

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026225.D
 Acq On : 03 Jul 2023 14:22
 Operator : MA/JU
 Sample : 03246-08
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGJ5

Quant Time: Jul 03 23:22:02 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

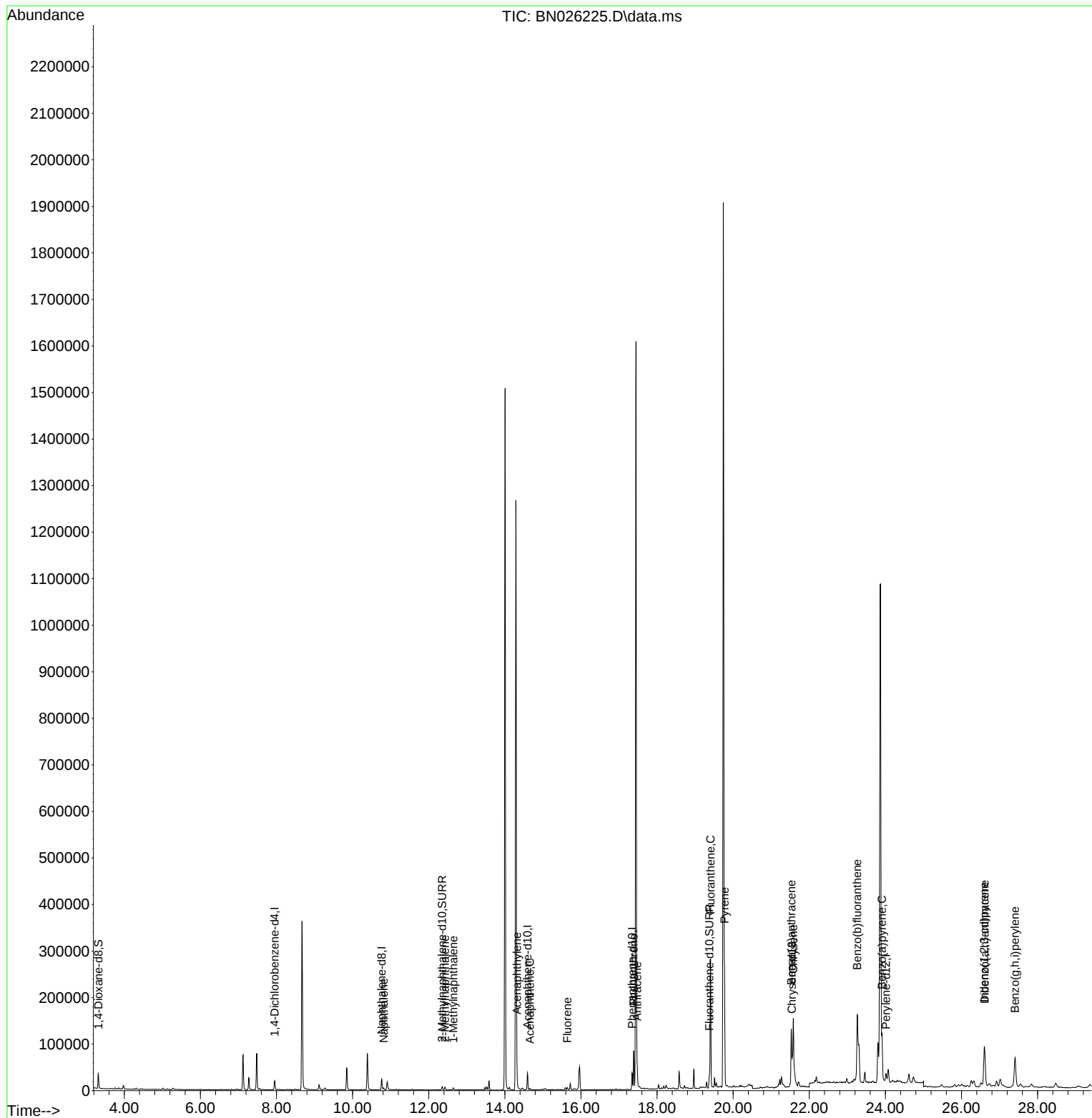
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	10499	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	33448	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.594	164	20099	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.344	188	40324	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	23106	0.400	ng/ul	# 0.00
23) Perylene-d12	24.017	264	23816	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	21967	1.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	10381	0.202	ng/ul	-0.01
18) Fluoranthene-d10	19.374	212	24540	0.279	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.814	128	6395	0.067	ng/ul#	94
7) 2-Methylnaphthalene	12.426	142	4867	0.080	ng/ul	98
8) 1-Methylnaphthalene	12.646	142	3258	0.052	ng/ul	98
10) Acenaphthylene	14.317	152	23219	0.247	ng/ul	99
11) Acenaphthene	14.659	153	2145	0.028	ng/ul	95
12) Fluorene	15.644	166	3223	0.037	ng/ul#	96
15) Phenanthrene	17.386	178	87229	0.655	ng/ul	100
16) Anthracene	17.479	178	39735	0.336	ng/ul	98
19) Fluoranthene	19.406	202	242063	1.961	ng/ul	100
20) Pyrene	19.773	202	209147	1.629	ng/ul	95
21) Benzo(a)anthracene	21.527	228	105664	1.109	ng/ul	95
22) Chrysene	21.579	228	140811	1.420	ng/ul#	88
24) Benzo(b)fluoranthene	23.260	252	337746	3.323	ng/ul	93
26) Benzo(a)pyrene	23.912	252	132689	1.503	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.602	276	146277	1.517	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.609	278	35298	0.484	ng/ul#	92
29) Benzo(g,h,i)perylene	27.407	276	135696	1.582	ng/ul	95

