

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026967.D
 Acq On : 18 Aug 2023 19:51
 Operator : MA/JU
 Sample : 03965-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48K1

Quant Time: Aug 19 00:02:16 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)

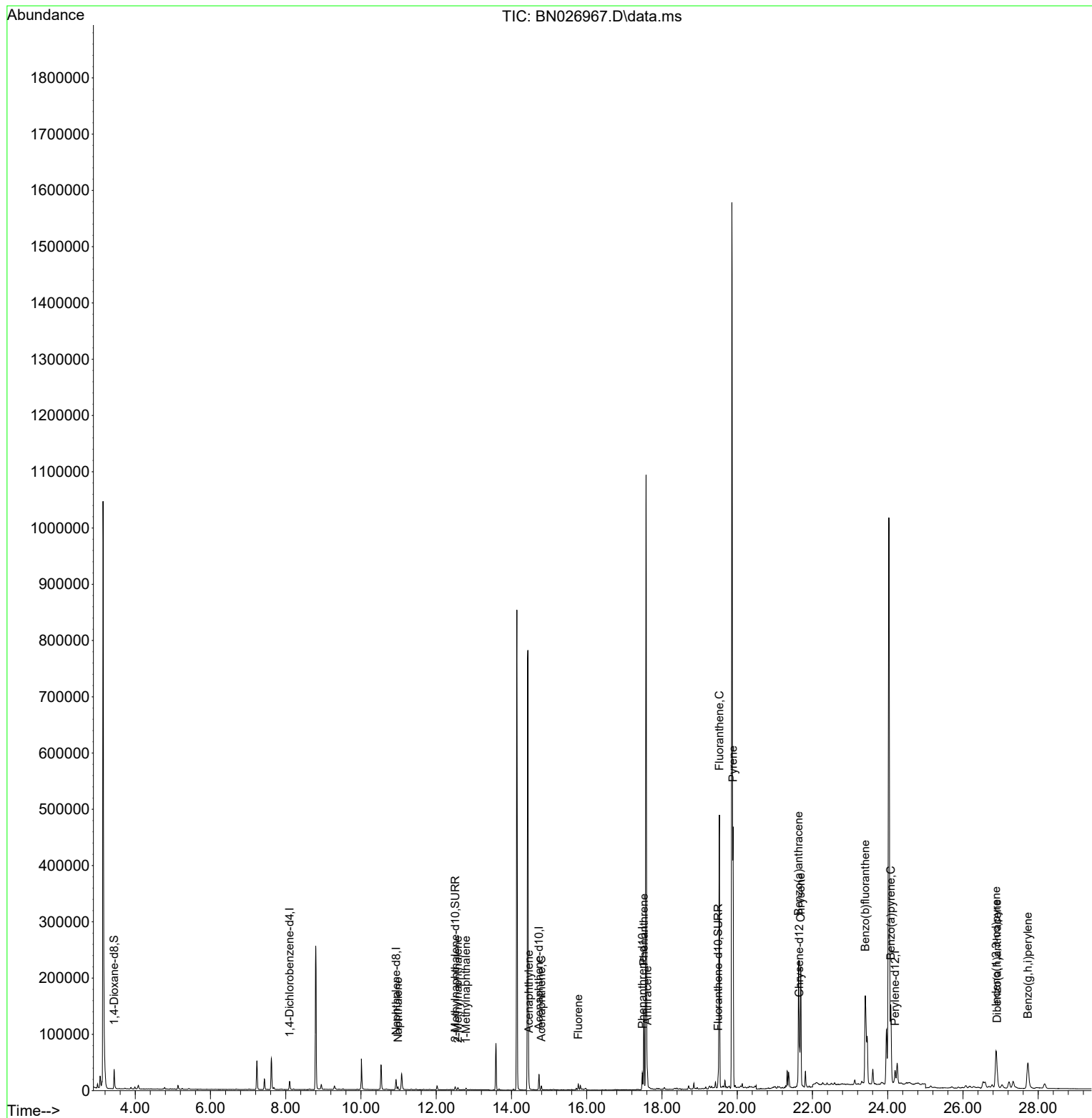
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	7317	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	24907	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	15103	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	35118	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	31671	0.400	ng/ul	# 0.00
23) Perylene-d12	24.193	264	33520	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	24306	2.798	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	7021	0.192	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	19225	0.192	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.982	128	6723	0.096	ng/ul#	94
7) 2-Methylnaphthalene	12.577	142	2576	0.060	ng/ul	99
8) 1-Methylnaphthalene	12.792	142	1970	0.044	ng/ul	100
10) Acenaphthylene	14.462	152	14362	0.170	ng/ul	99
11) Acenaphthene	14.795	153	4066	0.069	ng/ul	99
12) Fluorene	15.776	166	6212	0.094	ng/ul	99
15) Phenanthrene	17.519	178	148869	1.290	ng/ul	100
16) Anthracene	17.612	178	31119	0.298	ng/ul	99
19) Fluoranthene	19.525	202	411870	3.131	ng/ul	100
20) Pyrene	19.887	202	379071	2.701	ng/ul	100
21) Benzo(a)anthracene	21.633	228	211273	1.677	ng/ul	98
22) Chrysene	21.688	228	221112	1.778	ng/ul	98
24) Benzo(b)fluoranthene	23.404	252	419463	3.308	ng/ul	99
26) Benzo(a)pyrene	24.079	252	202881	1.773	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.881	276	126680	0.846	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.908	278	29220	0.245	ng/ul#	83
29) Benzo(g,h,i)perylene	27.726	276	112245	0.901	ng/ul	99

