

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026269.D
 Acq On : 04 Jul 2023 19:16
 Operator : MA/JU
 Sample : 03247-14DL 5X
 Misc :
 ALS Vial : 127 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 05 00:08:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

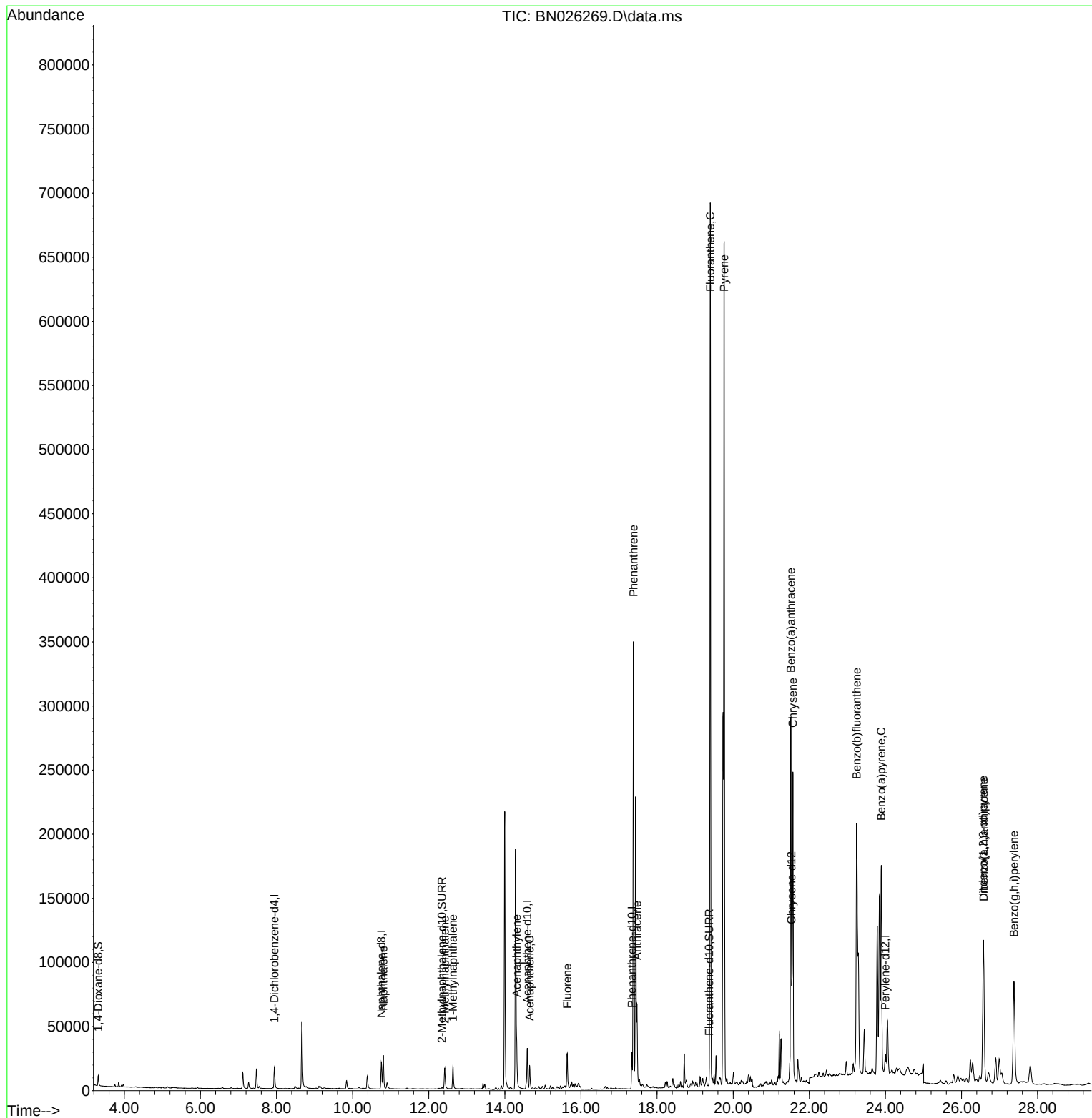
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	9887	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	31222	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	17650	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	34258	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	19751	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	20005	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5624	0.505	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	1695	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	3005	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	39190	0.438	ng/ul	100
7) 2-Methylnaphthalene	12.420	142	13772	0.242	ng/ul	100
8) 1-Methylnaphthalene	12.634	142	13637	0.231	ng/ul	100
10) Acenaphthylene	14.311	152	38442	0.465	ng/ul	99
11) Acenaphthene	14.649	153	11516	0.170	ng/ul	99
12) Fluorene	15.639	166	18685	0.241	ng/ul	99
15) Phenanthrene	17.381	178	388609	3.434	ng/ul	99
16) Anthracene	17.473	178	73140	0.727	ng/ul	100
19) Fluoranthene	19.401	202	625821	5.932	ng/ul	95
20) Pyrene	19.763	202	579318	5.280	ng/ul	94
21) Benzo(a)anthracene	21.514	228	246064	3.020	ng/ul	98
22) Chrysene	21.567	228	256585	3.026	ng/ul	97
24) Benzo(b)fluoranthene	23.245	252	464798	5.444	ng/ul	90
26) Benzo(a)pyrene	23.891	252	230077	3.102	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.574	276	171724	2.120	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.581	278	41817	0.682	ng/ul	98
29) Benzo(g,h,i)perylene	27.379	276	167166	2.320	ng/ul	94