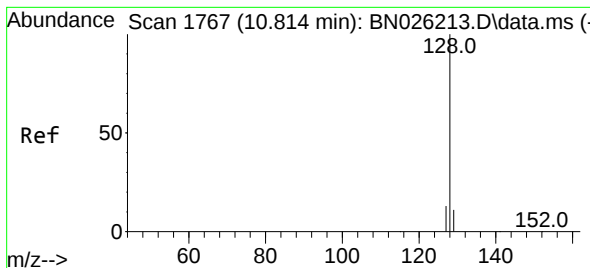
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.067 ng/ul

RT: 10.814 min Scan# 1767

Delta R.T. -0.011 min

Lab File: BN026225.D

Acq: 03 Jul 2023 14:22

Instrument :

BNA_N

ClientSampleId :

DCGJ5

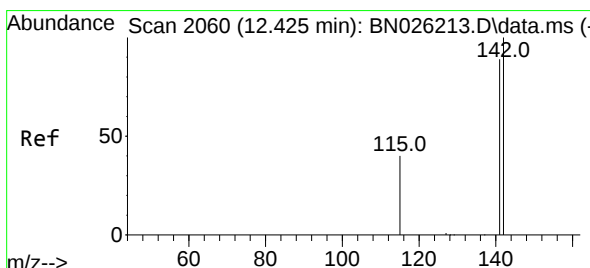
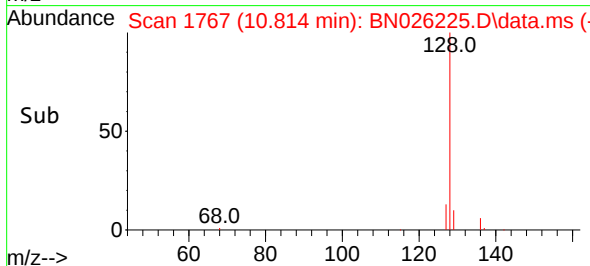
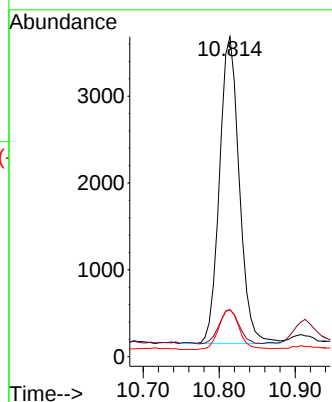
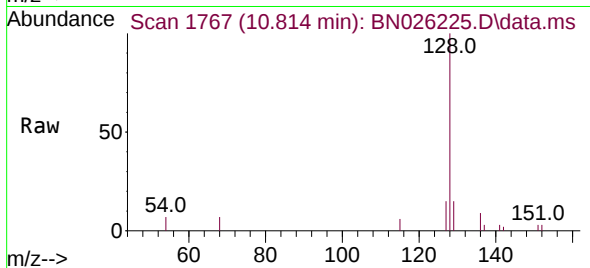
Tgt Ion:128 Resp: 6395

Ion Ratio Lower Upper

128 100

129 14.7 9.1 13.7#

127 14.7 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.080 ng/ul

RT: 12.426 min Scan# 2060

Delta R.T. -0.011 min

Lab File: BN026225.D

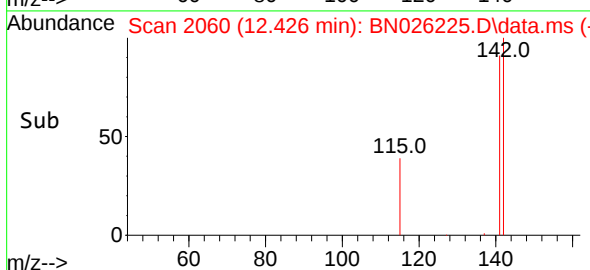
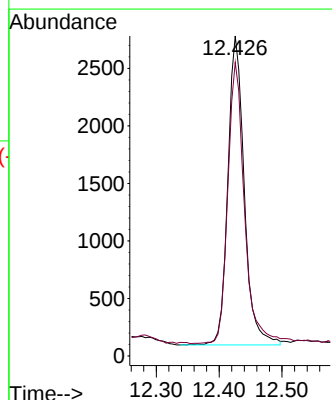
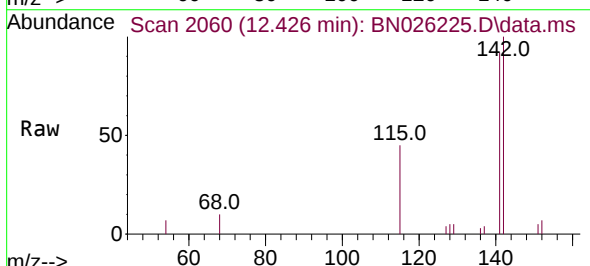
Acq: 03 Jul 2023 14:22

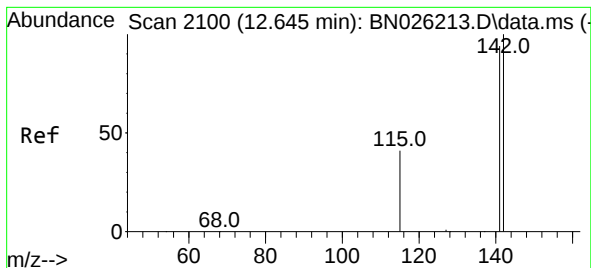
Tgt Ion:142 Resp: 4867

Ion Ratio Lower Upper

142 100

141 91.5 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.052 ng/ul

RT: 12.646 min Scan# 2100

Delta R.T. -0.005 min

Lab File: BN026225.D

Acq: 03 Jul 2023 14:22

Instrument :

BNA_N

ClientSampleId :