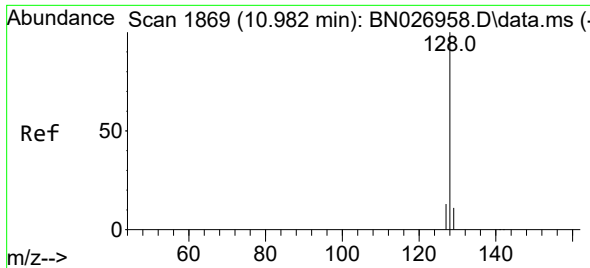
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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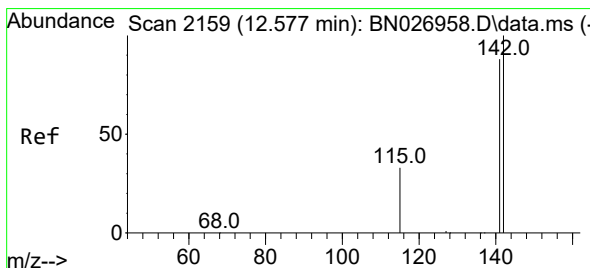
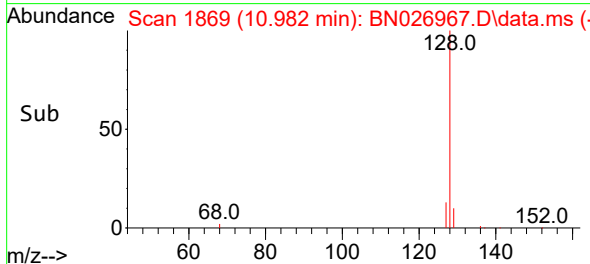
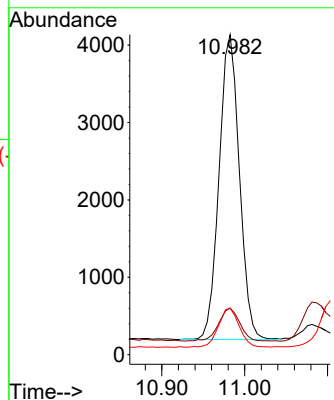
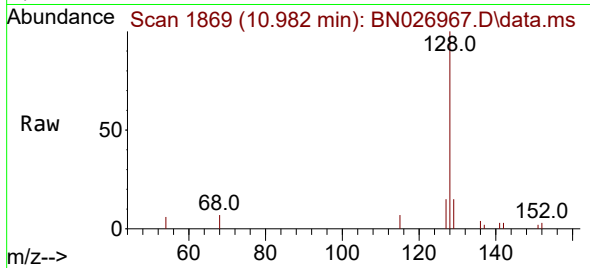




#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BN026967.D
Acq: 18 Aug 2023 19:51

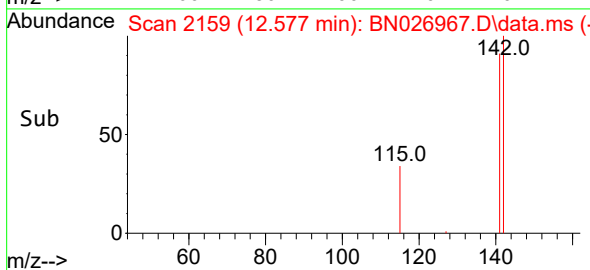
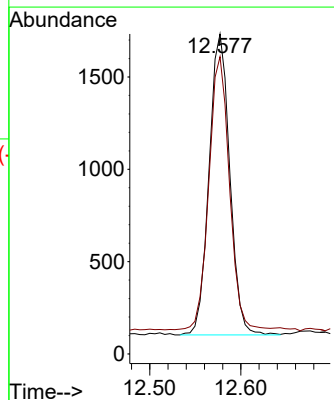
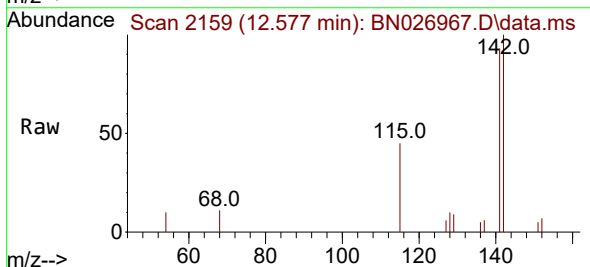
Instrument :
BNA_N
ClientSampleId :
A48K1

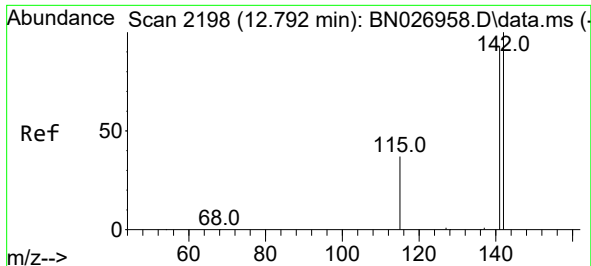
Tgt Ion:128 Resp: 6723
Ion Ratio Lower Upper
128 100
129 14.6 9.2 13.8#
127 14.5 10.5 15.7



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BN026967.D
Acq: 18 Aug 2023 19:51