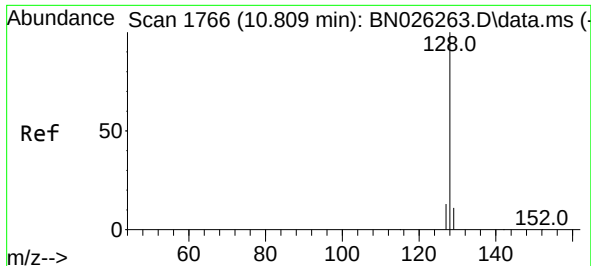
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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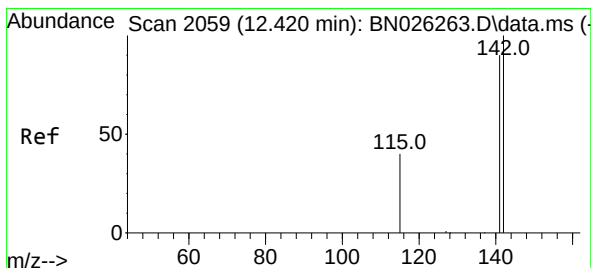
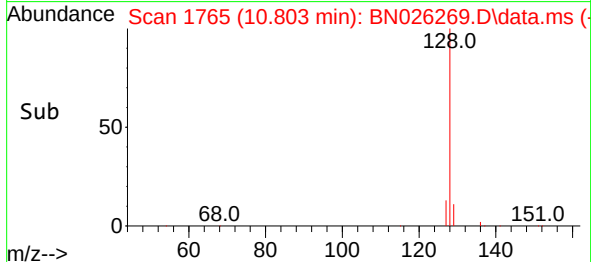
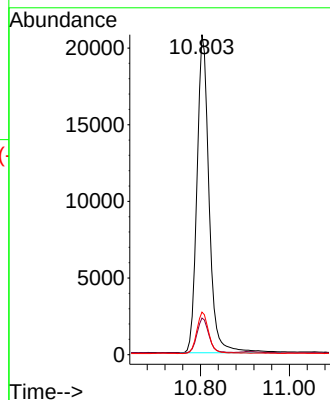
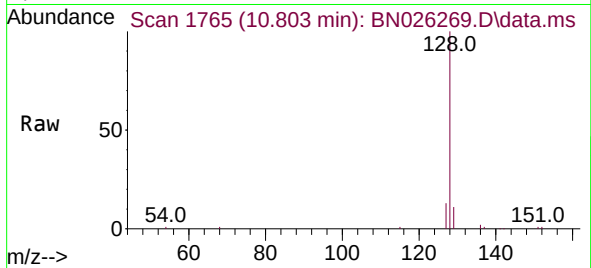




#5
Naphthalene
Concen: 0.438 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BN026269.D
Acq: 04 Jul 2023 19:16

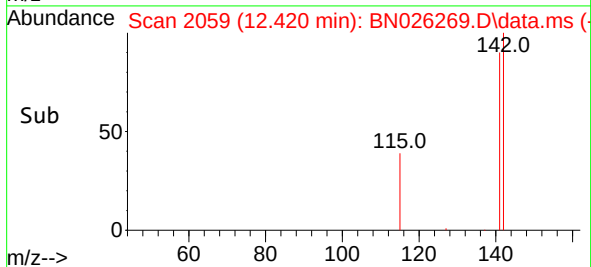
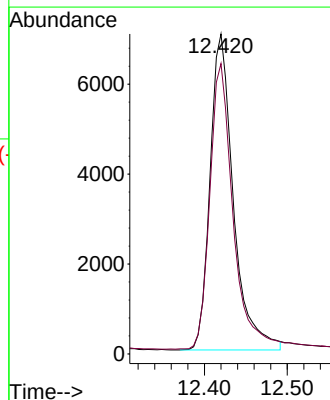
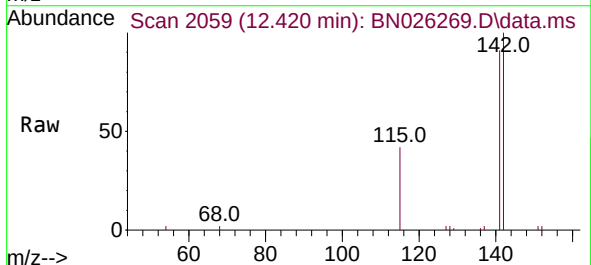
Instrument :
BNA_N
ClientSampleId :

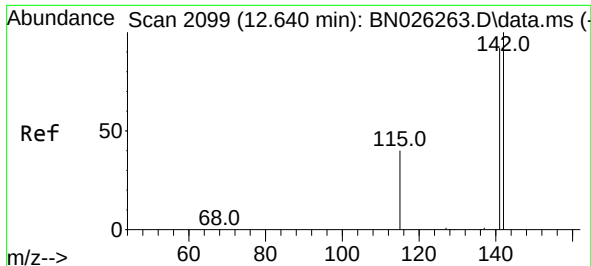
Tgt Ion:128 Resp: 39190
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.3 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.242 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN026269.D
Acq: 04 Jul 2023 19:16

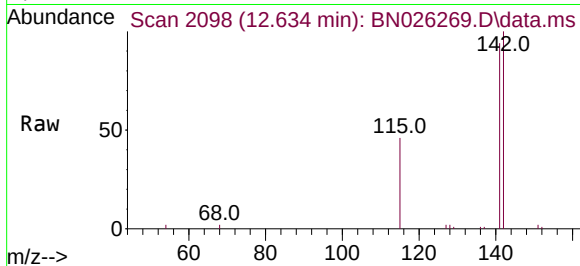
Tgt Ion:142 Resp: 13772
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9



