

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026969.D
 Acq On : 18 Aug 2023 21:05
 Operator : MA/JU
 Sample : 03965-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L3

Quant Time: Aug 19 00:02:34 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)

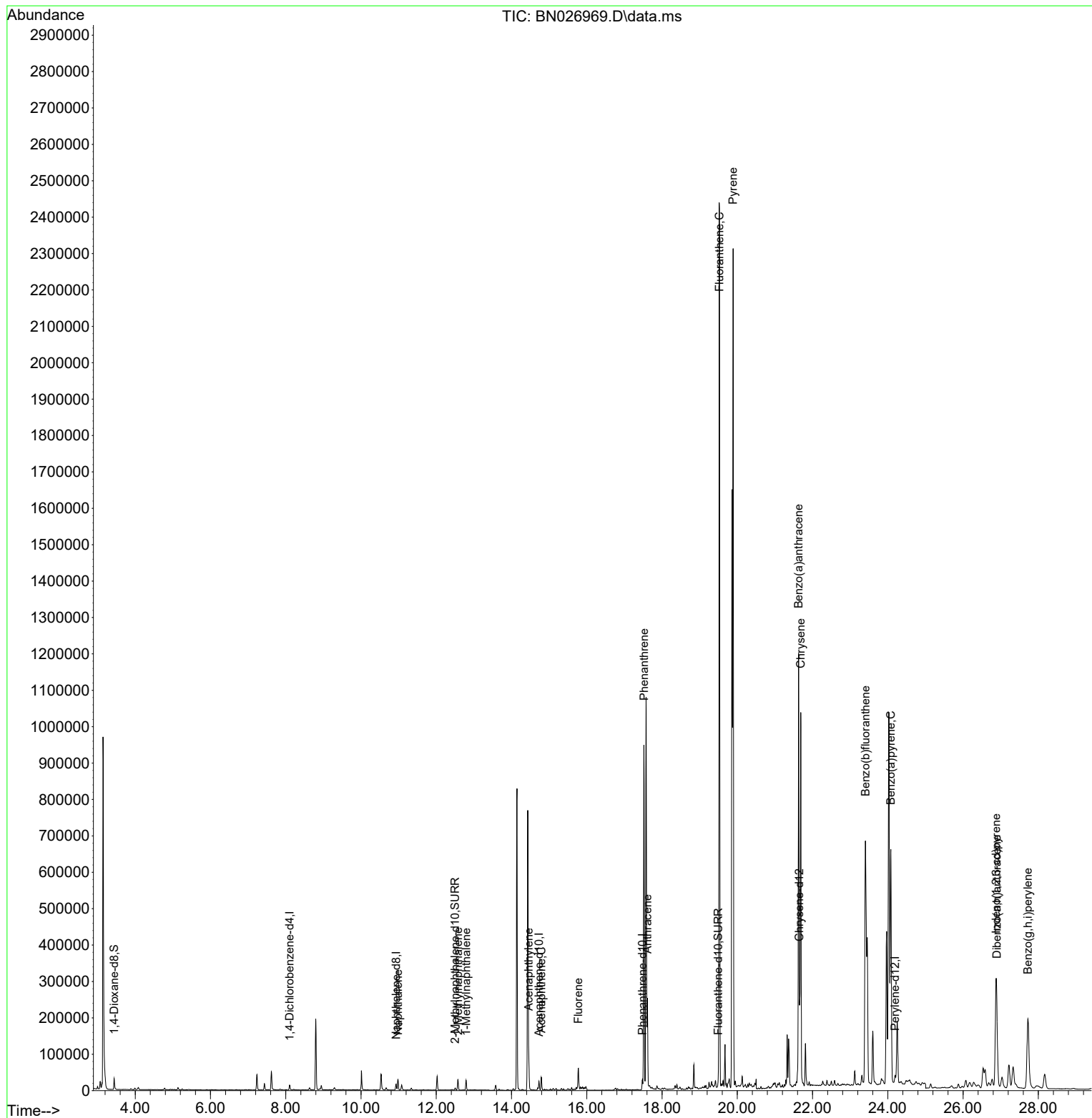
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	6730	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	22803	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	13953	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	32360	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	30181	0.400	ng/ul	# 0.00
23) Perylene-d12	24.190	264	31510	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	21570	2.700	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	6903	0.206	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	18695	0.196	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.982	128	40424	0.627	ng/ul	100
7) 2-Methylnaphthalene	12.577	142	20854	0.534	ng/ul	99
8) 1-Methylnaphthalene	12.791	142	17737	0.434	ng/ul	99
10) Acenaphthylene	14.458	152	86593	1.108	ng/ul	100
11) Acenaphthene	14.791	153	19904	0.368	ng/ul	99
12) Fluorene	15.776	166	39781	0.650	ng/ul	98
15) Phenanthrene	17.519	178	995161	9.361	ng/ul	100
16) Anthracene	17.612	178	262061	2.728	ng/ul	99
19) Fluoranthene	19.524	202	2137741	17.052	ng/ul	100
20) Pyrene	19.887	202	1881115	14.063	ng/ul	99
21) Benzo(a)anthracene	21.630	228	1056710	8.803	ng/ul	98
22) Chrysene	21.685	228	1007933	8.507	ng/ul	98
24) Benzo(b)fluoranthene	23.404	252	1847631	15.502	ng/ul	99
26) Benzo(a)pyrene	24.079	252	984992	9.159	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.881	276	580609	4.127	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.898	278	138123	1.232	ng/ul	95
29) Benzo(g,h,i)perylene	27.723	276	478079	4.081	ng/ul	99

