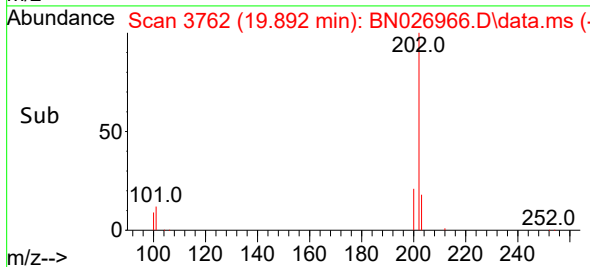
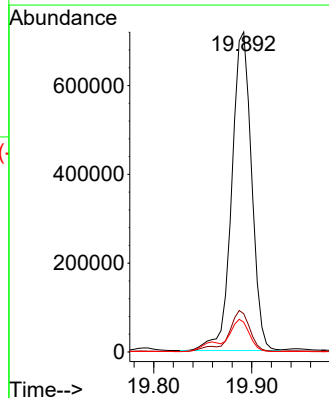
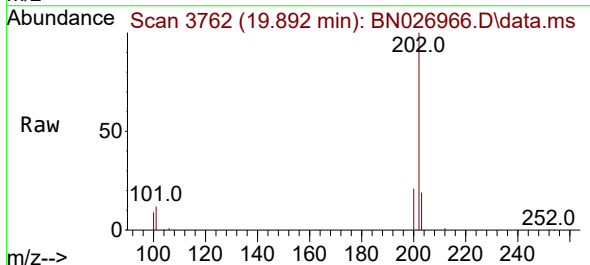
Instrument :
BNA_N
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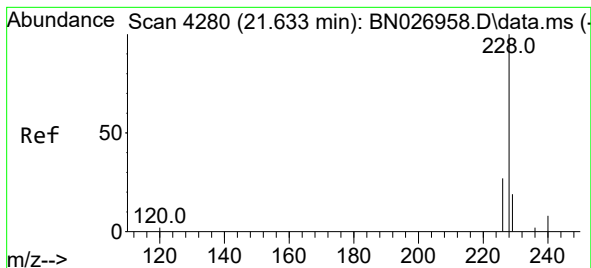
Tgt Ion:202 Resp: 1110743
Ion Ratio Lower Upper
202 100
101 10.6 8.3 12.5
100 7.7 6.2 9.2



#20
Pyrene
Concen: 7.870 ng/ul
RT: 19.892 min Scan# 3762
Delta R.T. 0.005 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

Tgt Ion:202 Resp: 1009362
Ion Ratio Lower Upper
202 100
101 12.0 10.7 16.1
100 9.3 8.5 12.7





#21

Benzo(a)anthracene

Concen: 5.100 ng/ul

RT: 21.633 min Scan# 4280

Delta R.T. 0.000 min

Lab File: BN026966.D

Acq: 18 Aug 2023 19:14

Instrument :

BNA_N

ClientSampleId :

A48J3

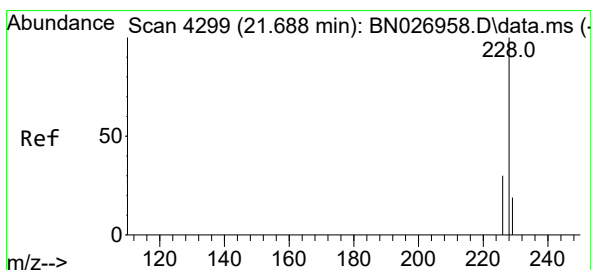
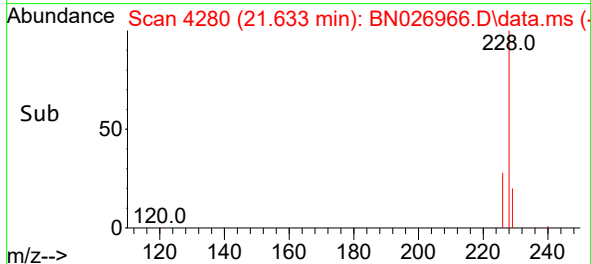
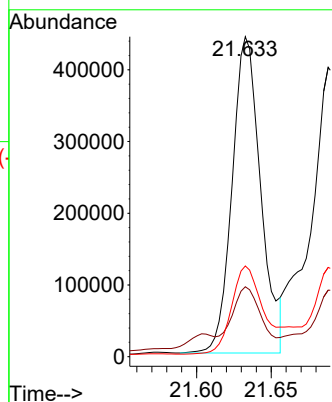
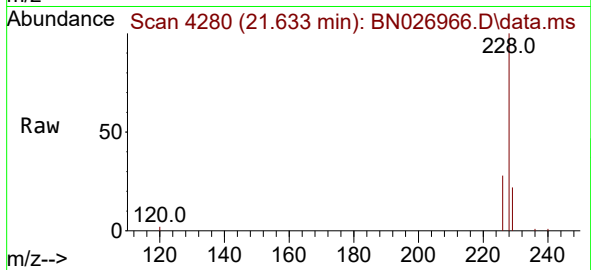
Tgt Ion:228 Resp: 587036