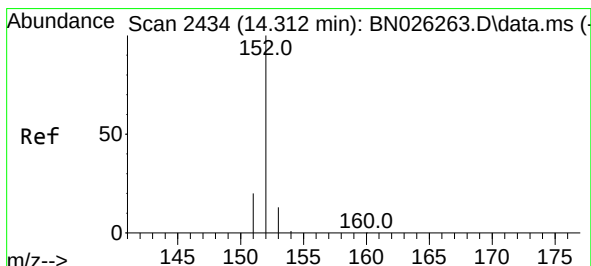
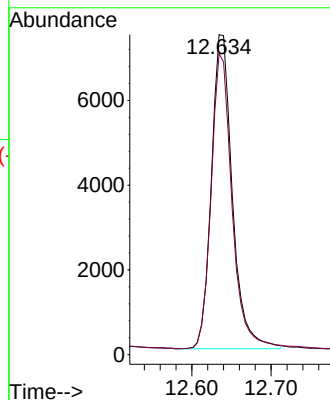
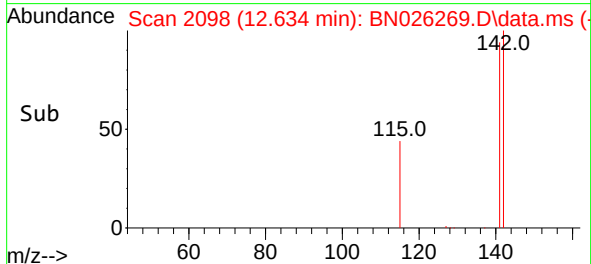


#8
1-Methylnaphthalene
Concen: 0.231 ng/ul
RT: 12.634 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN026269.D
Acq: 04 Jul 2023 19:16

Instrument :
BNA_N
ClientSampleId :

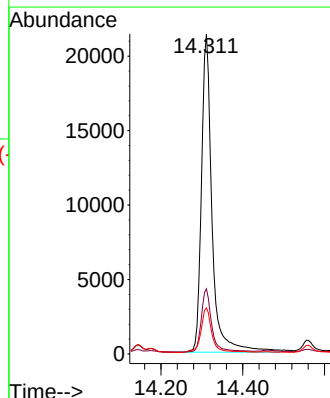
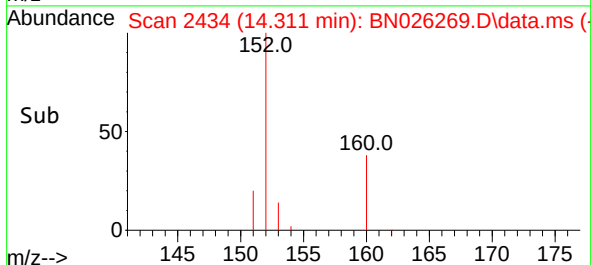
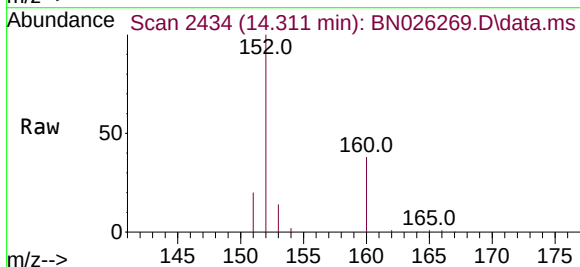


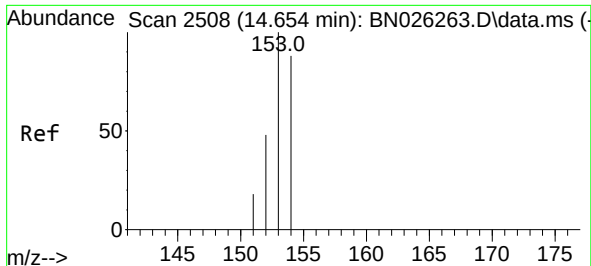
Tgt Ion:142 Resp: 13637
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4



#10
Acenaphthylene
Concen: 0.465 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. -0.001 min
Lab File: BN026269.D
Acq: 04 Jul 2023 19:16

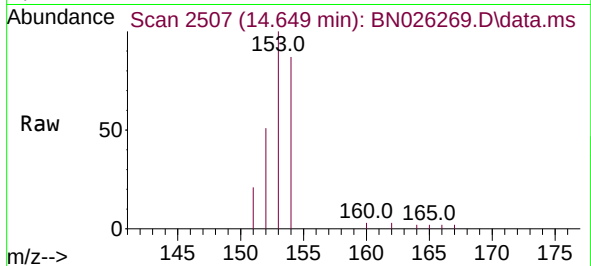
Tgt Ion:152 Resp: 38442
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.4 10.9 16.3



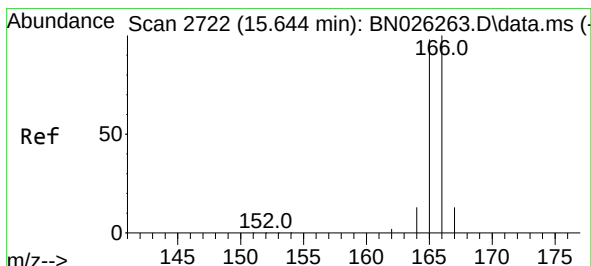
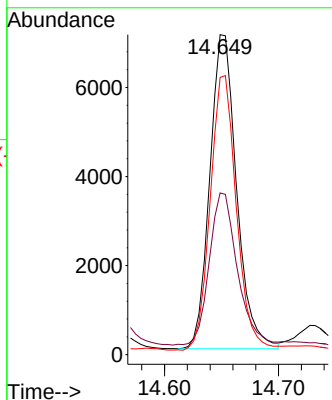
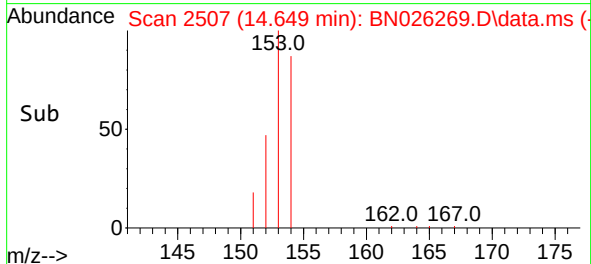