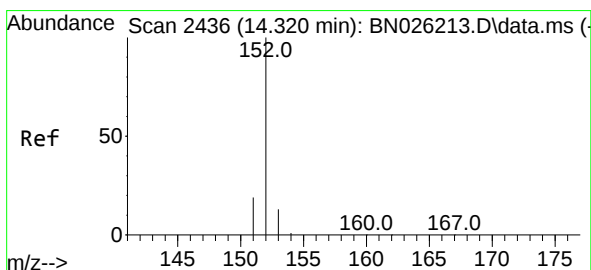
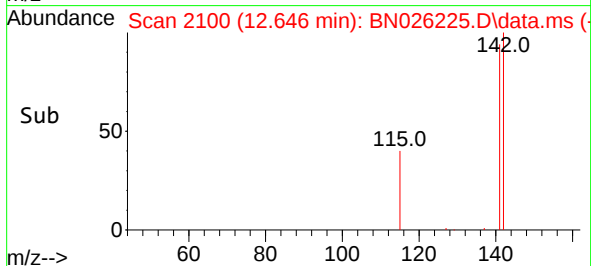
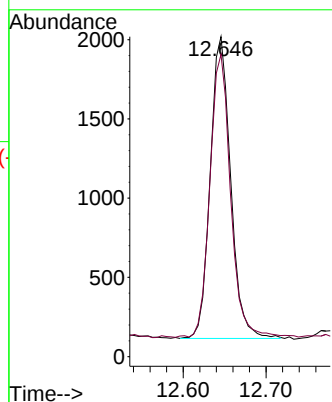
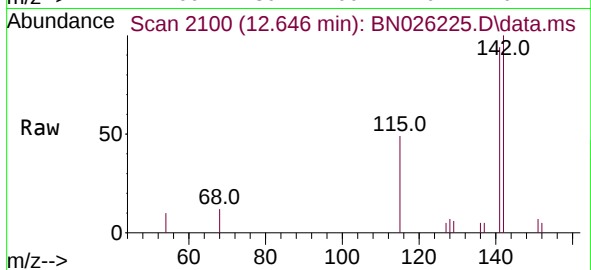
DCGJ5

Tgt Ion:142 Resp: 3258

Ion Ratio Lower Upper

142 100

141 94.7 74.2 111.4



#10

Acenaphthylene

Concen: 0.247 ng/ul

RT: 14.317 min Scan# 2435

Delta R.T. -0.009 min

Lab File: BN026225.D

Acq: 03 Jul 2023 14:22

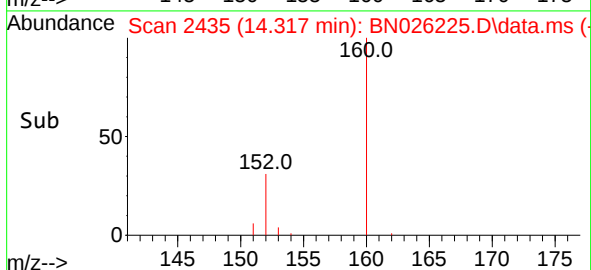
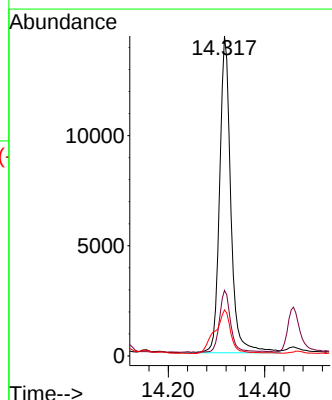
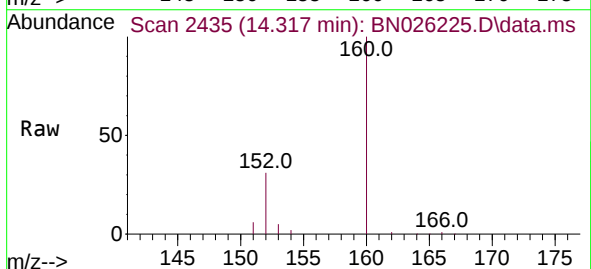
Tgt Ion:152 Resp: 23219

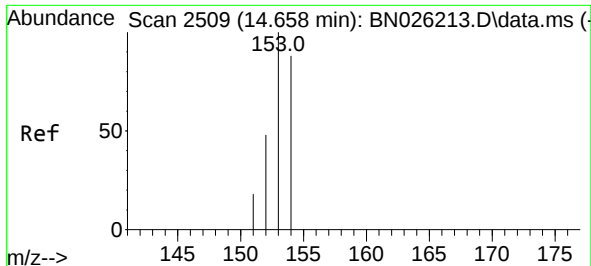
Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 14.4 10.9 16.3

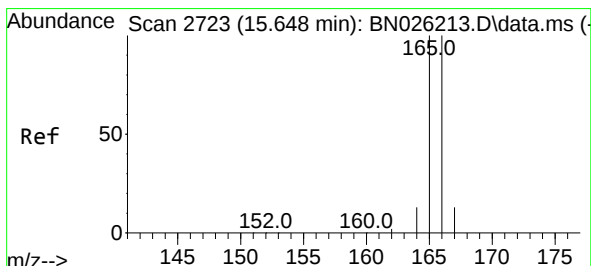
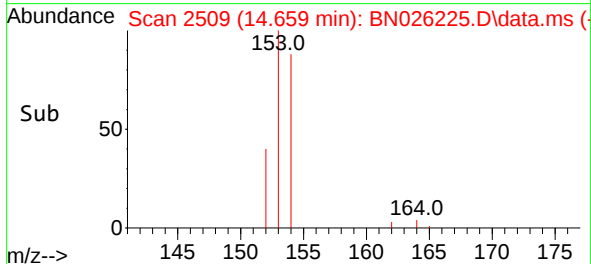
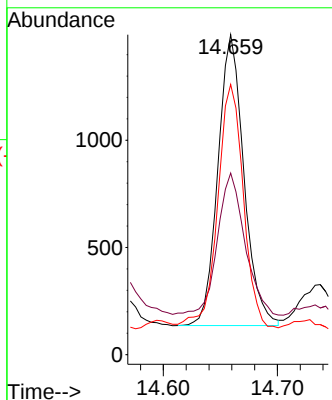
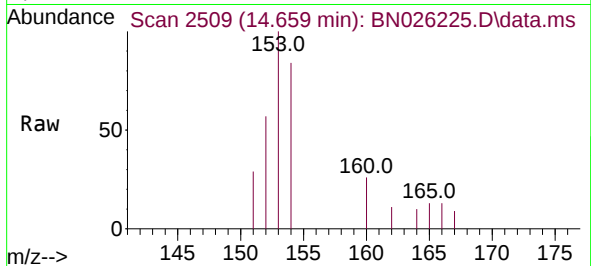




