

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026228.D
 Acq On : 03 Jul 2023 16:13
 Operator : MA/JU
 Sample : 03246-11
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGJ8

Quant Time: Jul 03 23:22:43 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)

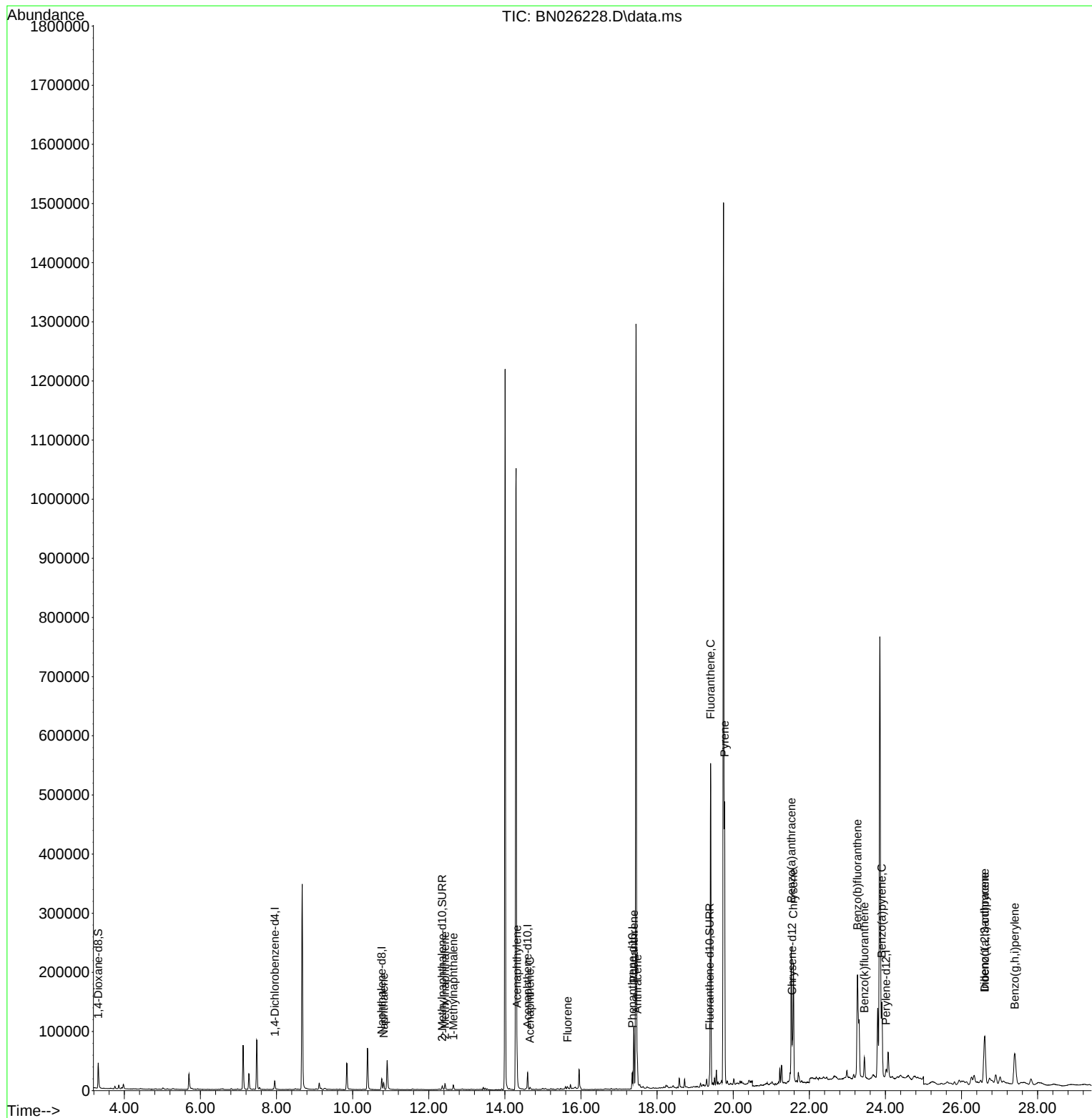
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8350	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	26158	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.599	164	16019	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	33180	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	17167	0.400	ng/ul	# 0.00
23) Perylene-d12	24.017	264	17674	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	29667	3.155	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.354	152	9118	0.227	ng/ul	-0.01
18) Fluoranthene-d10	19.378	212	18583	0.284	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	15718	0.210	ng/ul	98
7) 2-Methylnaphthalene	12.425	142	7759	0.163	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	5892	0.119	ng/ul	100
10) Acenaphthylene	14.321	152	49843	0.664	ng/ul	99
11) Acenaphthene	14.659	153	2472	0.040	ng/ul#	93
12) Fluorene	15.649	166	3214	0.046	ng/ul#	93
15) Phenanthrene	17.390	178	116194	1.060	ng/ul	100
16) Anthracene	17.483	178	46945	0.482	ng/ul	98
19) Fluoranthene	19.406	202	482173	5.259	ng/ul	97
20) Pyrene	19.773	202	393371	4.125	ng/ul	95
21) Benzo(a)anthracene	21.527	228	201546	2.846	ng/ul	97
22) Chrysene	21.582	228	226093	3.068	ng/ul	96
24) Benzo(b)fluoranthene	23.266	252	436203	5.782	ng/ul	92
25) Benzo(k)fluoranthene	23.447	252	31360	0.414	ng/ul#	84
26) Benzo(a)pyrene	23.906	252	196287	2.996	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.609	276	159238	2.225	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.612	278	38185	0.705	ng/ul#	89
29) Benzo(g,h,i)perylene	27.397	276	143036	2.247	ng/ul	94