#11
Acenaphthene
Concen: 0.170 ng/ul
RT: 14.649 min Scan# 2507
Delta R.T. -0.005 min
Lab File: BN026269.D
Acq: 04 Jul 2023 19:16

Instrument :
BNA_N
ClientSampleId :

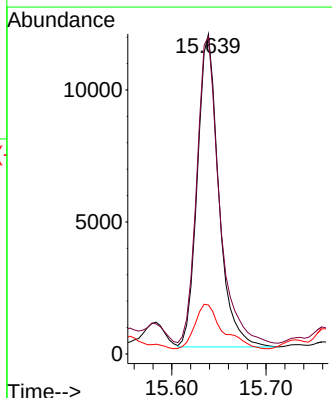
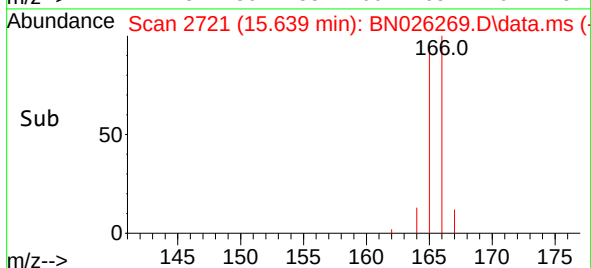
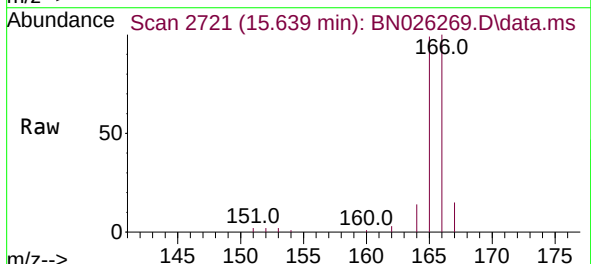


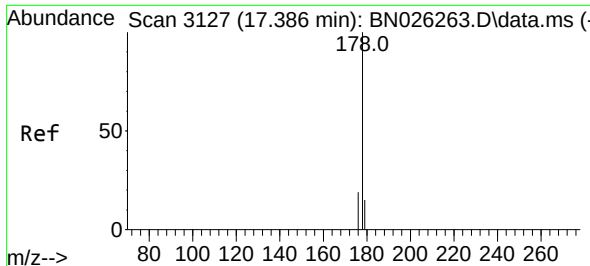
Tgt Ion:153 Resp: 11516
Ion Ratio Lower Upper
153 100
152 50.5 39.4 59.0
154 86.7 68.9 103.3



#12
Fluorene
Concen: 0.241 ng/ul
RT: 15.639 min Scan# 2721
Delta R.T. -0.005 min
Lab File: BN026269.D
Acq: 04 Jul 2023 19:16

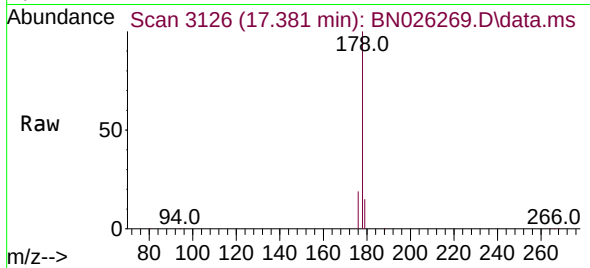
Tgt Ion:166 Resp: 18685
Ion Ratio Lower Upper
166 100
165 99.3 79.9 119.9
167 15.3 10.8 16.2



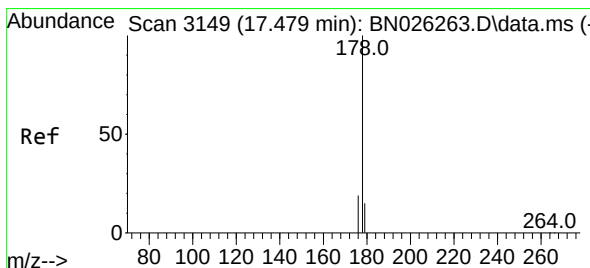
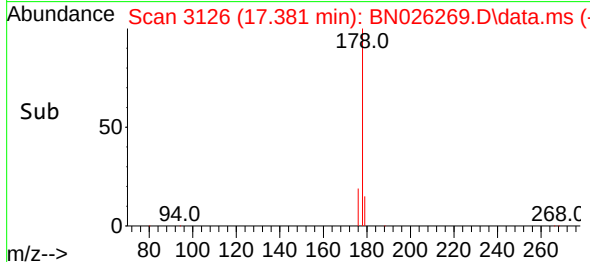
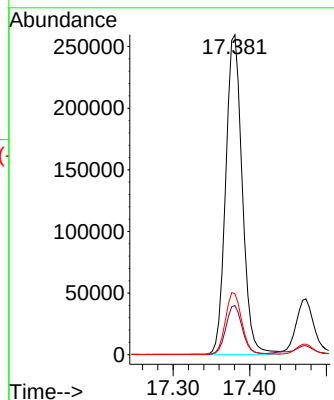


#15
Phenanthrene
Concen: 3.434 ng/ul
RT: 17.381 min Scan# 3127
Delta R.T. -0.005 min
Lab File: BN026269.D
Acq: 04 Jul 2023 19:16

Instrument :
BNA_N
ClientSampleId :