Tgt Ion:142 Resp: 2576
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3

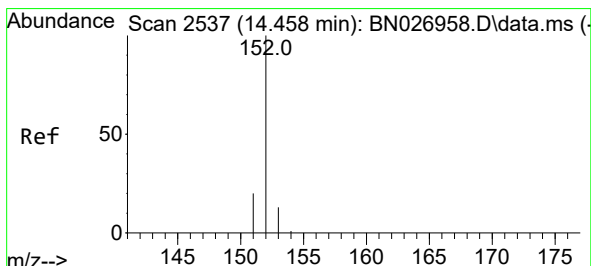
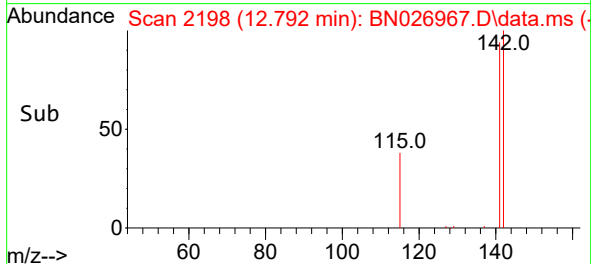
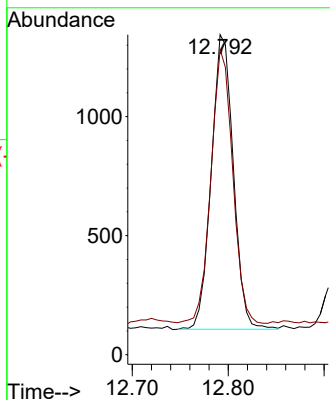
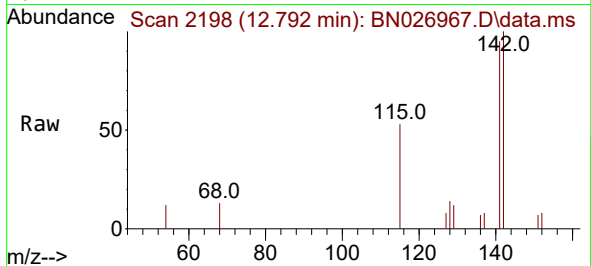




#8
1-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN026967.D
Acq: 18 Aug 2023 19:51

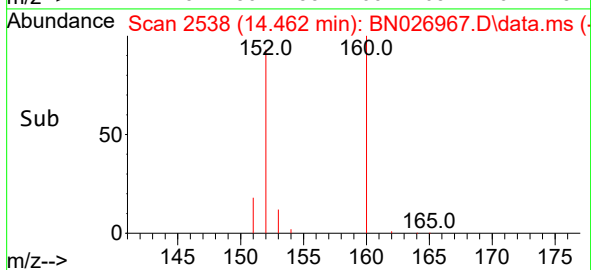
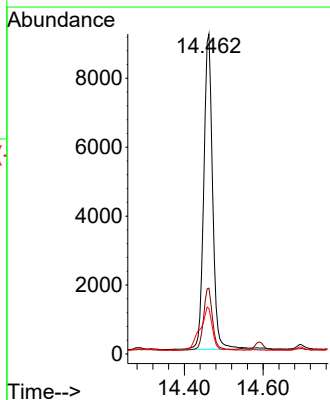
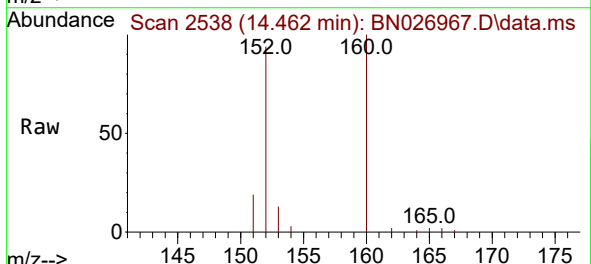
Instrument :
BNA_N
ClientSampleId :
A48K1

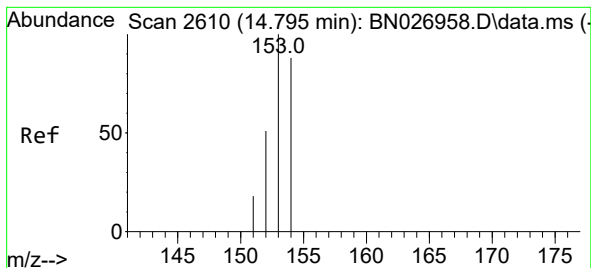
Tgt Ion:142 Resp: 1970
Ion Ratio Lower Upper
142 100
141 91.7 73.2 109.8



#10
Acenaphthylene
Concen: 0.170 ng/ul
RT: 14.462 min Scan# 2538
Delta R.T. 0.005 min
Lab File: BN026967.D
Acq: 18 Aug 2023 19:51

Tgt Ion:152 Resp: 14362
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 14.2 11.0 16.6





#11

Acenaphthene

Concen: 0.069 ng/ul

RT: 14.795 min Scan# 2610

Delta R.T. 0.005 min

Lab File: BN026967.D

Acq: 18 Aug 2023 19:51

Instrument :

BNA_N

ClientSampleId :