#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.659 min Scan# 2145
Delta R.T. -0.009 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

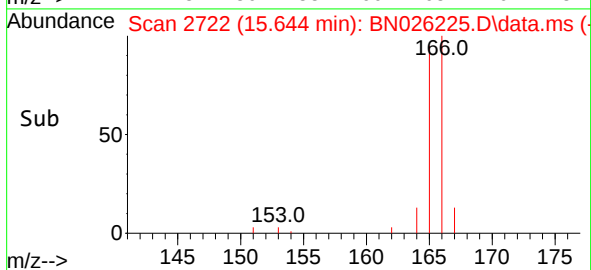
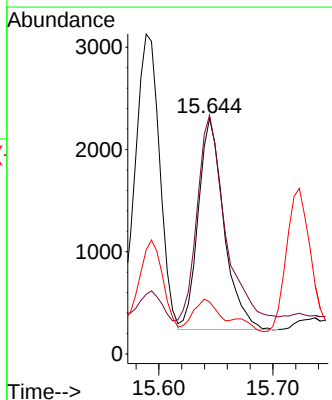
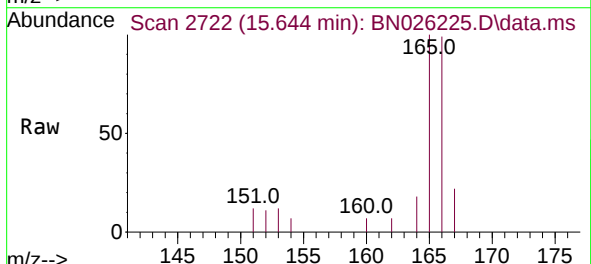
Instrument :
BNA_N
ClientSampleId :
DCGJ5

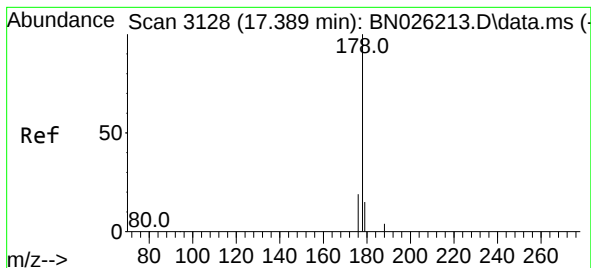
Tgt Ion:153 Resp: 2145
Ion Ratio Lower Upper
153 100
152 56.7 39.4 59.0
154 84.5 68.9 103.3



#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.644 min Scan# 2722
Delta R.T. -0.009 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

Tgt Ion:166 Resp: 3223
Ion Ratio Lower Upper
166 100
165 101.4 79.9 119.9
167 22.0 10.8 16.2#





#15

Phenanthrene

Concen: 0.655 ng/ul

RT: 17.386 min Scan# 3128

Delta R.T. -0.008 min

Lab File: BN026225.D

Acq: 03 Jul 2023 14:22

Instrument :

BNA_N

ClientSampleId :

DCGJ5

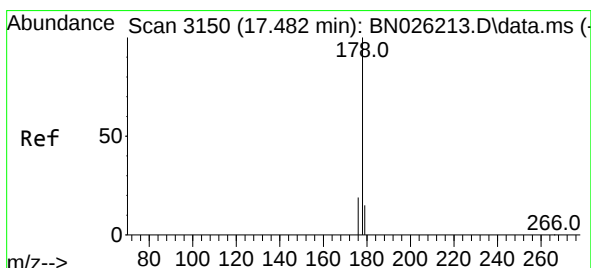
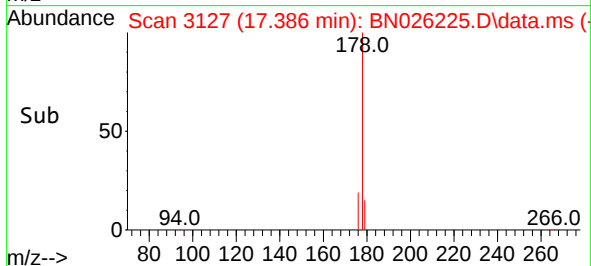
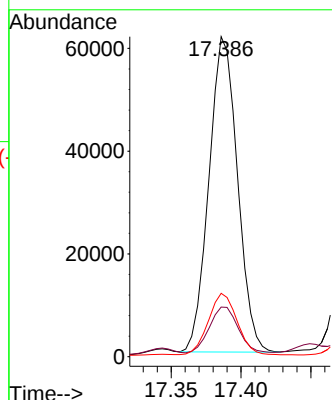
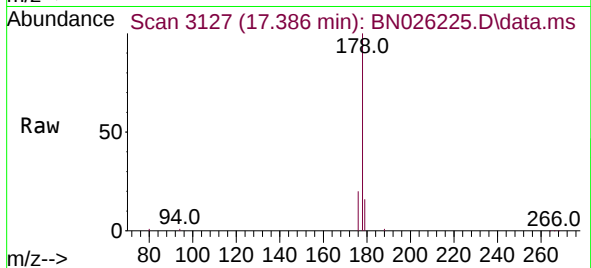
Tgt Ion:178 Resp: 87229