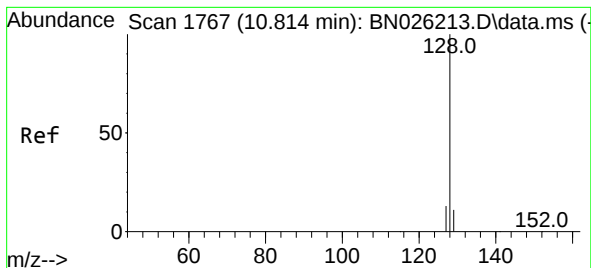
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.210 ng/ul

RT: 10.814 min Scan# 1767

Delta R.T. -0.011 min

Lab File: BN026228.D

Acq: 03 Jul 2023 16:13

Instrument :

BNA_N

ClientSampleId :

DCGJ8

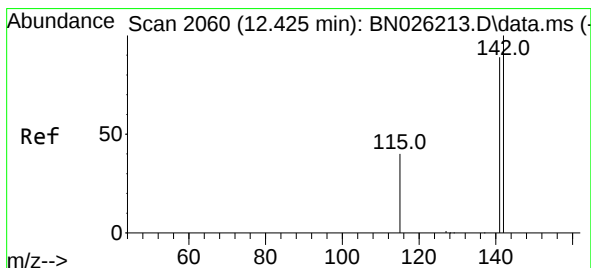
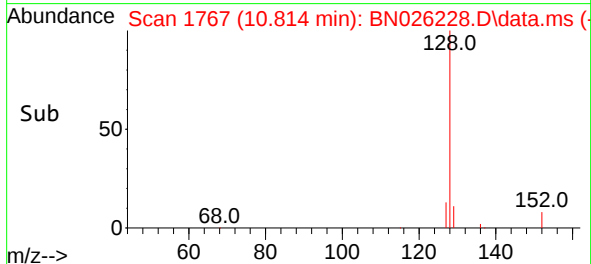
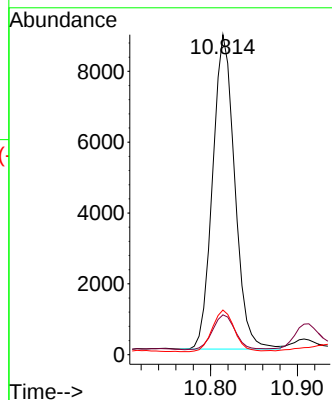
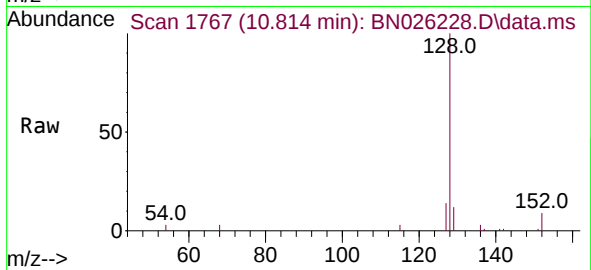
Tgt Ion:128 Resp: 15718