A48K1

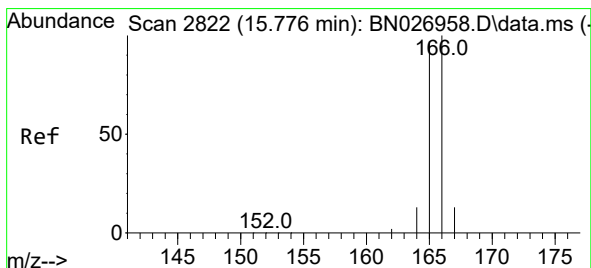
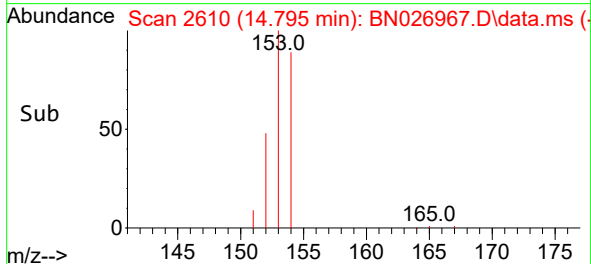
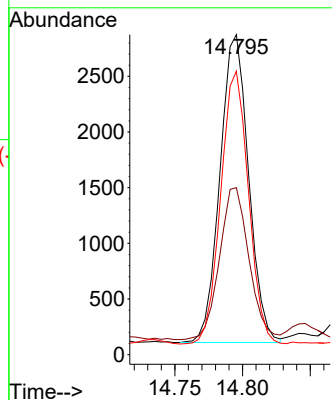
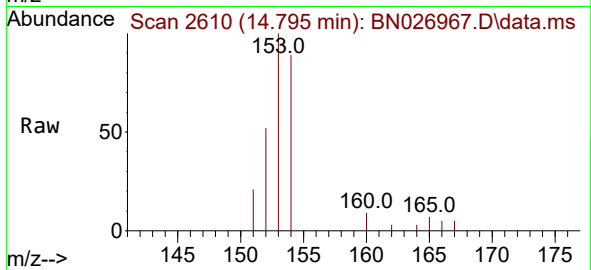
Tgt Ion:153 Resp: 4066

Ion Ratio Lower Upper

153 100

152 52.2 41.1 61.7

154 88.6 71.6 107.4



#12

Fluorene

Concen: 0.094 ng/ul

RT: 15.776 min Scan# 2822

Delta R.T. 0.005 min

Lab File: BN026967.D

Acq: 18 Aug 2023 19:51

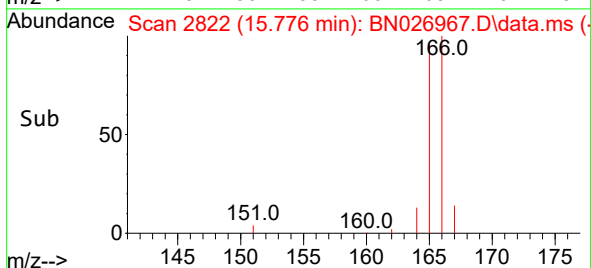
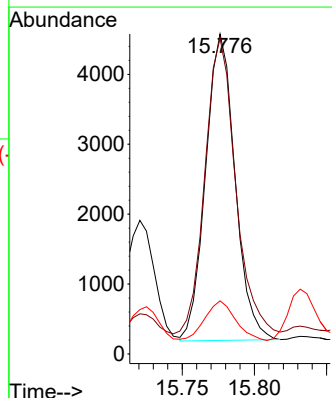
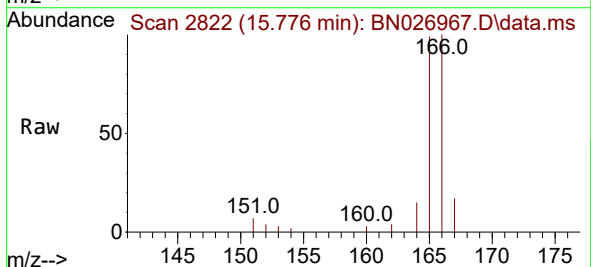
Tgt Ion:166 Resp: 6212

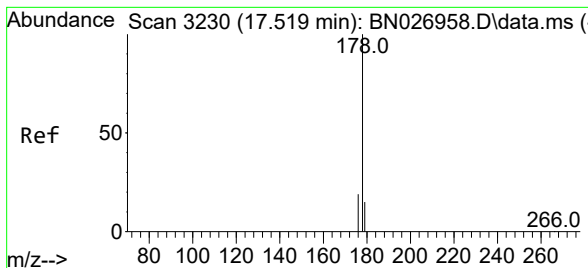
Ion Ratio Lower Upper

166 100

165 98.6 79.1 118.7

167 16.6 11.4 17.0





#15

Phenanthrene

Concen: 1.290 ng/ul

RT: 17.519 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN026967.D

Acq: 18 Aug 2023 19:51

Instrument :

BNA_N

ClientSampleId :

A48K1

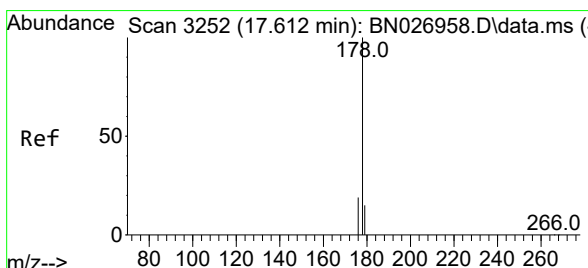
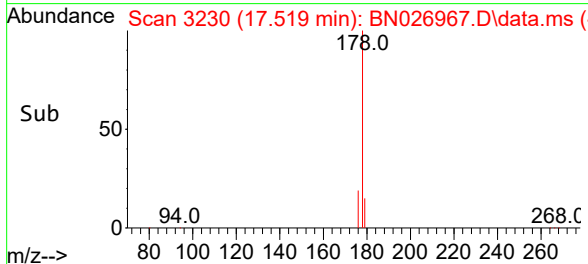
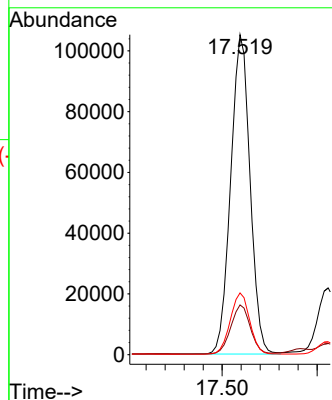
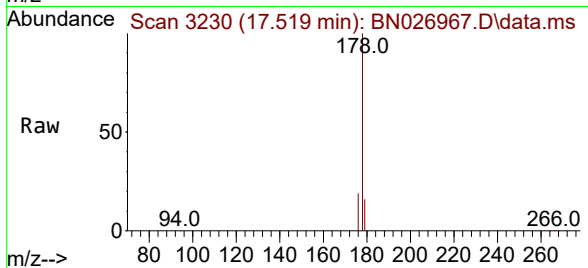
Tgt Ion:178 Resp: 148869

Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

176 19.3 15.4 23.2



#16

Anthracene

Concen: 0.298 ng/ul

RT: 17.612 min Scan# 3252

Delta R.T. 0.004 min

Lab File: BN026967.D

Acq: 18 Aug 2023 19:51

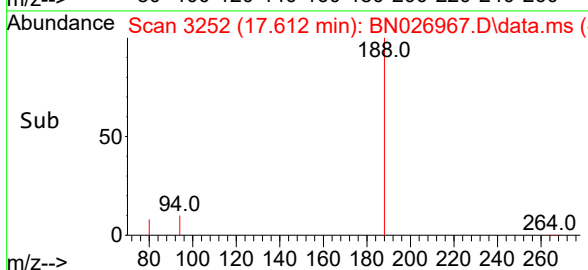
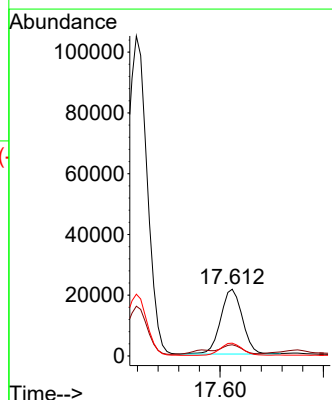
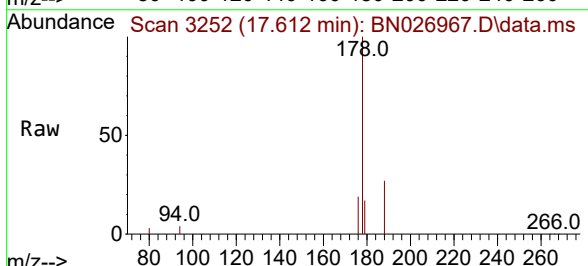
Tgt Ion:178 Resp: 31119

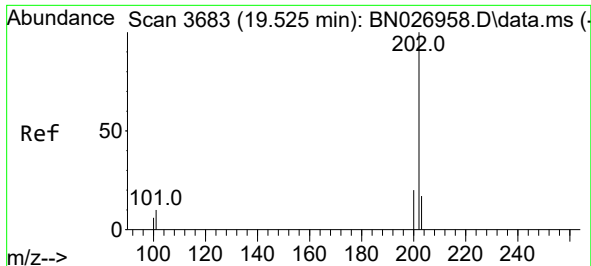
Ion Ratio Lower Upper

178 100

179 16.7 12.6 19.0

176 19.1 15.0 22.6

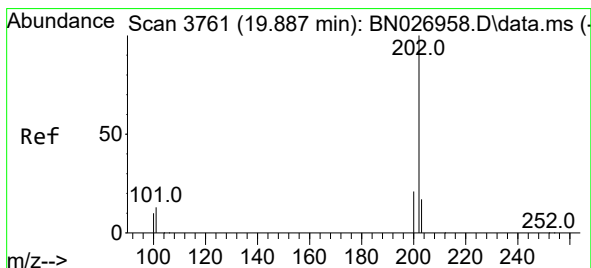
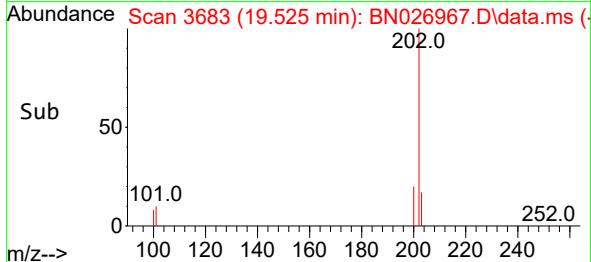
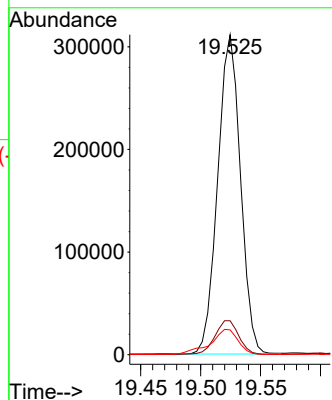
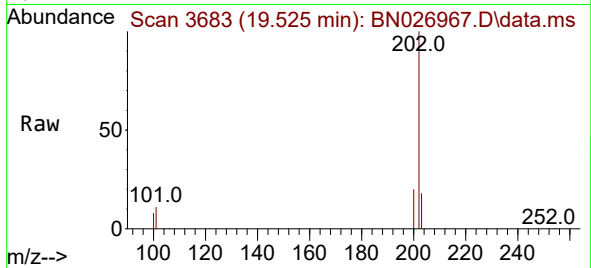




#19
Fluoranthene
Concen: 3.131 ng/ul
RT: 19.525 min Scan# 3683
Delta R.T. -0.000 min
Lab File: BN026967.D
Acq: 18 Aug 2023 19:51