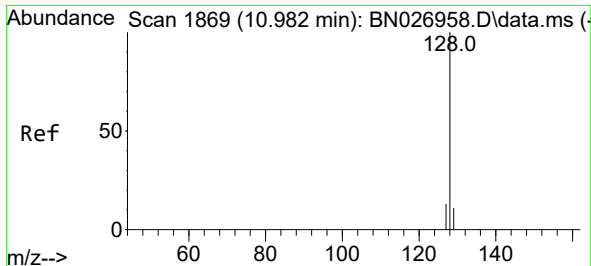
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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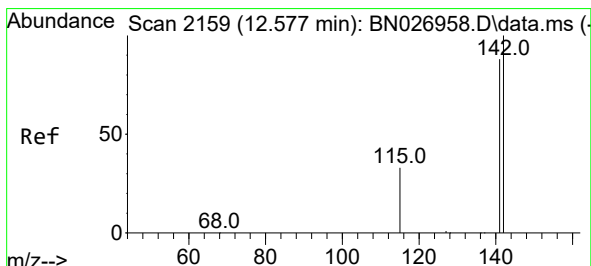
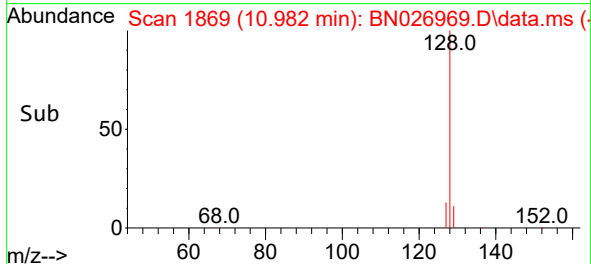
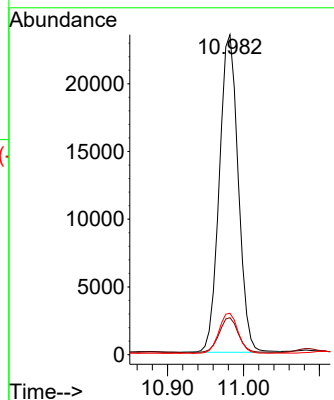
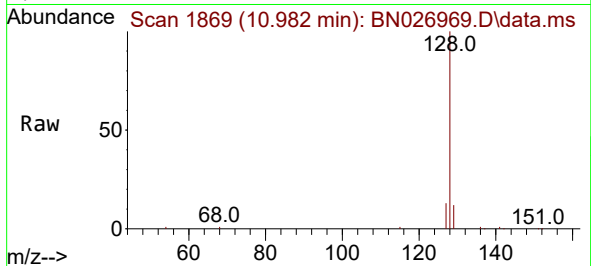




#5
Naphthalene
Concen: 0.627 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

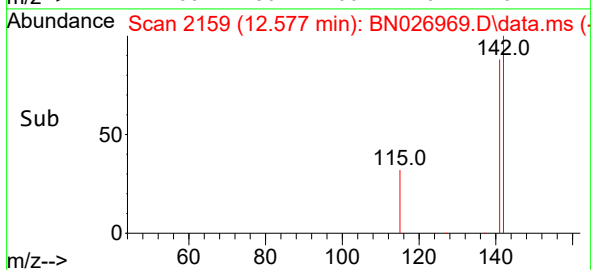
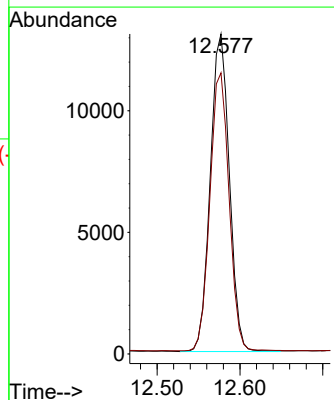
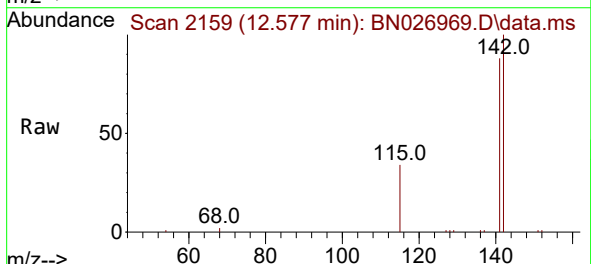
Instrument :
BNA_N
ClientSampleId :
A48L3

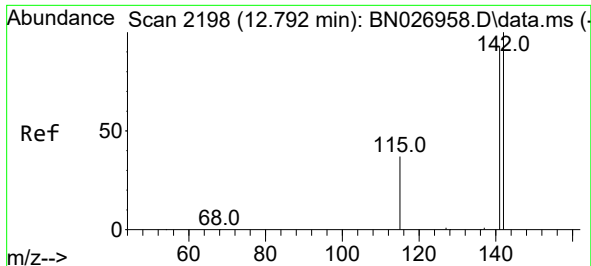
Tgt Ion:128 Resp: 40424
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.0 10.5 15.7



#7
2-Methylnaphthalene
Concen: 0.534 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