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

176 19.8 15.8 23.6



#16

Anthracene

Concen: 0.336 ng/ul

RT: 17.479 min Scan# 3149

Delta R.T. -0.008 min

Lab File: BN026225.D

Acq: 03 Jul 2023 14:22

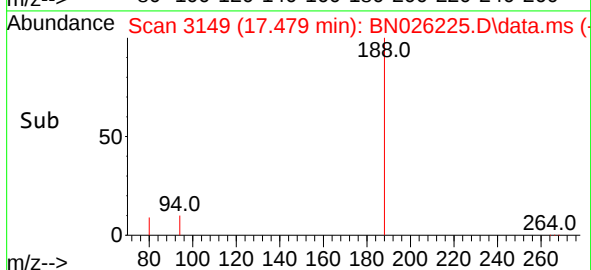
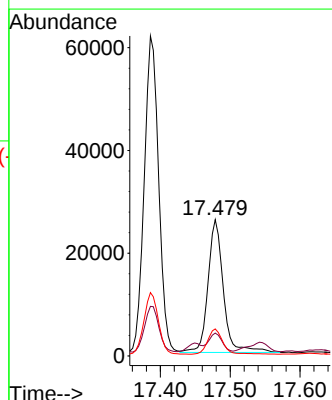
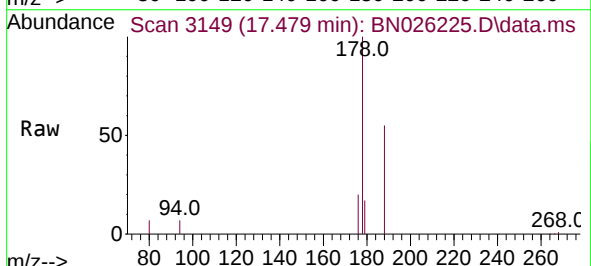
Tgt Ion:178 Resp: 39735

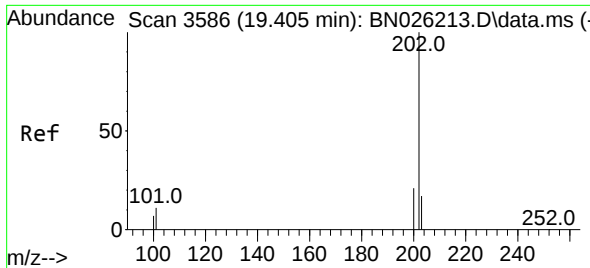
Ion Ratio Lower Upper

178 100

179 16.8 12.6 18.8

176 19.9 15.1 22.7

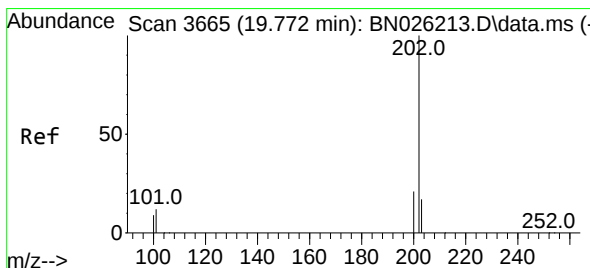
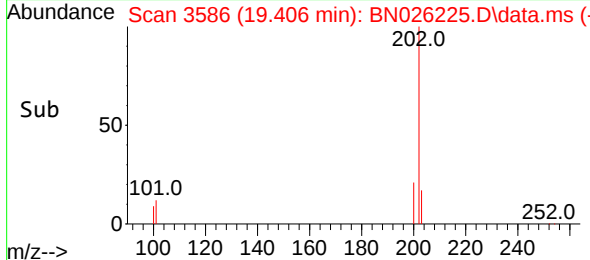
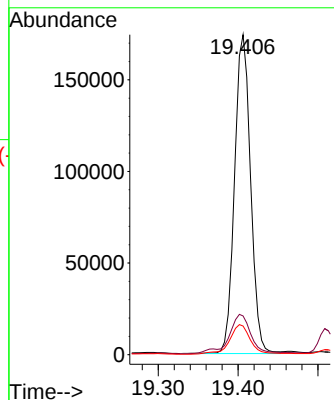
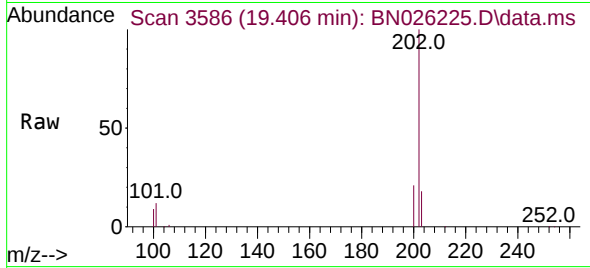




#19
Fluoranthene
Concen: 1.961 ng/ul
RT: 19.406 min Scan# 3586
Delta R.T. -0.004 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

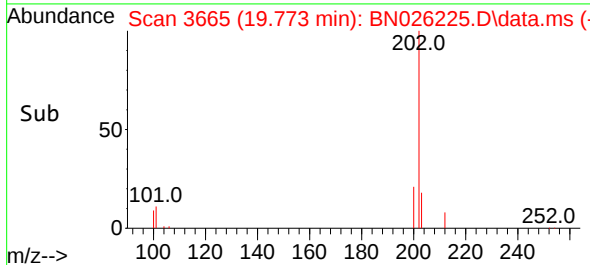
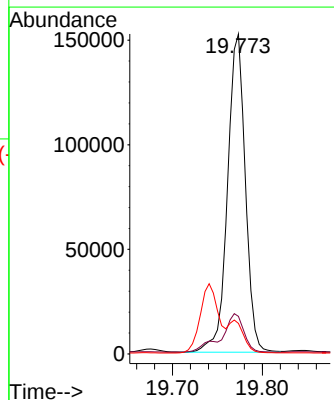
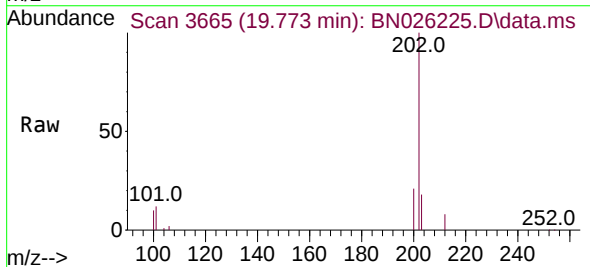
Instrument :
BNA_N
ClientSampleId :
DCGJ5