Ion Ratio Lower Upper

128 100

129 12.4 9.1 13.7

127 14.0 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.163 ng/ul

RT: 12.425 min Scan# 2060

Delta R.T. -0.011 min

Lab File: BN026228.D

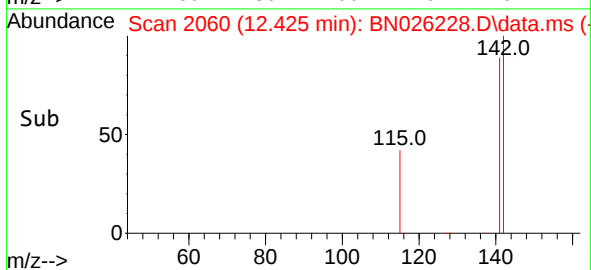
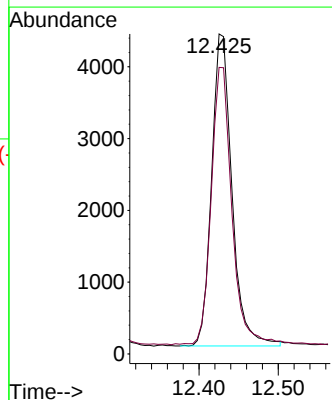
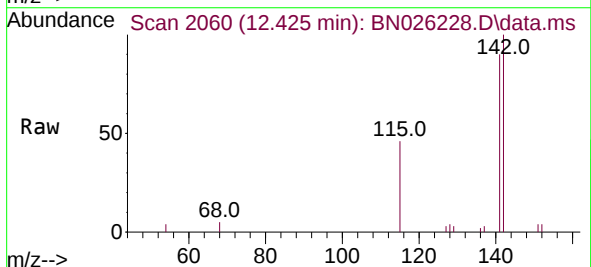
Acq: 03 Jul 2023 16:13

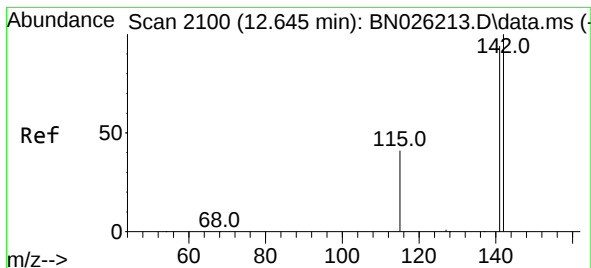
Tgt Ion:142 Resp: 7759

Ion Ratio Lower Upper

142 100

141 89.5 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.119 ng/ul

RT: 12.645 min Scan# 2100

Delta R.T. -0.005 min

Lab File: BN026228.D

Acq: 03 Jul 2023 16:13

Instrument :

BNA_N

ClientSampleId :