Tgt Ion:142 Resp: 20854
Ion Ratio Lower Upper
142 100
141 87.9 70.9 106.3

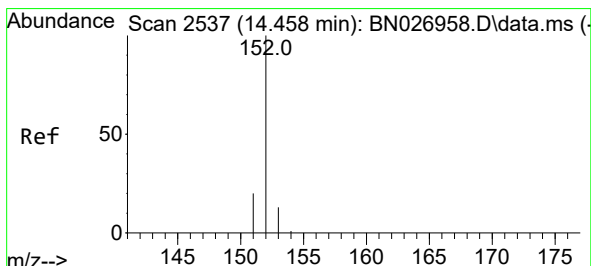
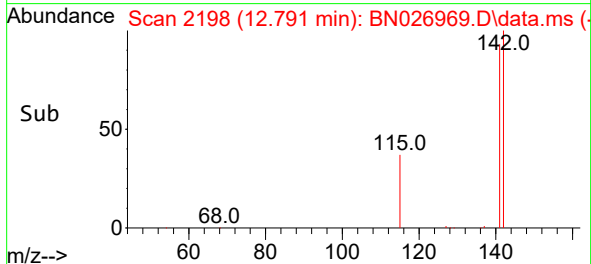
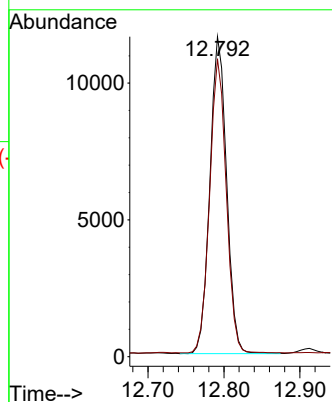
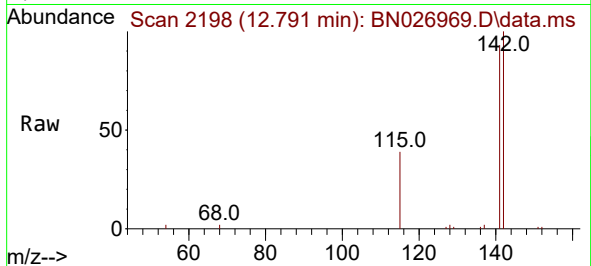




#8
1-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.791 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

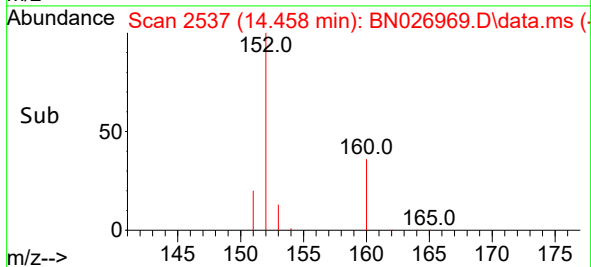
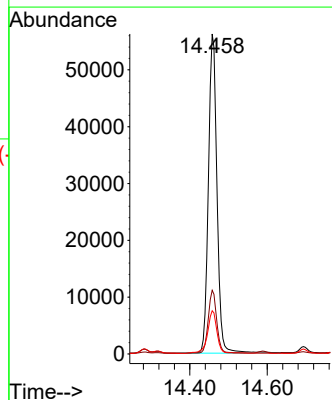
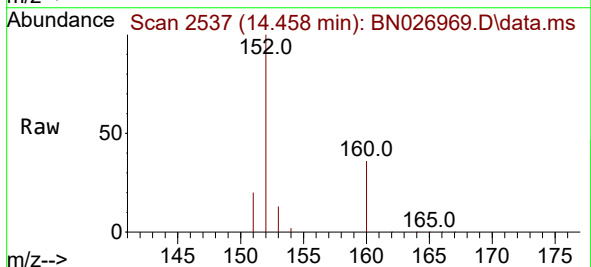
Instrument :
BNA_N
ClientSampleId :
A48L3

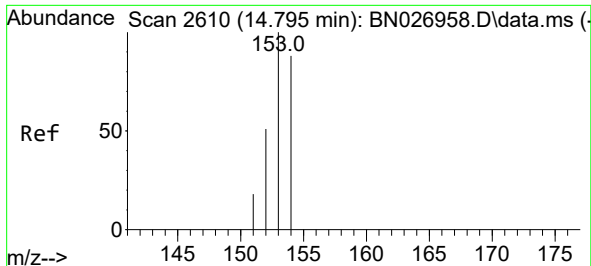
Tgt Ion:142 Resp: 17737
Ion Ratio Lower Upper
142 100
141 92.2 73.2 109.8



#10
Acenaphthylene
Concen: 1.108 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

Tgt Ion:152 Resp: 86593
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.5 11.0 16.6

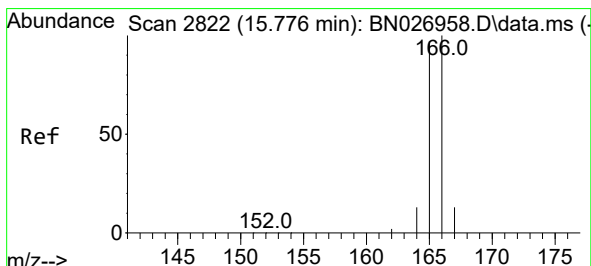
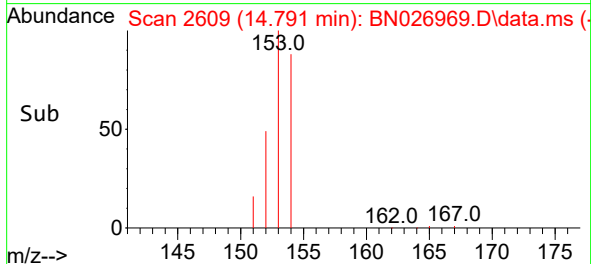
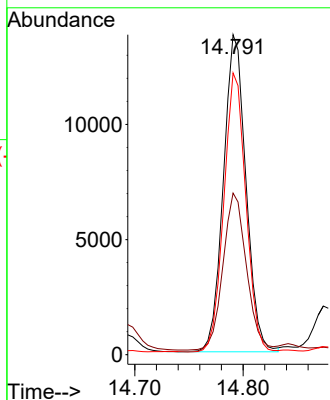
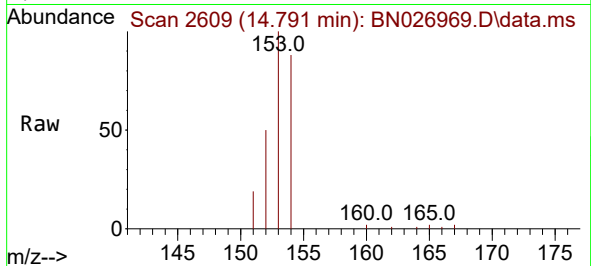