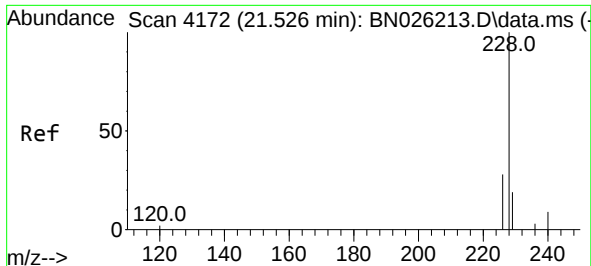
Tgt Ion:202 Resp: 242063
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.0 7.3 10.9



#20
Pyrene
Concen: 1.629 ng/ul
RT: 19.773 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

Tgt Ion:202 Resp: 209147
Ion Ratio Lower Upper
202 100
101 11.8 11.4 17.0
100 9.6 9.1 13.7

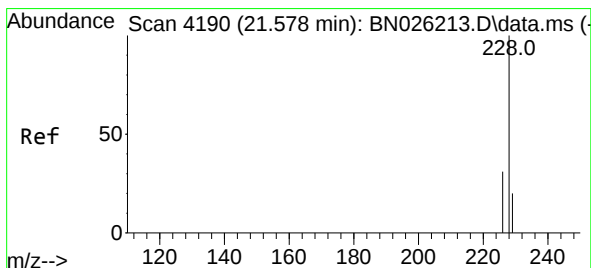
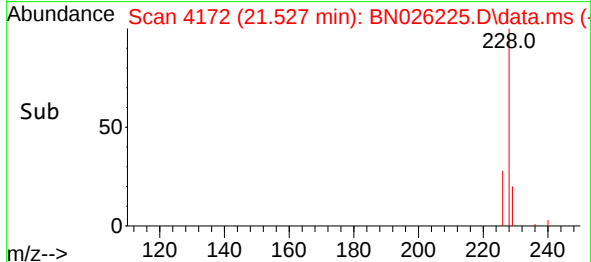
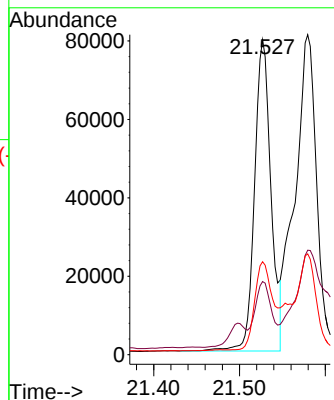
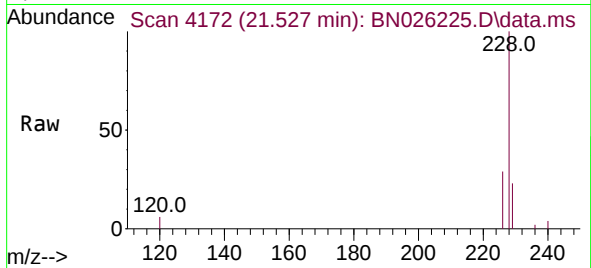




#21
Benzo(a)anthracene
Concen: 1.109 ng/ul
RT: 21.527 min Scan# 4172
Delta R.T. 0.000 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

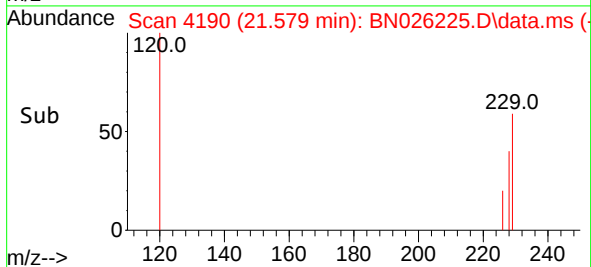
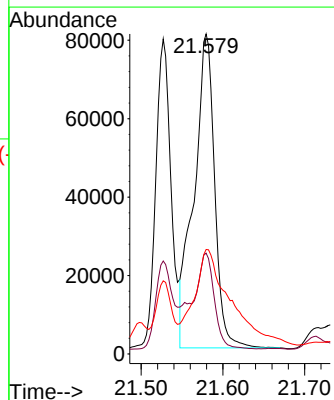
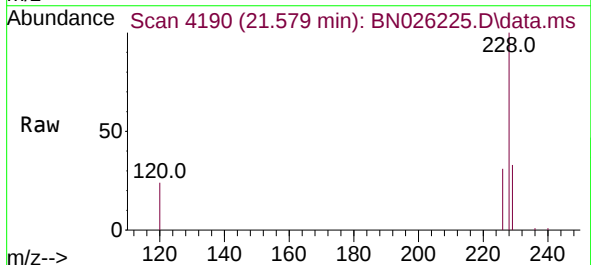
Instrument :
BNA_N
ClientSampleId :
DCGJ5