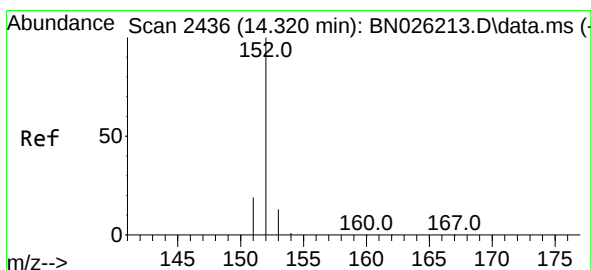
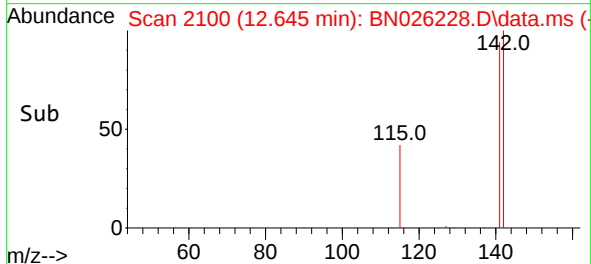
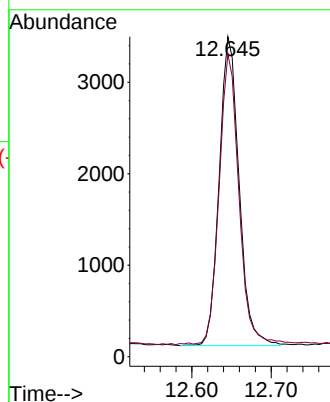
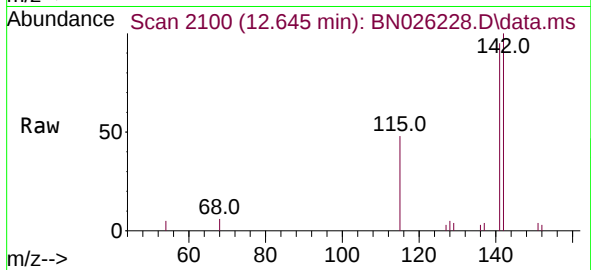
DCGJ8

Tgt Ion:142 Resp: 5892

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4



#10

Acenaphthylene

Concen: 0.664 ng/ul

RT: 14.321 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BN026228.D

Acq: 03 Jul 2023 16:13

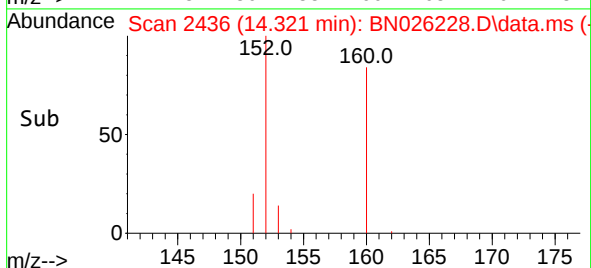
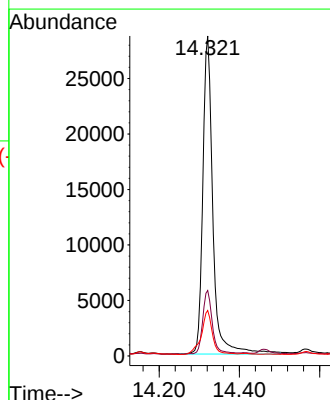
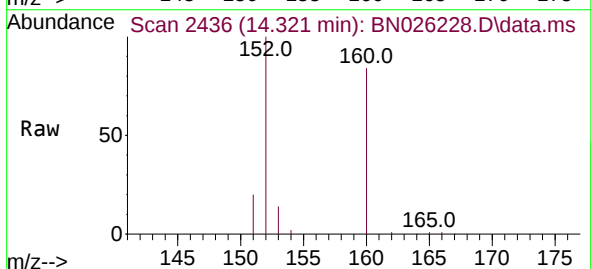
Tgt Ion:152 Resp: 49843

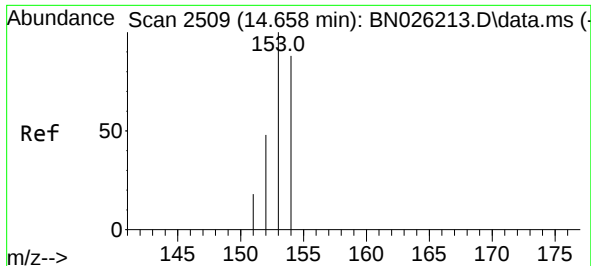
Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 14.2 10.9 16.3