Ion Ratio Lower Upper

228 100

229 21.9 16.0 24.0

226 28.4 22.2 33.2



#22

Chrysene

Concen: 5.645 ng/ul

RT: 21.688 min Scan# 4299

Delta R.T. -0.003 min

Lab File: BN026966.D

Acq: 18 Aug 2023 19:14

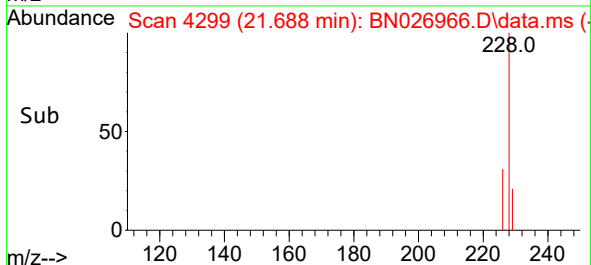
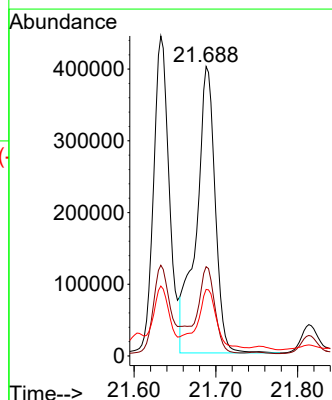
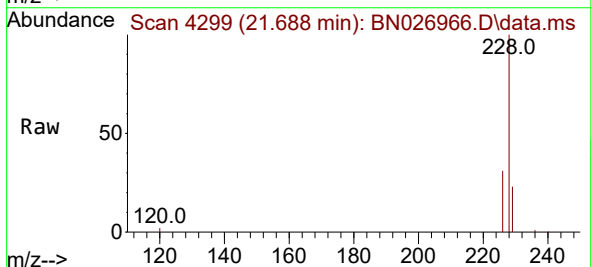
Tgt Ion:228 Resp: 641322

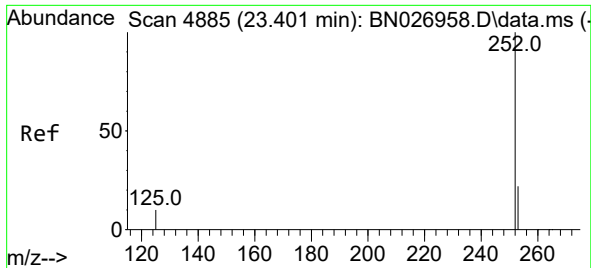
Ion Ratio Lower Upper

228 100

226 30.9 24.6 36.8

229 23.0 15.8 23.6

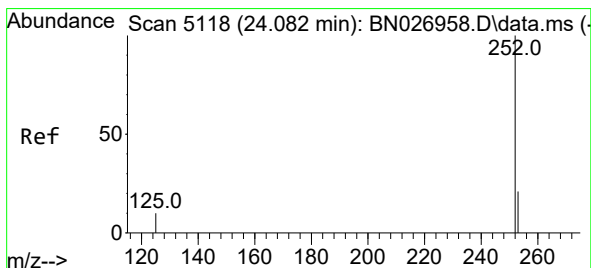
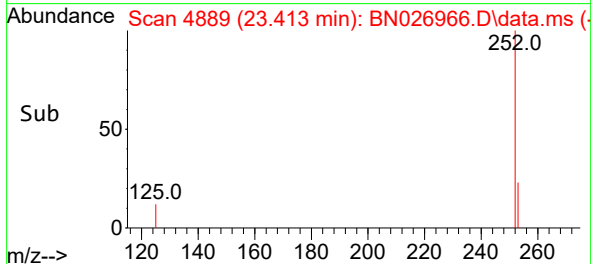
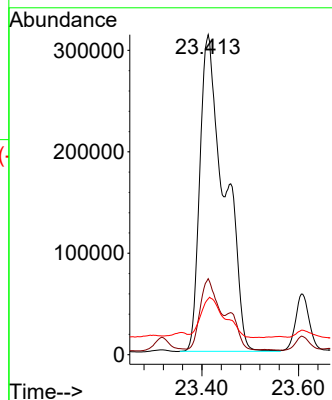
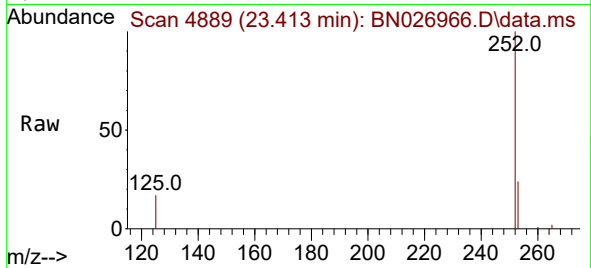