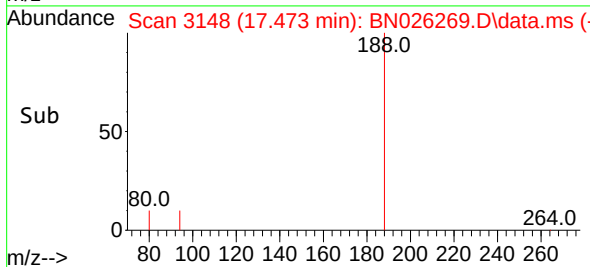
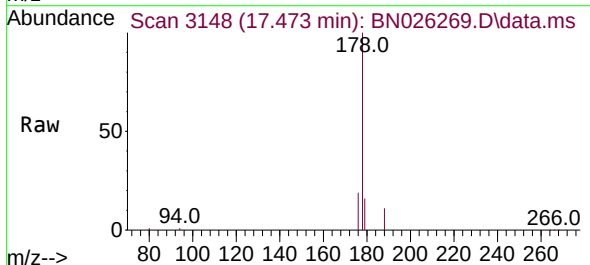
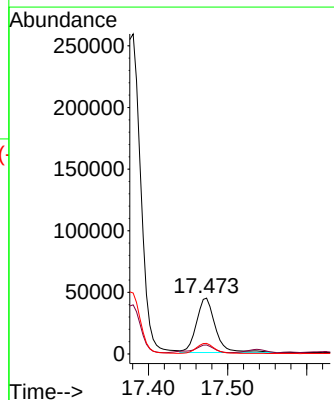


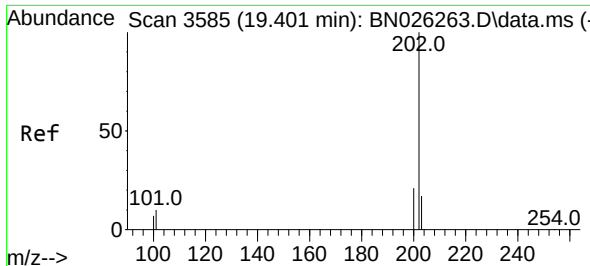
Tgt Ion:178 Resp: 388609
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.1 15.8 23.6



#16
Anthracene
Concen: 0.727 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. -0.005 min
Lab File: BN026269.D
Acq: 04 Jul 2023 19:16

Tgt Ion:178 Resp: 73140
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 18.8 15.1 22.7

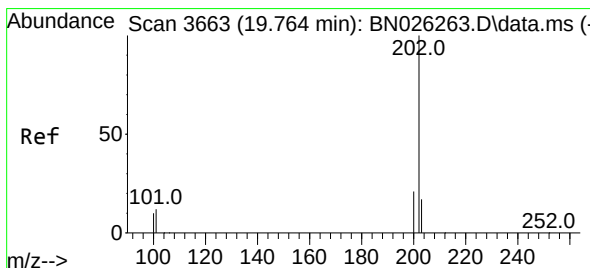
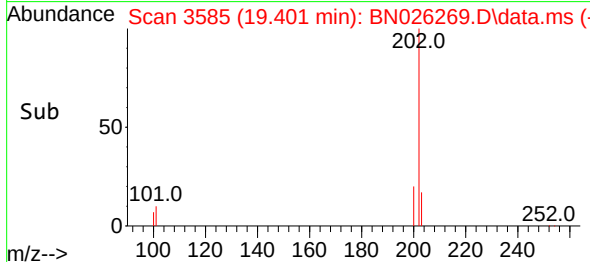
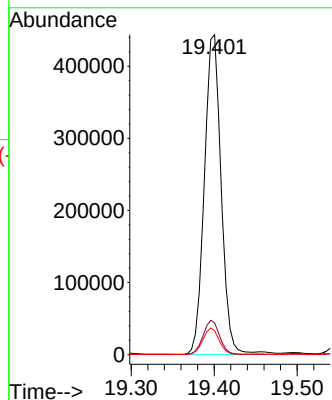
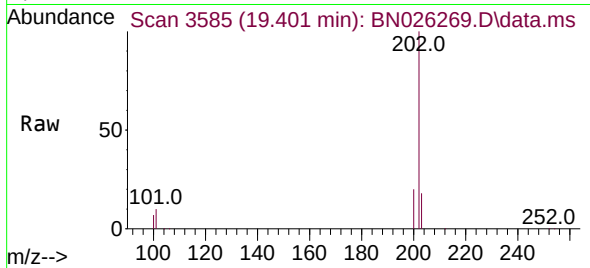




#19
Fluoranthene
Concen: 5.932 ng/ul
RT: 19.401 min Scan# 3585
Delta R.T. -0.001 min
Lab File: BN026269.D
Acq: 04 Jul 2023 19:16

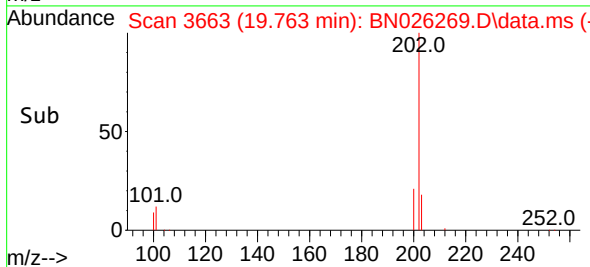
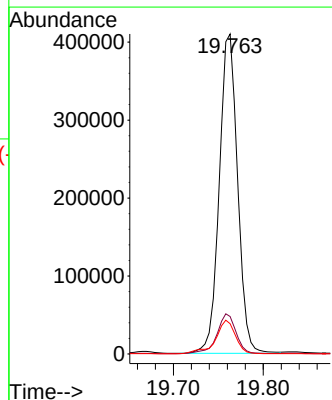
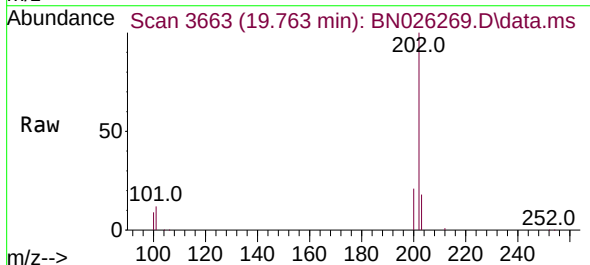
Instrument :
BNA_N
ClientSampleId :