#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

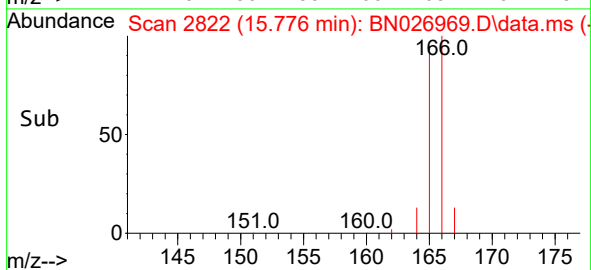
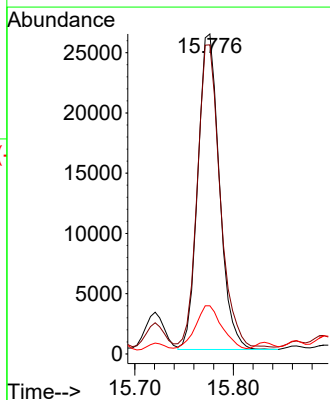
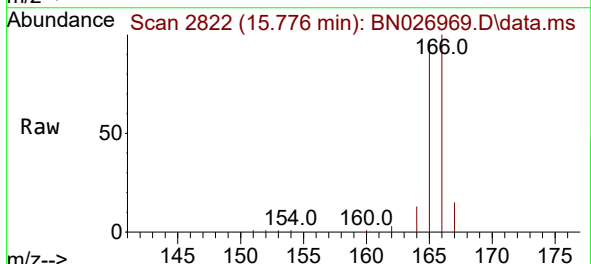
Instrument :
BNA_N
ClientSampleId :
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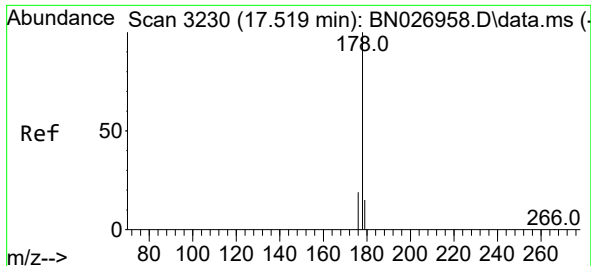
Tgt Ion:153 Resp: 19904
Ion Ratio Lower Upper
153 100
152 50.5 41.1 61.7
154 88.1 71.6 107.4



#12
Fluorene
Concen: 0.650 ng/ul
RT: 15.776 min Scan# 2822
Delta R.T. 0.005 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

Tgt Ion:166 Resp: 39781
Ion Ratio Lower Upper
166 100
165 96.6 79.1 118.7
167 15.0 11.4 17.0

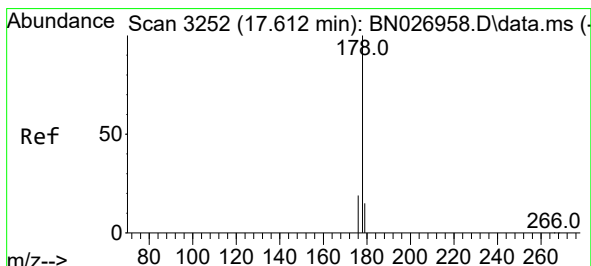
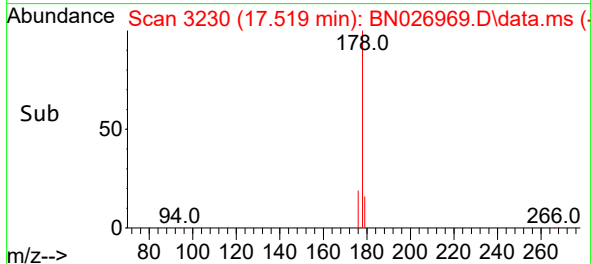
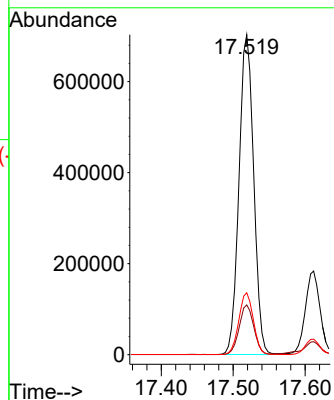
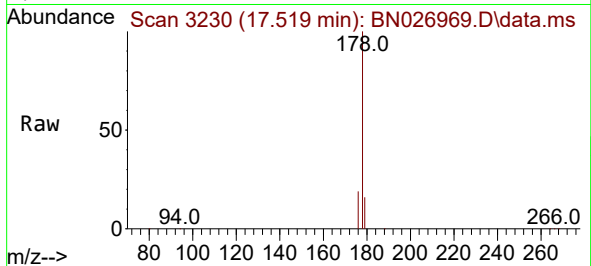




#15
Phenanthrene
Concen: 9.361 ng/ul
RT: 17.519 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