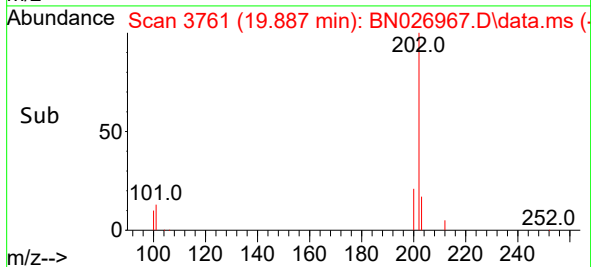
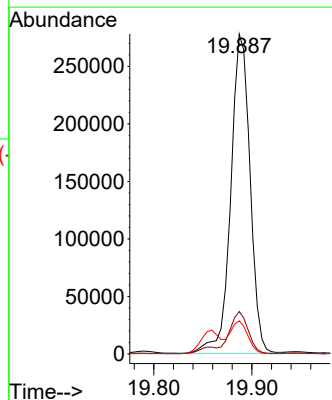
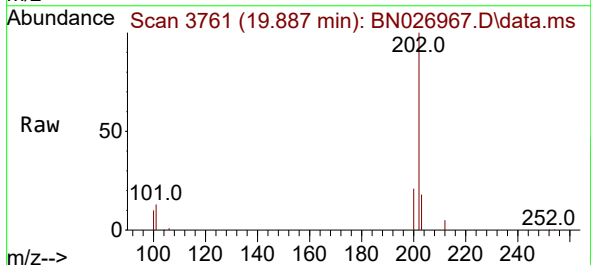
Instrument :
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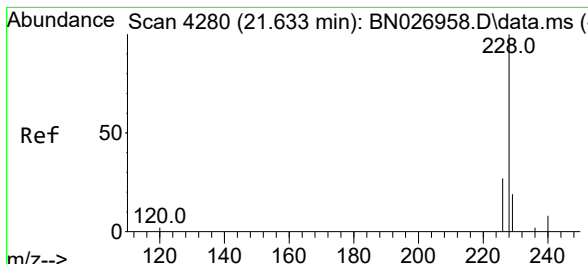
Tgt Ion:202 Resp: 411870
Ion Ratio Lower Upper
202 100
101 10.6 8.3 12.5
100 7.7 6.2 9.2



#20
Pyrene
Concen: 2.701 ng/ul
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN026967.D
Acq: 18 Aug 2023 19:51

Tgt Ion:202 Resp: 379071
Ion Ratio Lower Upper
202 100
101 13.3 10.7 16.1
100 10.4 8.5 12.7

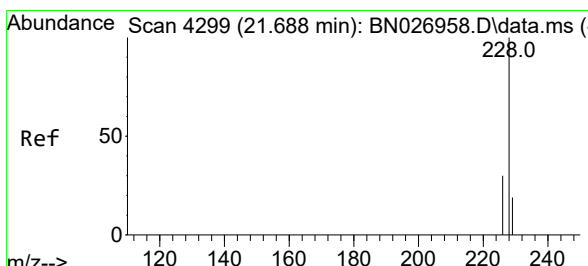
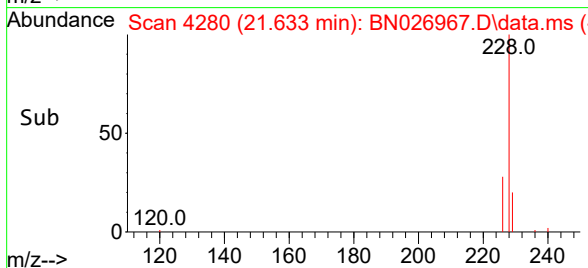
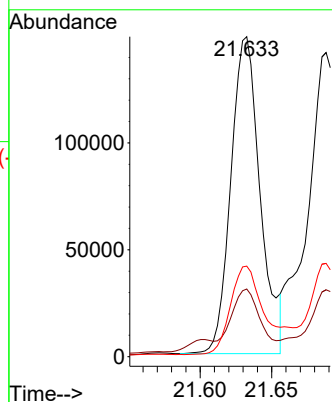
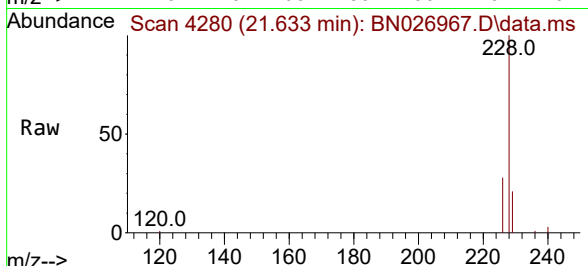




#21
Benzo(a)anthracene
Concen: 1.677 ng/ul
RT: 21.633 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN026967.D
Acq: 18 Aug 2023 19:51

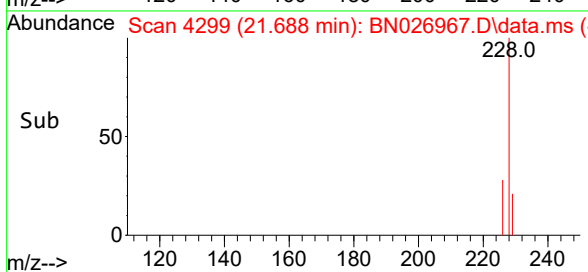
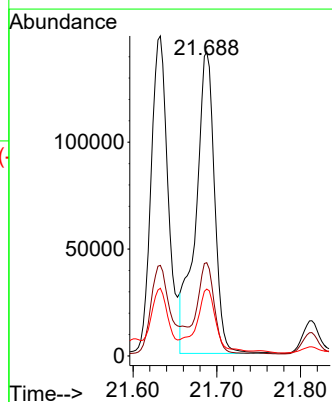
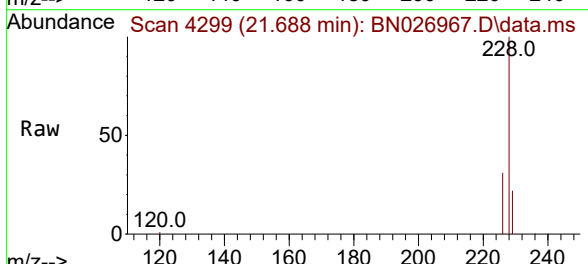
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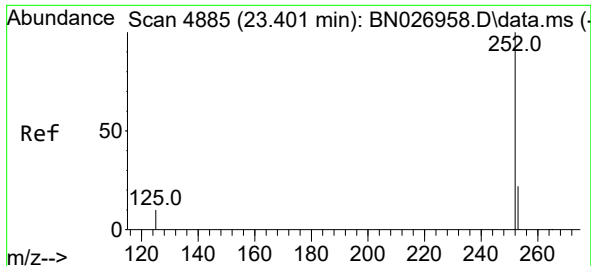
Tgt Ion:228 Resp: 211273
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 28.3 22.2 33.2