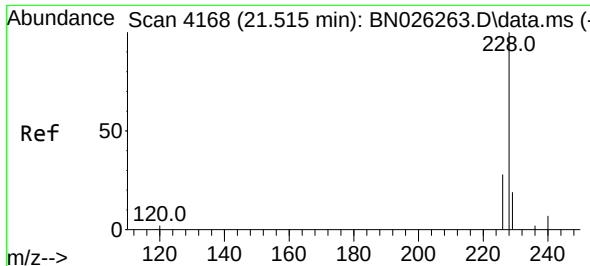
Tgt Ion:202 Resp: 625821
Ion Ratio Lower Upper
202 100
101 9.9 9.5 14.3
100 7.5 7.3 10.9



#20
Pyrene
Concen: 5.280 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BN026269.D
Acq: 04 Jul 2023 19:16

Tgt Ion:202 Resp: 579318
Ion Ratio Lower Upper
202 100
101 11.7 11.4 17.0
100 9.4 9.1 13.7

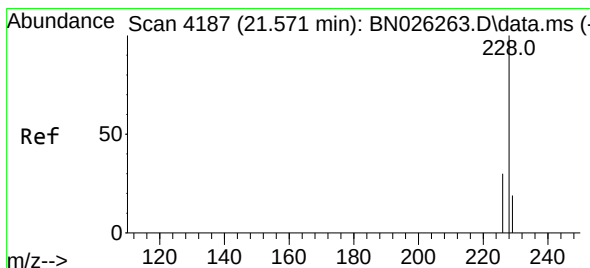
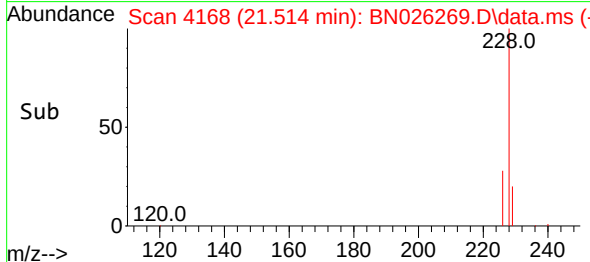
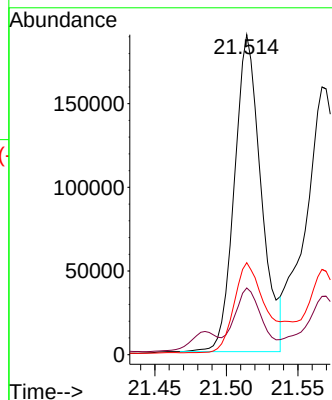
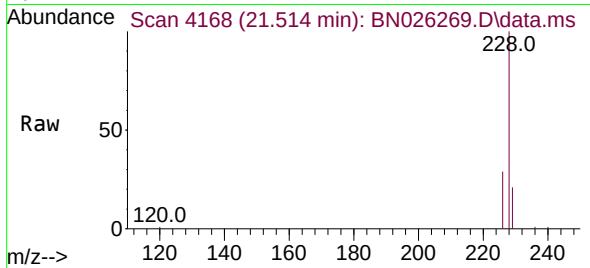




#21
Benzo(a)anthracene
Concen: 3.020 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.001 min
Lab File: BN026269.D
Acq: 04 Jul 2023 19:16

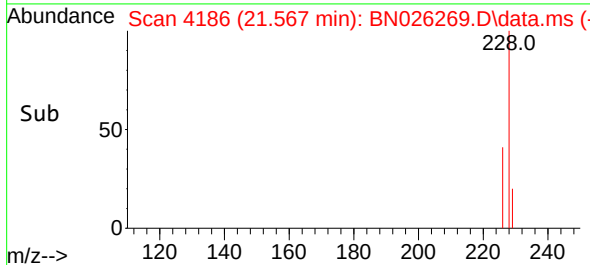
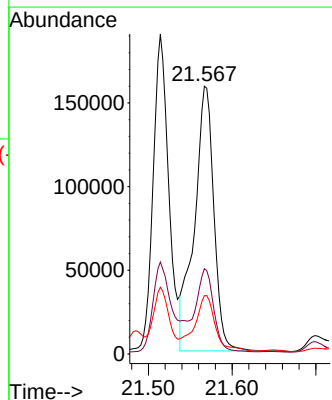
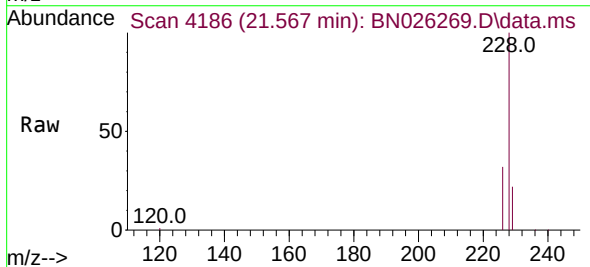
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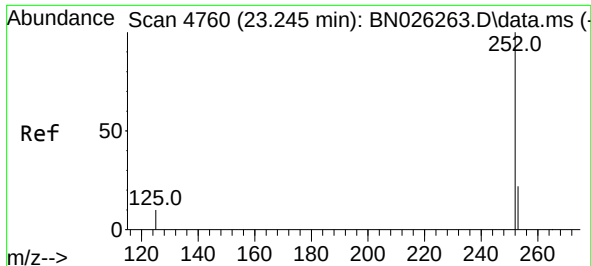
Tgt Ion:228 Resp: 246064
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 28.7 22.5 33.7