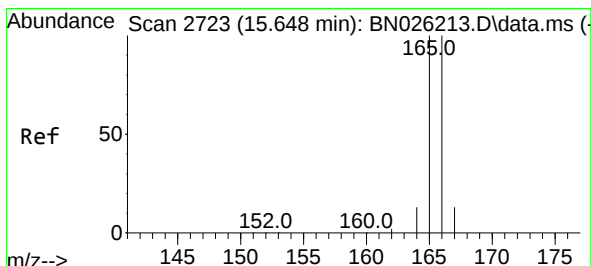
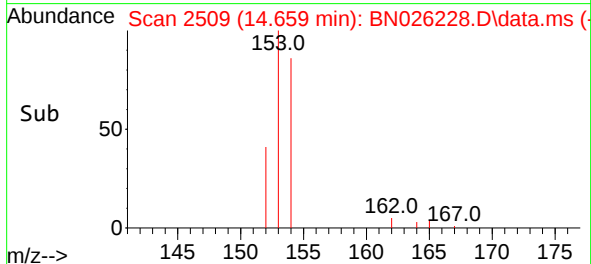
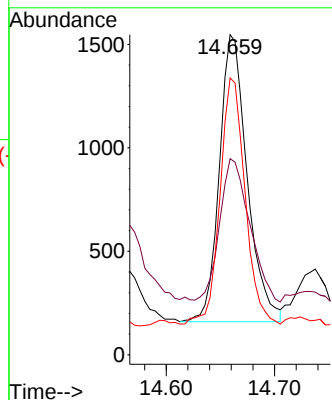
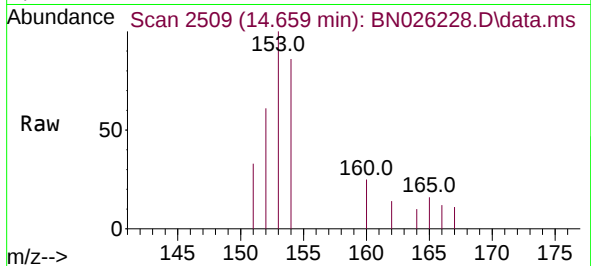




#11
Acenaphthene
Concen: 0.040 ng/u1
RT: 14.659 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026228.D
Acq: 03 Jul 2023 16:13

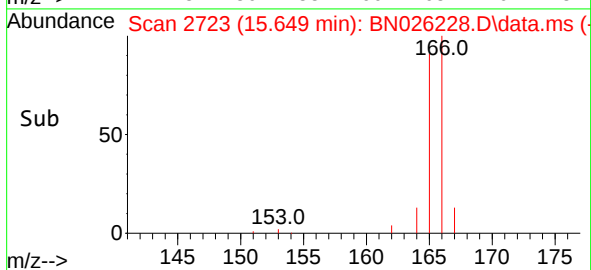
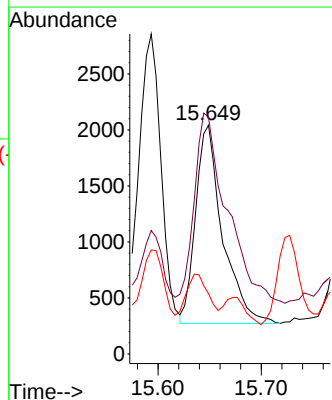
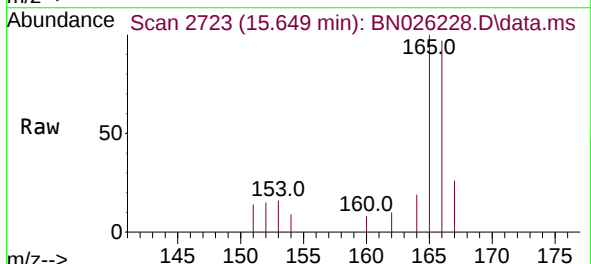
Instrument :
BNA_N
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DCGJ8

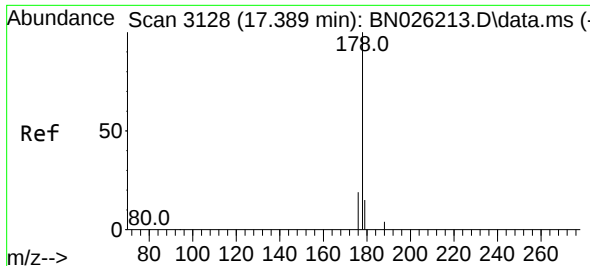
Tgt Ion:153 Resp: 2472
Ion Ratio Lower Upper
153 100
152 61.3 39.4 59.0#
154 86.5 68.9 103.3