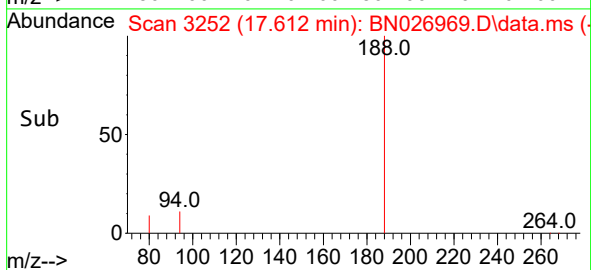
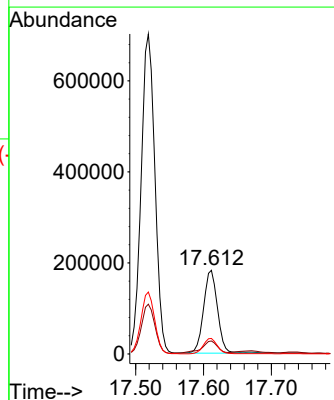
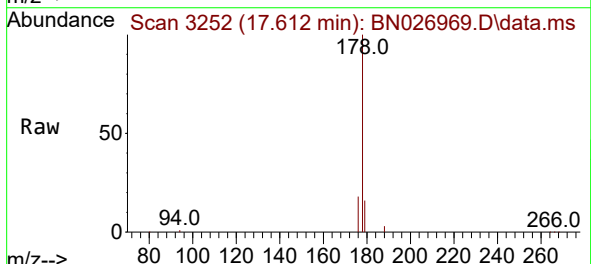
Instrument :
BNA_N
ClientSampleId :
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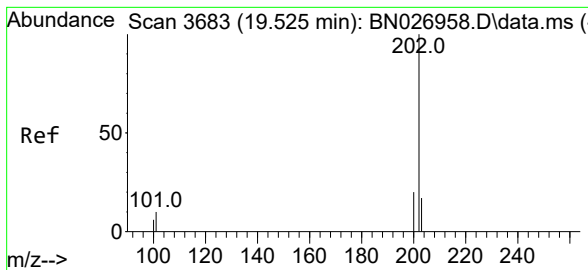
Tgt Ion:178 Resp: 995161
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.3 15.4 23.2



#16
Anthracene
Concen: 2.728 ng/ul
RT: 17.612 min Scan# 3252
Delta R.T. 0.004 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

Tgt Ion:178 Resp: 262061
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.5 15.0 22.6



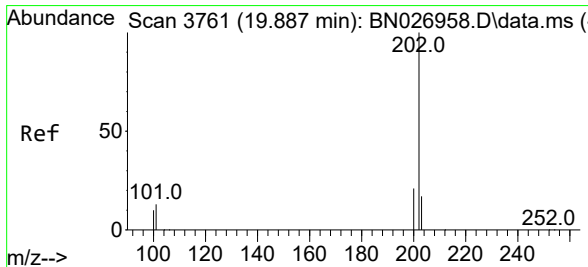
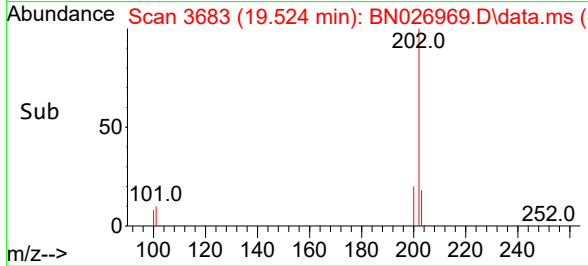
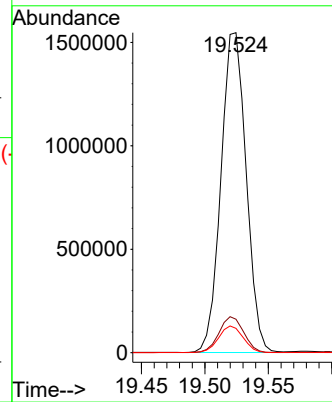
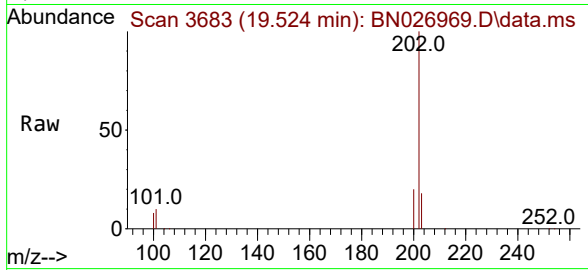


#19
 Fluoranthene
 Concen: 17.052 ng/ul
 RT: 19.524 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN026969.D
 Acq: 18 Aug 2023 21:05

Instrument :
 BNA_N
 ClientSampleId :
 A48L3

Tgt Ion:202 Resp: 2137741

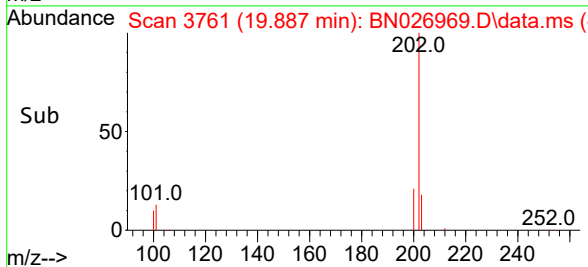
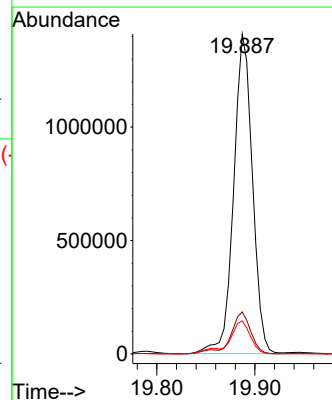
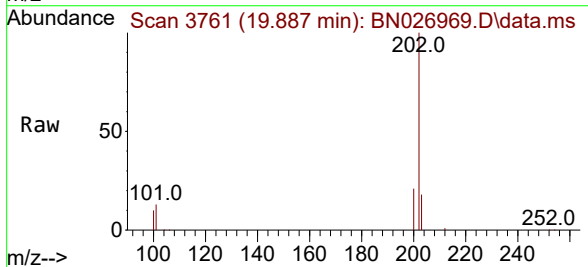
Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.3	12.5
100	7.6	6.2	9.2