#24
Benzo(b)fluoranthene
Concen: 10.330 ng/ul
RT: 23.413 min Scan# 41
Delta R.T. 0.006 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

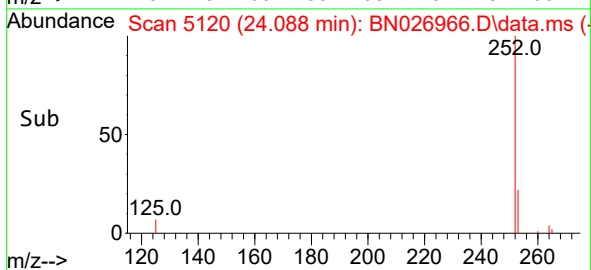
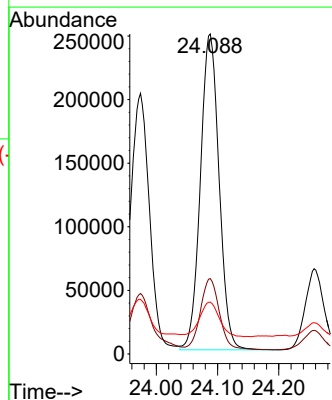
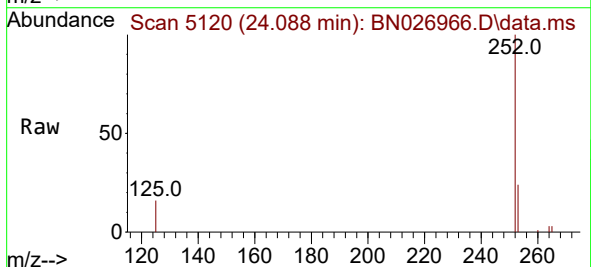
Instrument :
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A48J3

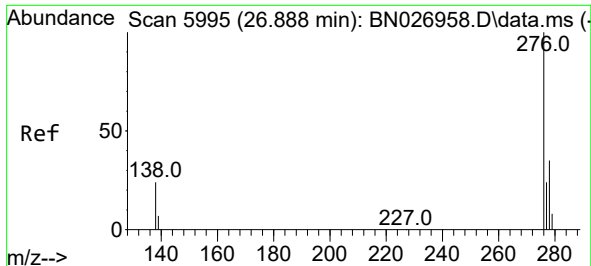
Tgt Ion:252 Resp: 1106063
Ion Ratio Lower Upper
252 100
253 23.7 0.0 46.8
125 17.4 0.0 25.2



#26
Benzo(a)pyrene
Concen: 5.451 ng/ul
RT: 24.088 min Scan# 5120
Delta R.T. 0.003 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

Tgt Ion:252 Resp: 526628
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.6
125 16.2 11.4 17.0





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.549 ng/ul

RT: 26.891 min Scan# 5995

Delta R.T. 0.006 min

Lab File: BN026966.D

Acq: 18 Aug 2023 19:14

Instrument :

BNA_N

ClientSampleId :