#12
Fluorene
Concen: 0.046 ng/u1
RT: 15.649 min Scan# 2723
Delta R.T. -0.005 min
Lab File: BN026228.D
Acq: 03 Jul 2023 16:13

Tgt Ion:166 Resp: 3214
Ion Ratio Lower Upper
166 100
165 103.5 79.9 119.9
167 26.4 10.8 16.2#

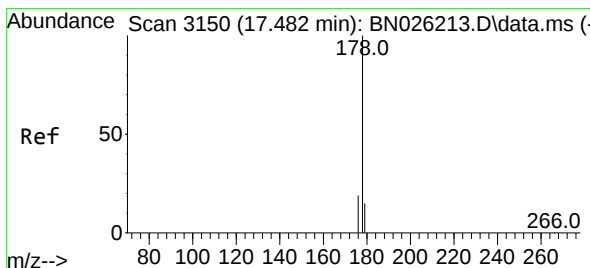
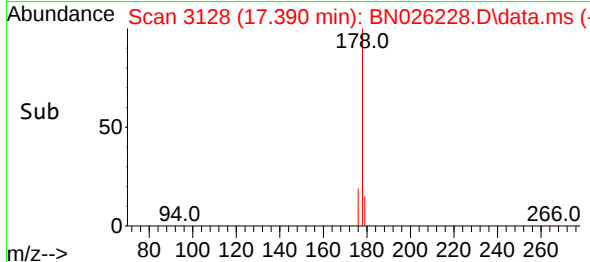
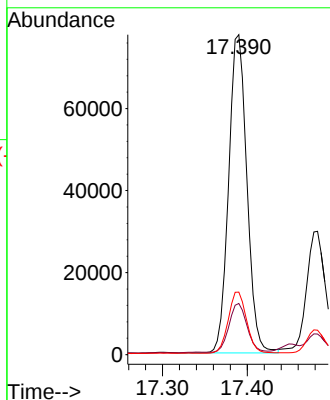
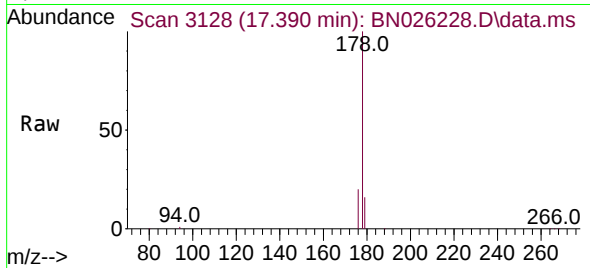




#15
Phenanthrene
Concen: 1.060 ng/ul
RT: 17.390 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BN026228.D
Acq: 03 Jul 2023 16:13

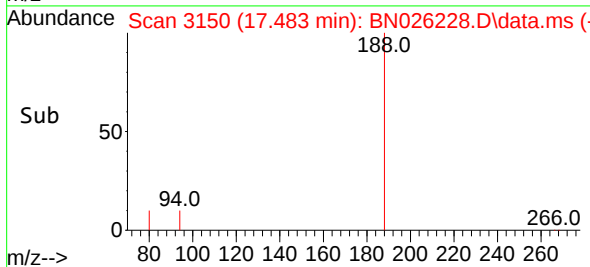
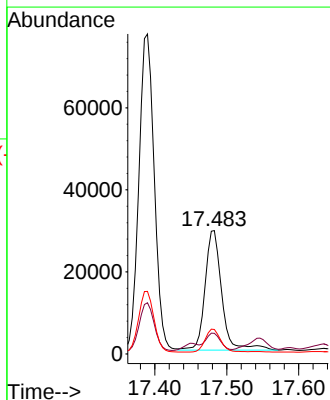
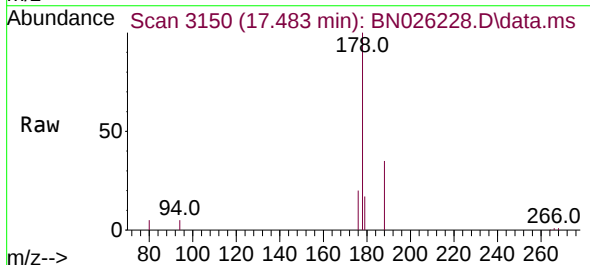
Instrument :
BNA_N
ClientSampleId :
DCGJ8