#22
Chrysene
Concen: 3.026 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. -0.004 min
Lab File: BN026269.D
Acq: 04 Jul 2023 19:16

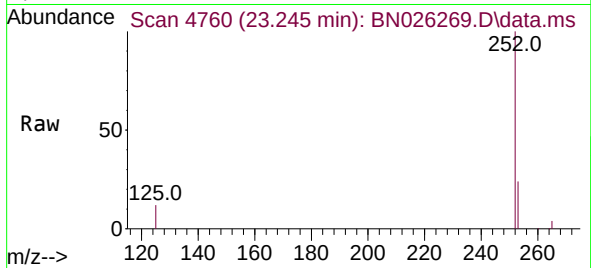
Tgt Ion:228 Resp: 256585
Ion Ratio Lower Upper
228 100
226 31.9 24.8 37.2
229 21.8 15.7 23.5



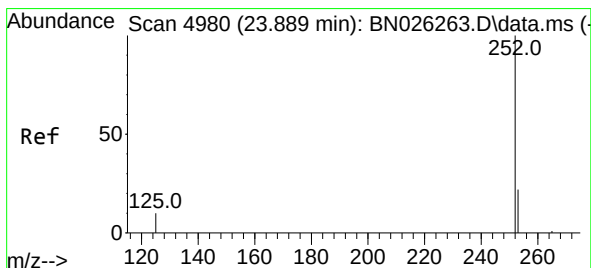
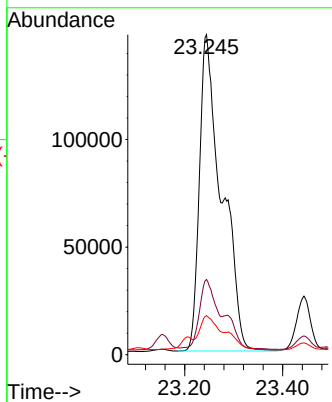
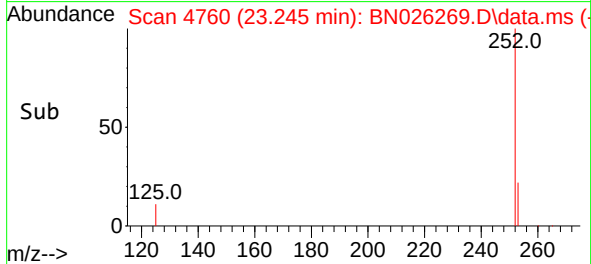


#24
Benzo(b)fluoranthene
Concen: 5.444 ng/ul
RT: 23.245 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN026269.D
Acq: 04 Jul 2023 19:16

Instrument :
BNA_N
ClientSampleId :

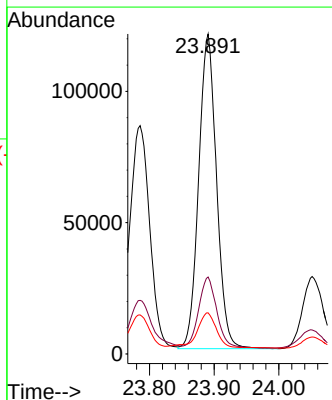
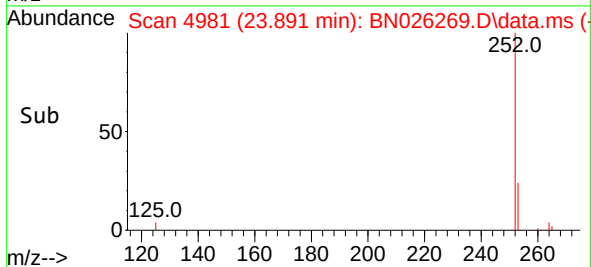
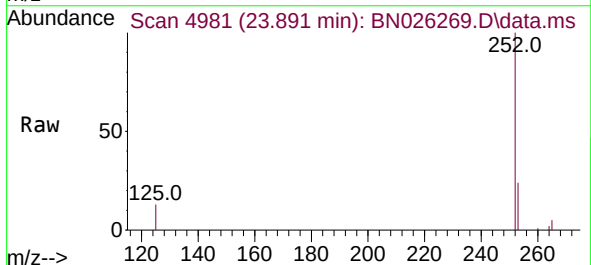


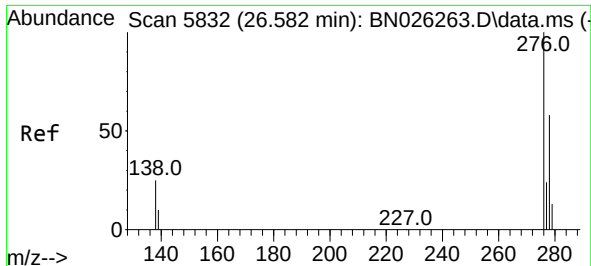
Tgt Ion:252 Resp: 464798
Ion Ratio Lower Upper
252 100
253 23.5 0.0 55.6
125 12.2 0.0 35.8



#26
Benzo(a)pyrene
Concen: 3.102 ng/ul
RT: 23.891 min Scan# 4981
Delta R.T. 0.002 min
Lab File: BN026269.D
Acq: 04 Jul 2023 19:16

Tgt Ion:252 Resp: 230077
Ion Ratio Lower Upper
252 100
253 24.0 26.0 39.0#
125 12.9 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.120 ng/ul