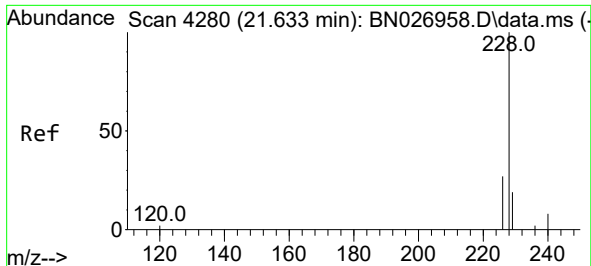


#20
 Pyrene
 Concen: 14.063 ng/ul
 RT: 19.887 min Scan# 3761
 Delta R.T. -0.000 min
 Lab File: BN026969.D
 Acq: 18 Aug 2023 21:05

Tgt Ion:202 Resp: 1881115

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.7	16.1
100	10.3	8.5	12.7

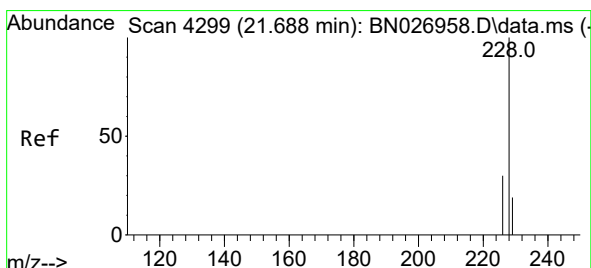
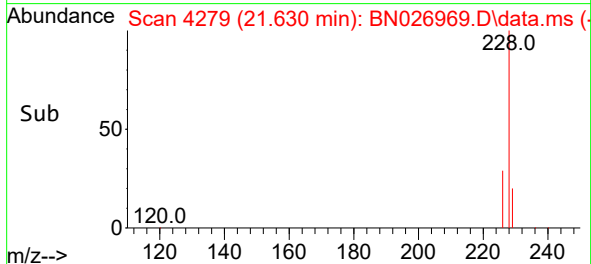
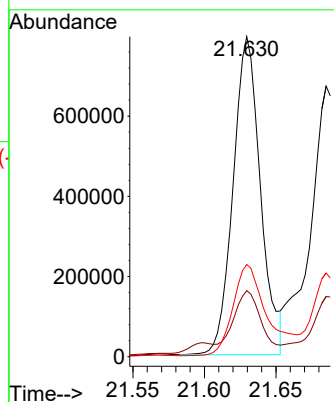
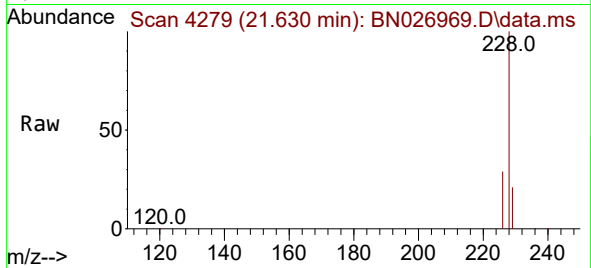




#21
Benzo(a)anthracene
Concen: 8.803 ng/ul
RT: 21.630 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

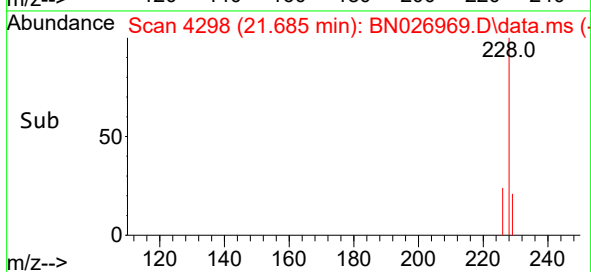
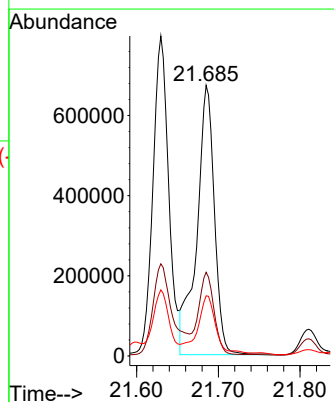
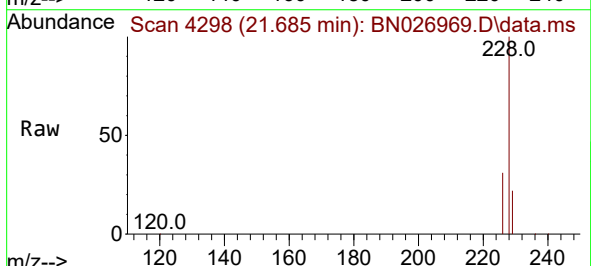
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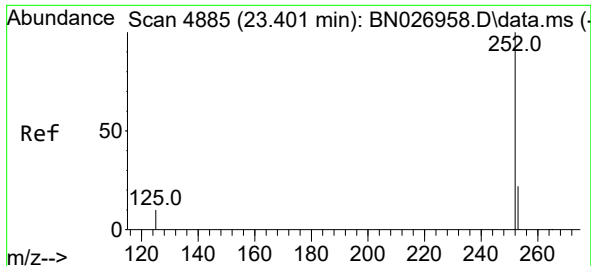
Tgt Ion:228 Resp: 1056710
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.8 22.2 33.2