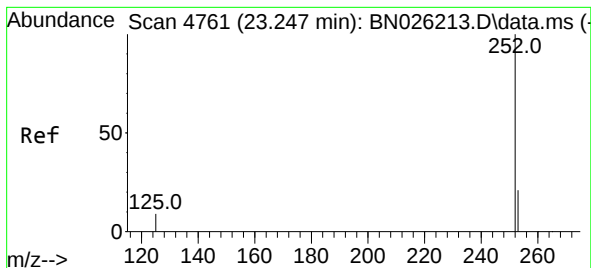
Tgt Ion:228 Resp: 105664
Ion Ratio Lower Upper
228 100
229 23.2 15.8 23.6
226 29.5 22.5 33.7



#22
Chrysene
Concen: 1.420 ng/ul
RT: 21.579 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

Tgt Ion:228 Resp: 140811
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 32.7 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 3.323 ng/ul

RT: 23.260 min Scan# 41

Delta R.T. 0.018 min

Lab File: BN026225.D

Acq: 03 Jul 2023 14:22

Instrument :

BNA_N

ClientSampleId :

DCGJ5

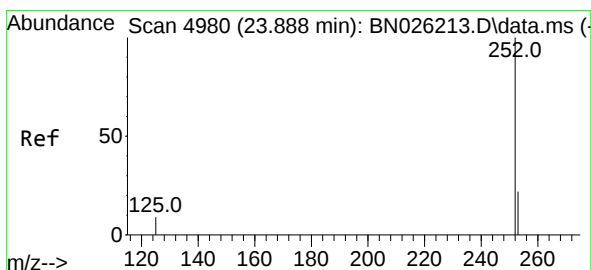
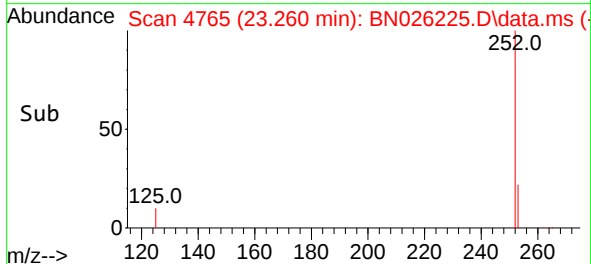
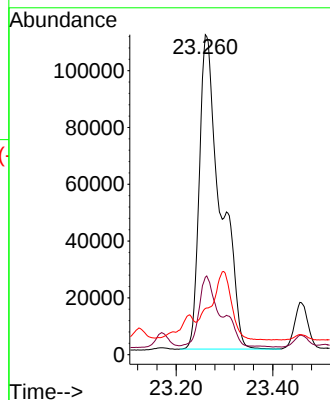
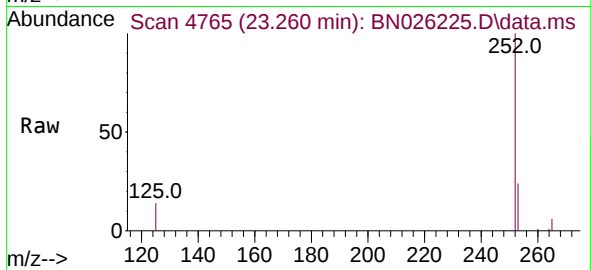
Tgt Ion:252 Resp: 337746

Ion Ratio Lower Upper

252 100

253 24.2 0.0 55.6

125 14.4 0.0 35.8



#26

Benzo(a)pyrene

Concen: 1.503 ng/ul

RT: 23.912 min Scan# 4988

Delta R.T. 0.027 min

Lab File: BN026225.D

Acq: 03 Jul 2023 14:22

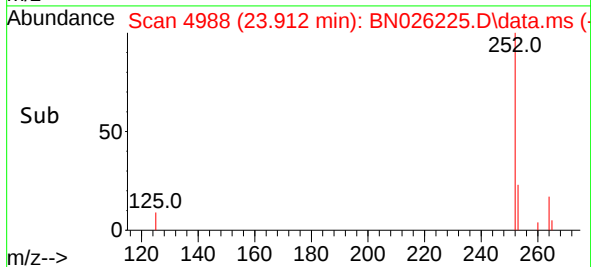
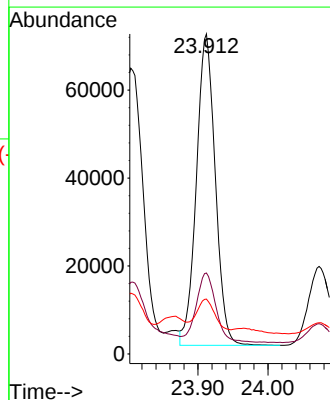
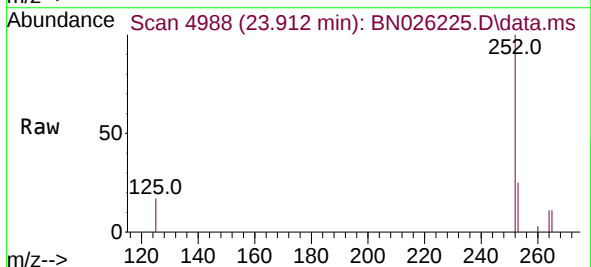
Tgt Ion:252 Resp: 132689