RT: 26.574 min Scan# 5830

Delta R.T. -0.008 min

Lab File: BN026269.D

Acq: 04 Jul 2023 19:16

Instrument :

BNA_N

ClientSampleId :

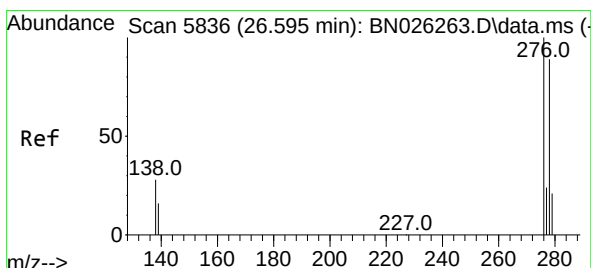
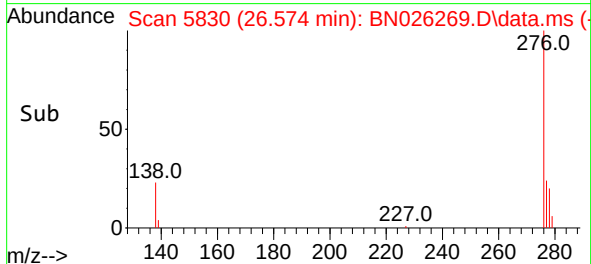
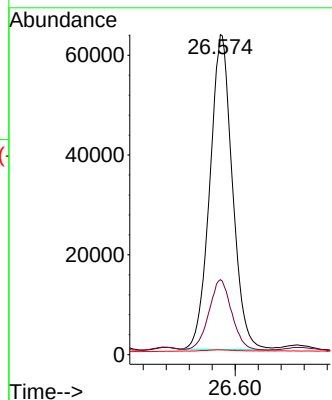
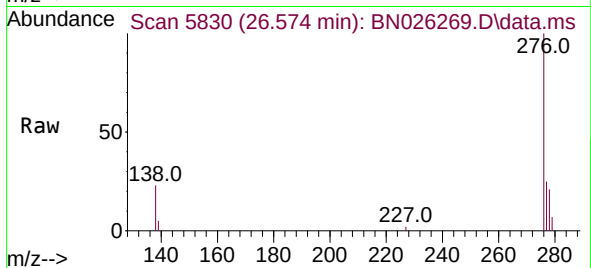
Tgt Ion:276 Resp: 171724

Ion Ratio Lower Upper

276 100

138 22.8 24.5 36.7#

227 1.0 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.682 ng/ul

RT: 26.581 min Scan# 5832

Delta R.T. -0.014 min

Lab File: BN026269.D

Acq: 04 Jul 2023 19:16

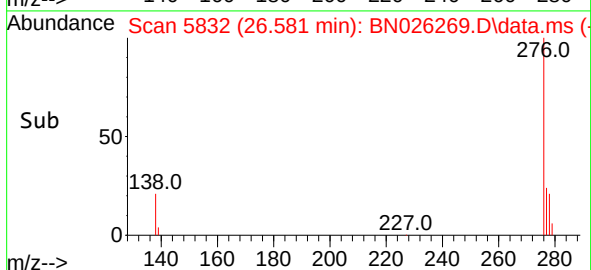
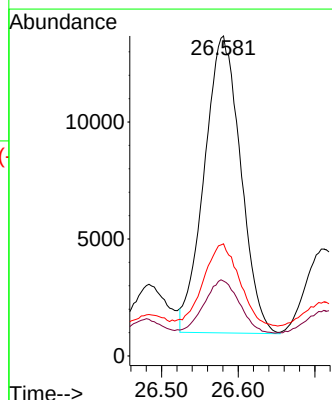
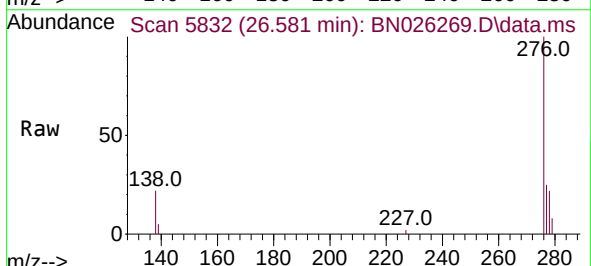
Tgt Ion:278 Resp: 41817

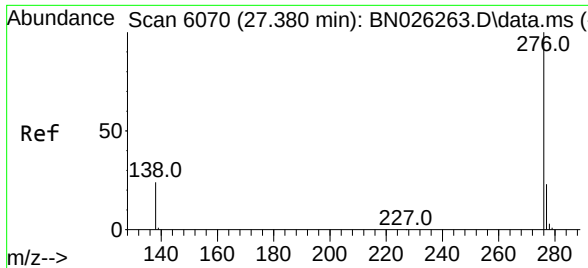
Ion Ratio Lower Upper

278 100

139 23.4 19.0 28.4

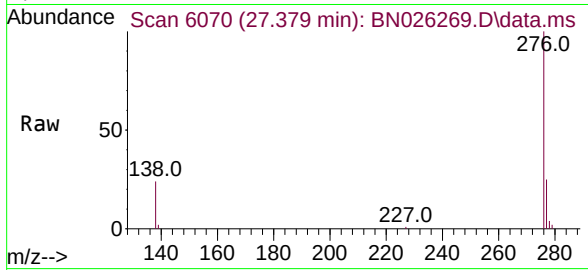
279 35.1 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 2.320 ng/ul
 RT: 27.379 min Scan# 60
 Delta R.T. -0.001 min
 Lab File: BN026269.D
 Acq: 04 Jul 2023 19:16

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 167166

Ion	Ratio	Lower	Upper
276	100		
138	24.1	23.4	35.0
277	24.5	20.0	30.0