#22
Chrysene
Concen: 8.507 ng/ul
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

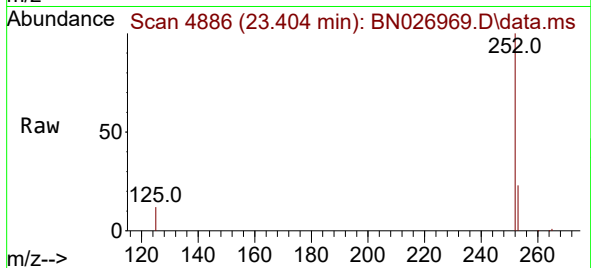
Tgt Ion:228 Resp: 1007933
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 22.2 15.8 23.6



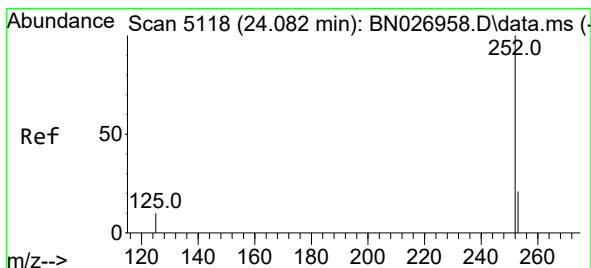
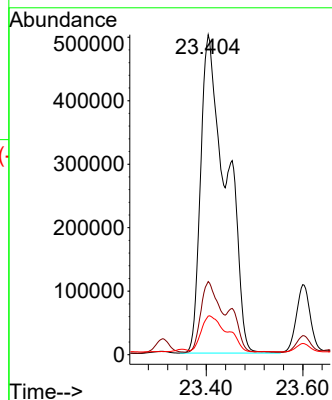
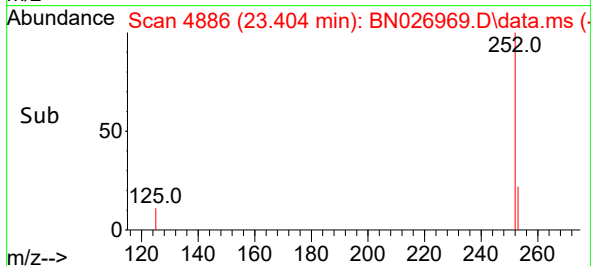


#24
Benzo(b)fluoranthene
Concen: 15.502 ng/ul
RT: 23.404 min Scan# 4886
Delta R.T. -0.003 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

Instrument :
BNA_N
ClientSampleId :
A48L3

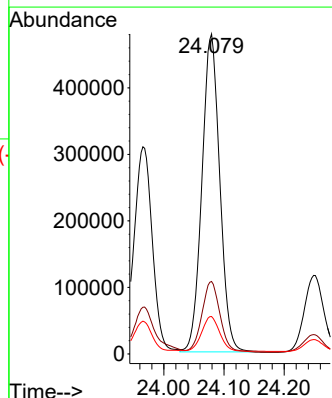
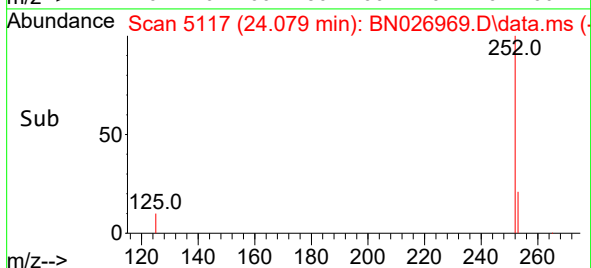
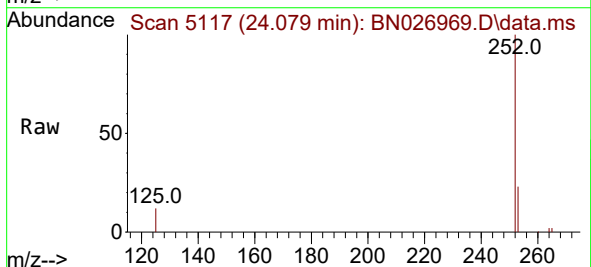


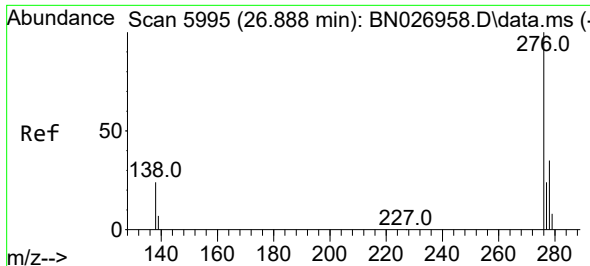
Tgt Ion:252 Resp: 1847631
Ion Ratio Lower Upper
252 100
253 22.9 0.0 46.8
125 12.1 0.0 25.2



#26
Benzo(a)pyrene
Concen: 9.159 ng/ul
RT: 24.079 min Scan# 5117
Delta R.T. -0.006 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

Tgt Ion:252 Resp: 984992
Ion Ratio Lower Upper
252 100
253 22.6 19.0 28.6
125 11.7 11.4 17.0





#27

Indeno(1,2,3-cd)pyrene

Concen: 4.127 ng/ul

RT: 26.881 min Scan# 5993

Delta R.T. -0.004 min

Lab File: BN026969.D

Acq: 18 Aug 2023 21:05

Instrument :

BNA_N

ClientSampleId :