#22
Chrysene
Concen: 1.778 ng/ul
RT: 21.688 min Scan# 4299
Delta R.T. -0.003 min
Lab File: BN026967.D
Acq: 18 Aug 2023 19:51

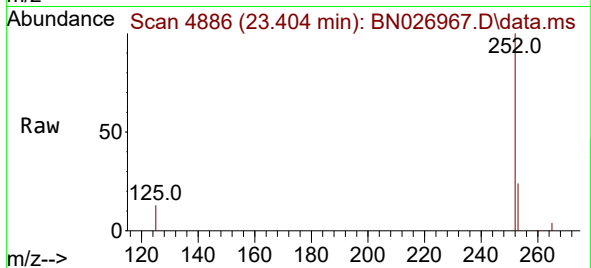
Tgt Ion:228 Resp: 221112
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 22.0 15.8 23.6



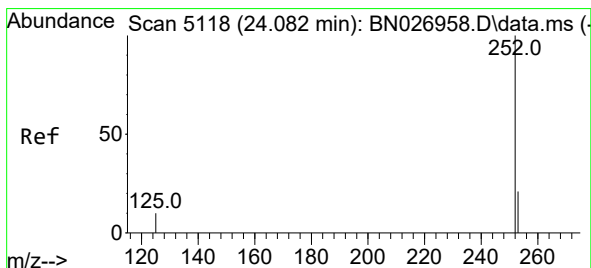
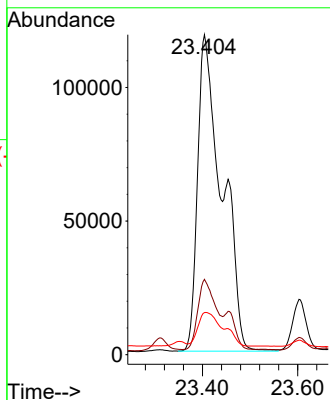


#24
Benzo(b)fluoranthene
Concen: 3.308 ng/ul
RT: 23.404 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN026967.D
Acq: 18 Aug 2023 19:51

Instrument :
BNA_N
ClientSampleId :
A48K1

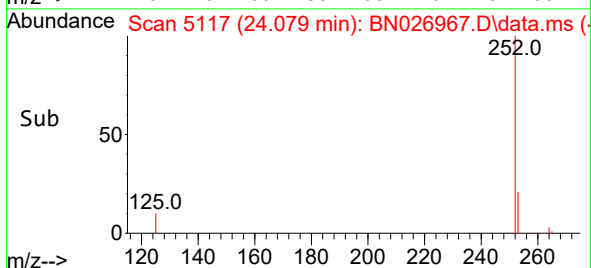
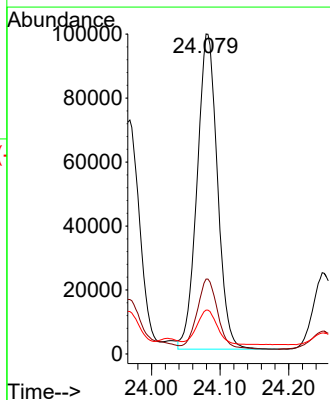
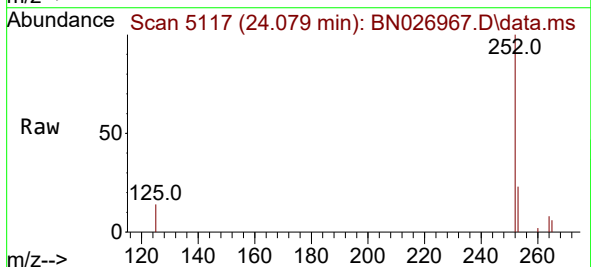


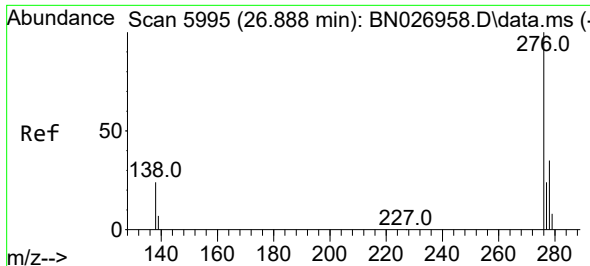
Tgt Ion:252 Resp: 419463
Ion Ratio Lower Upper
252 100
253 23.5 0.0 46.8
125 13.1 0.0 25.2



#26
Benzo(a)pyrene
Concen: 1.773 ng/ul
RT: 24.079 min Scan# 5117
Delta R.T. -0.006 min
Lab File: BN026967.D
Acq: 18 Aug 2023 19:51

Tgt Ion:252 Resp: 202881
Ion Ratio Lower Upper
252 100
253 23.4 19.0 28.6
125 13.7 11.4 17.0