A48J3

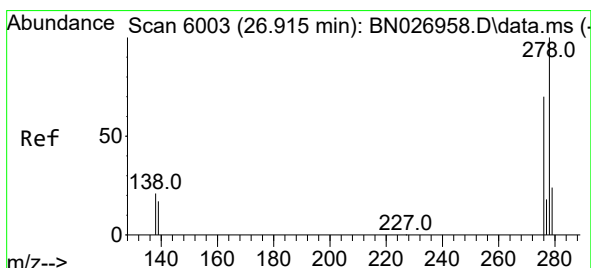
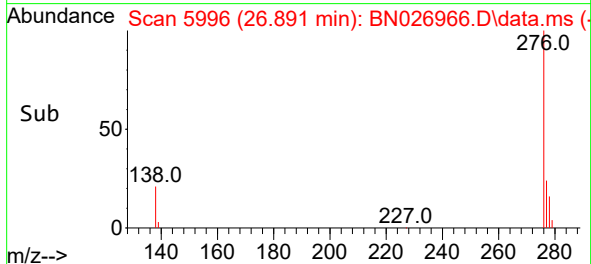
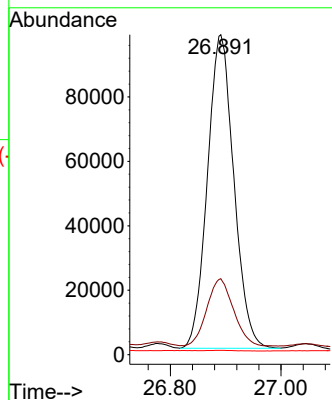
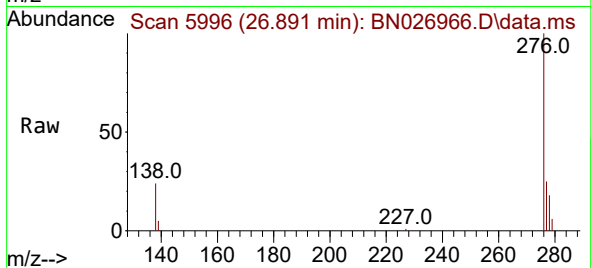
Tgt Ion:276 Resp: 322112

Ion Ratio Lower Upper

276 100

138 21.5 21.6 32.4#

227 0.2 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.808 ng/ul

RT: 26.918 min Scan# 6004

Delta R.T. -0.004 min

Lab File: BN026966.D

Acq: 18 Aug 2023 19:14

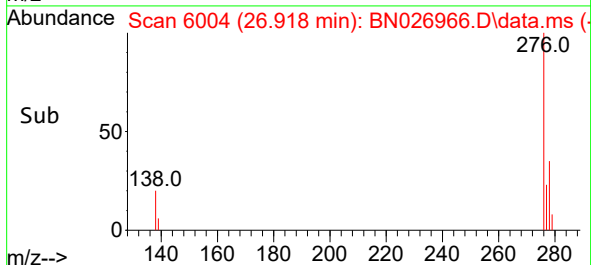
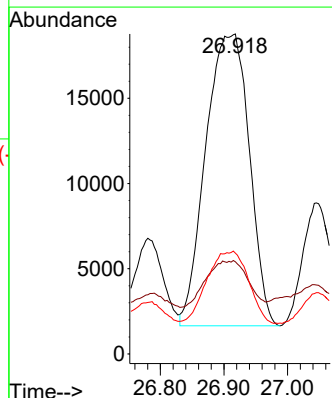
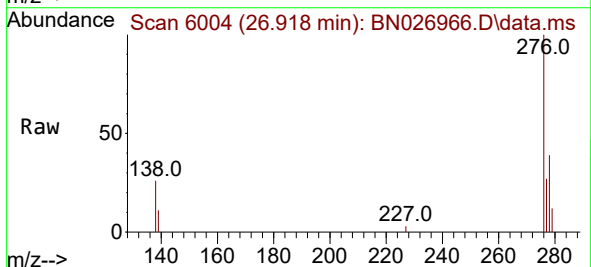
Tgt Ion:278 Resp: 81375

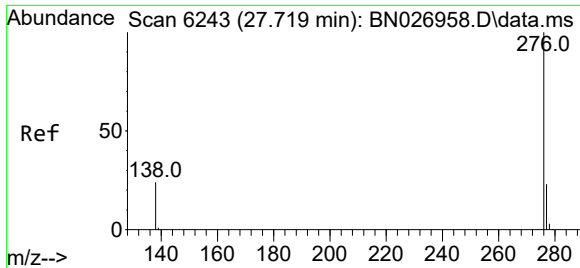
Ion Ratio Lower Upper

278 100

139 28.8 15.7 23.5#

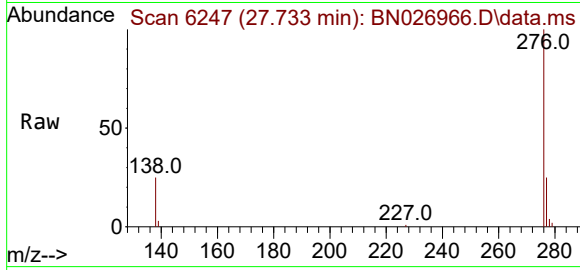
279 31.5 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 2.625 ng/ul
 RT: 27.733 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: BN026966.D
 Acq: 18 Aug 2023 19:14

Instrument :
 BNA_N
 ClientSampleId :
 A48J3



Tgt Ion:	276	Resp:	276206
Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.3	28.9
277	24.8	19.8	29.8