A48L3

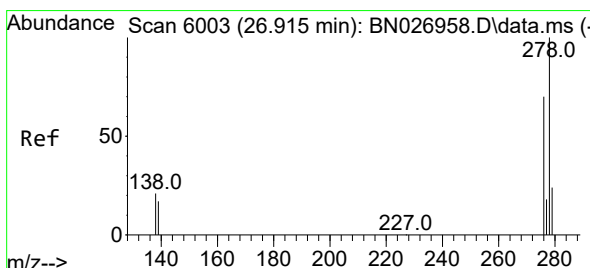
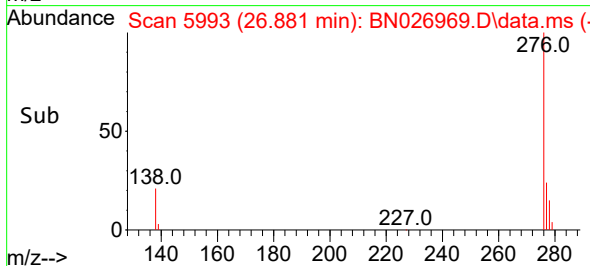
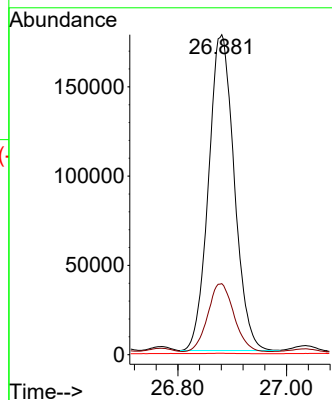
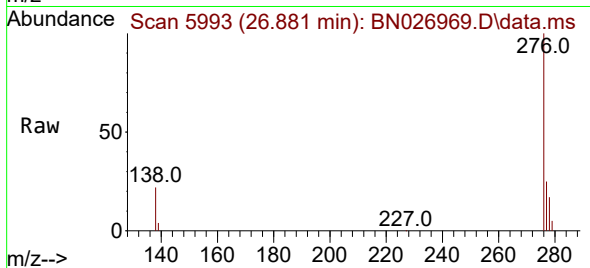
Tgt Ion:276 Resp: 580609

Ion Ratio Lower Upper

276 100

138 21.7 21.6 32.4

227 0.1 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 1.232 ng/ul

RT: 26.898 min Scan# 5998

Delta R.T. -0.024 min

Lab File: BN026969.D

Acq: 18 Aug 2023 21:05

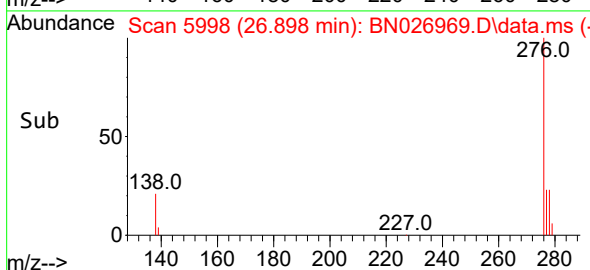
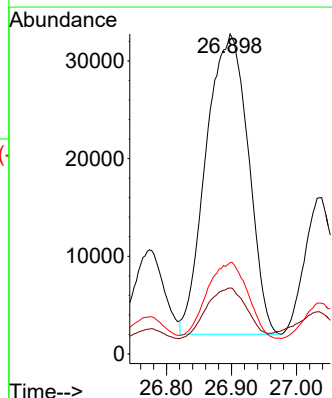
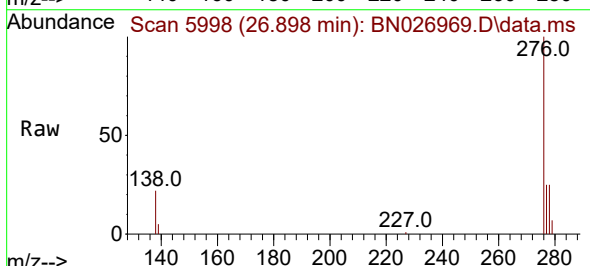
Tgt Ion:278 Resp: 138123

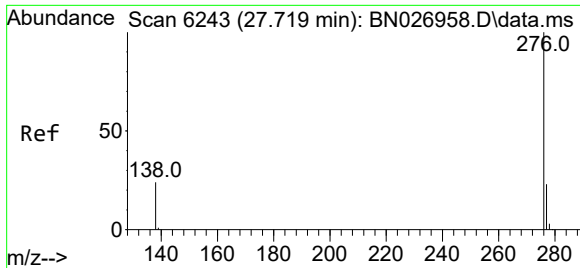
Ion Ratio Lower Upper

278 100

139 20.6 15.7 23.5

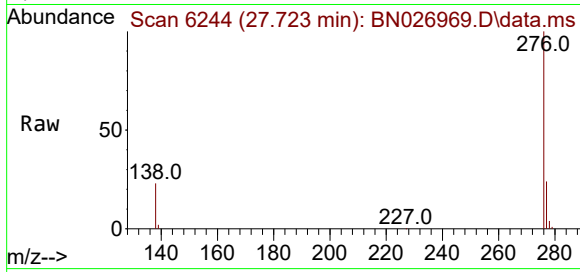
279 28.5 20.2 30.4





#29
 Benzo(g,h,i)perylene
 Concen: 4.081 ng/ul
 RT: 27.723 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN026969.D
 Acq: 18 Aug 2023 21:05

Instrument :
 BNA_N
 ClientSampleId :
 A48L3



Tgt Ion:	276	Resp:	478079
Ion	Ratio	Lower	Upper
276	100		
138	23.2	19.3	28.9
277	24.3	19.8	29.8