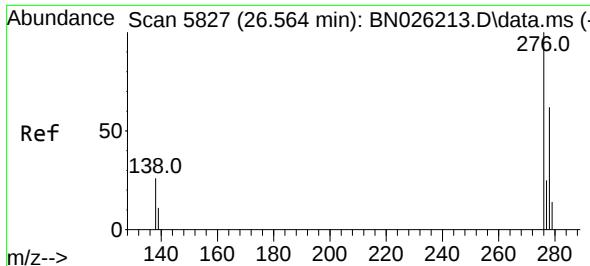
Ion Ratio Lower Upper

252 100

253 25.3 26.0 39.0#

125 17.2 17.3 25.9#

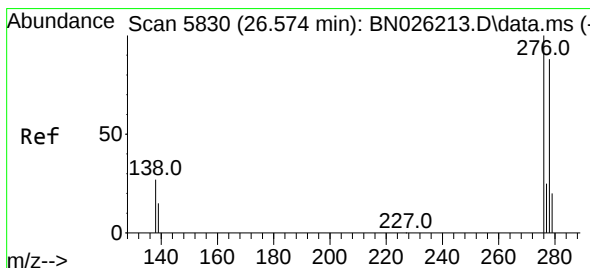
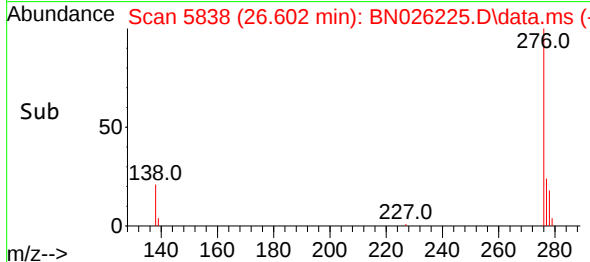
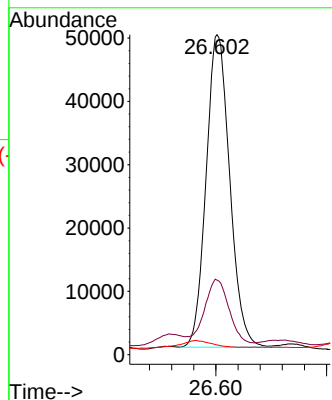
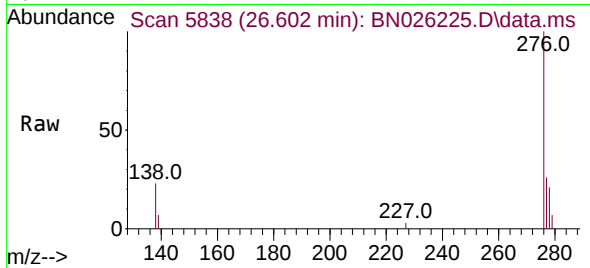




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.517 ng/ul
 RT: 26.602 min Scan# 5838
 Delta R.T. 0.044 min
 Lab File: BN026225.D
 Acq: 03 Jul 2023 14:22

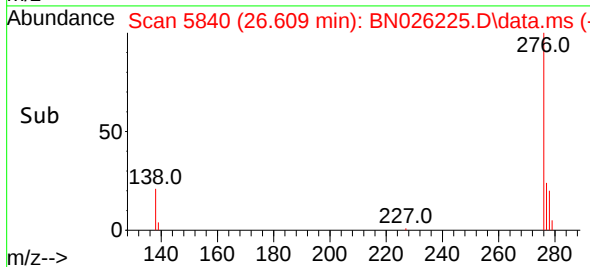
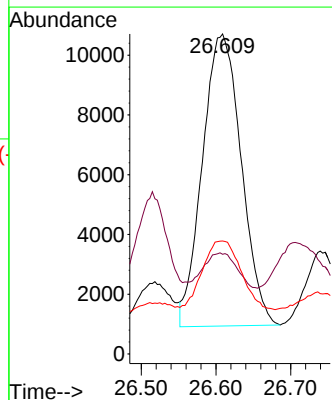
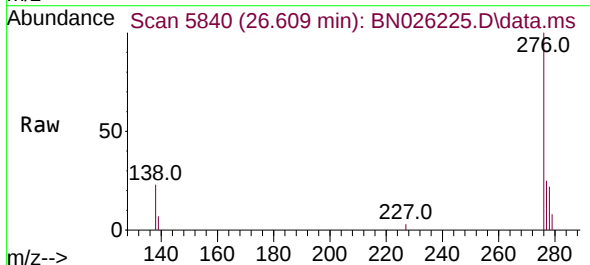
Instrument :
 BNA_N
 ClientSampleId :
 DCGJ5

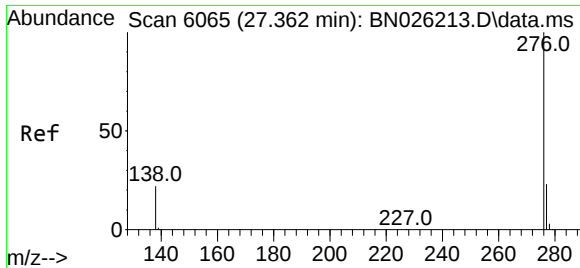
Tgt Ion:276 Resp: 146277
 Ion Ratio Lower Upper
 276 100
 138 22.1 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.484 ng/ul
 RT: 26.609 min Scan# 5840
 Delta R.T. 0.030 min
 Lab File: BN026225.D
 Acq: 03 Jul 2023 14:22

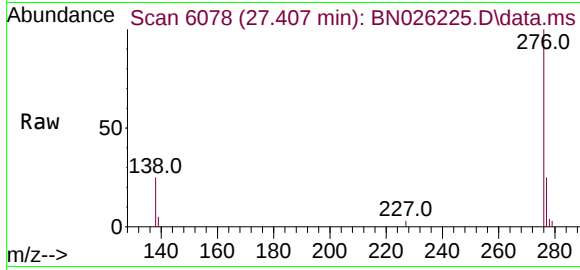
Tgt Ion:278 Resp: 35298
 Ion Ratio Lower Upper
 278 100
 139 31.2 19.0 28.4#
 279 35.3 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 1.582 ng/ul
 RT: 27.407 min Scan# 60
 Delta R.T. 0.061 min
 Lab File: BN026225.D
 Acq: 03 Jul 2023 14:22

Instrument :
 BNA_N
 ClientSampleId :
 DCGJ5



Tgt Ion:276 Resp: 135696
 Ion Ratio Lower Upper
 276 100
 138 24.5 23.4 35.0
 277 25.2 20.0 30.0