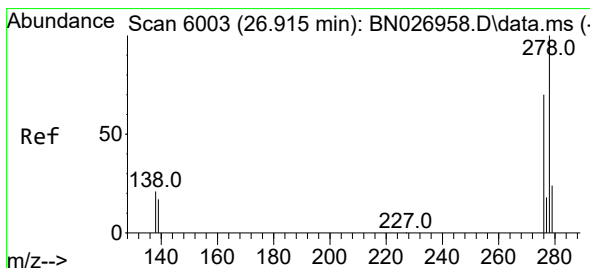
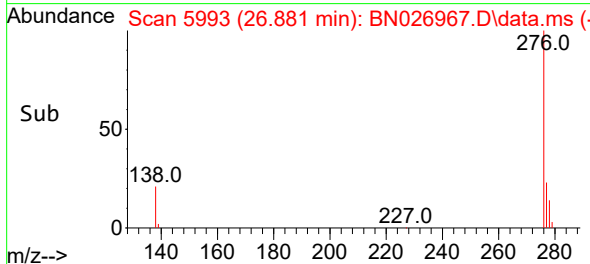
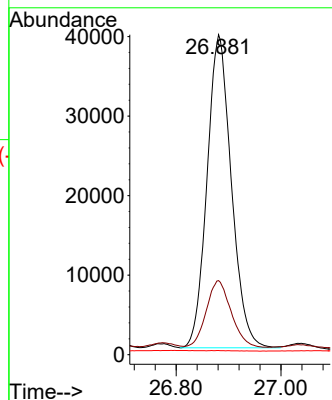
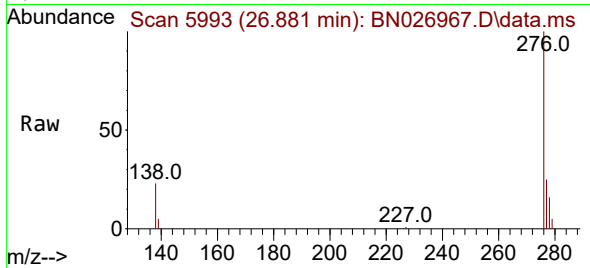




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.846 ng/ul
 RT: 26.881 min Scan# 5995
 Delta R.T. -0.004 min
 Lab File: BN026967.D
 Acq: 18 Aug 2023 19:51

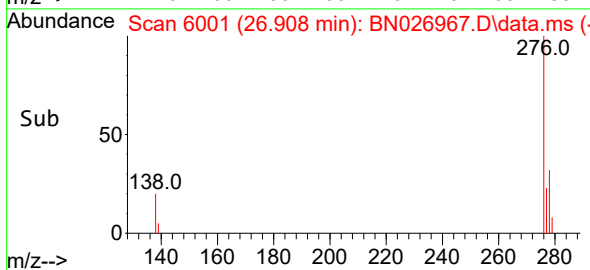
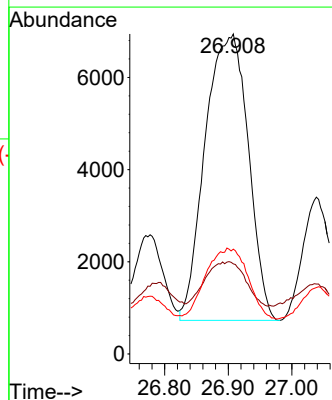
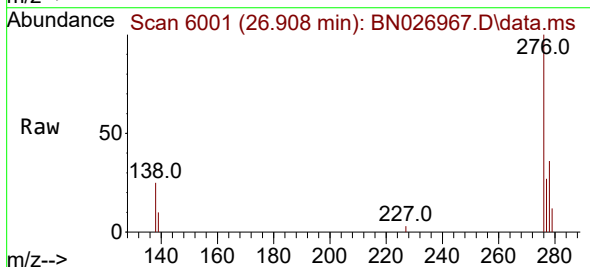
Instrument :
 BNA_N
 ClientSampleId :
 A48K1

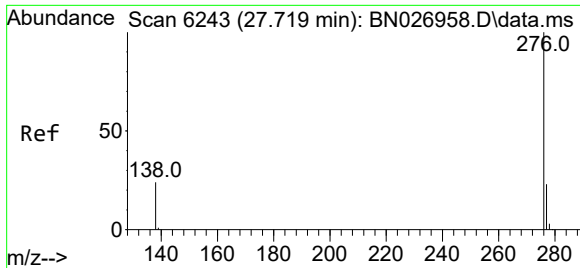
Tgt Ion:276 Resp: 126680
 Ion Ratio Lower Upper
 276 100
 138 21.7 21.6 32.4
 227 0.0 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.245 ng/ul
 RT: 26.908 min Scan# 6001
 Delta R.T. -0.014 min
 Lab File: BN026967.D
 Acq: 18 Aug 2023 19:51

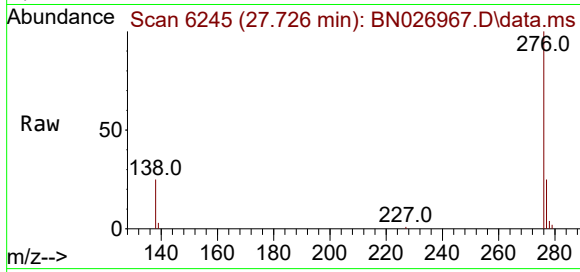
Tgt Ion:278 Resp: 29220
 Ion Ratio Lower Upper
 278 100
 139 28.2 15.7 23.5#
 279 32.8 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.901 ng/ul
 RT: 27.726 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: BN026967.D
 Acq: 18 Aug 2023 19:51

Instrument :
 BNA_N
 ClientSampleId :
 A48K1



Tgt Ion:	276	Resp:	112245
Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.3	28.9
277	25.1	19.8	29.8