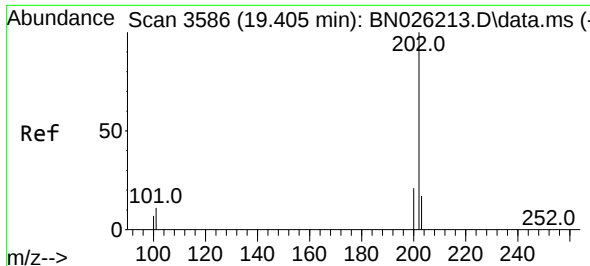
Tgt Ion:178 Resp: 116194
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.5 15.8 23.6



#16
Anthracene
Concen: 0.482 ng/ul
RT: 17.483 min Scan# 3150
Delta R.T. -0.004 min
Lab File: BN026228.D
Acq: 03 Jul 2023 16:13

Tgt Ion:178 Resp: 46945
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 19.8 15.1 22.7

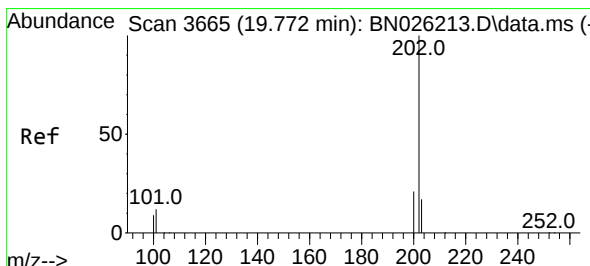
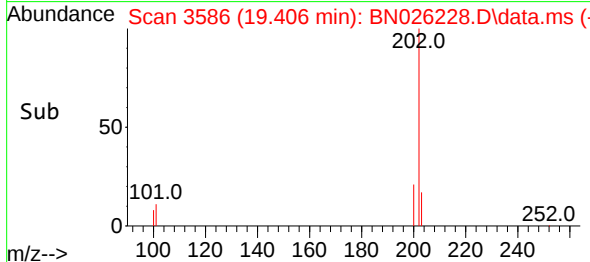
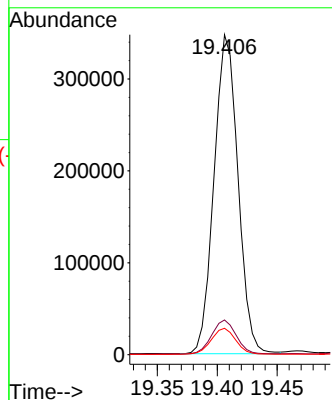
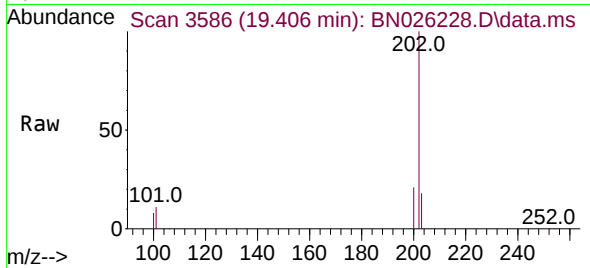




#19
Fluoranthene
Concen: 5.259 ng/u1
RT: 19.406 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026228.D
Acq: 03 Jul 2023 16:13

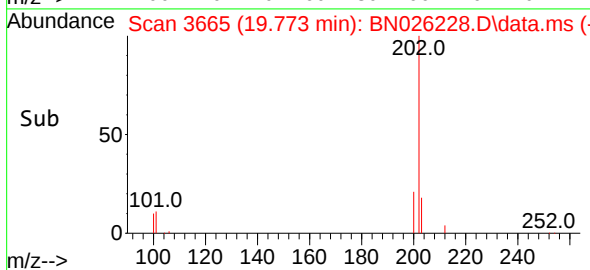
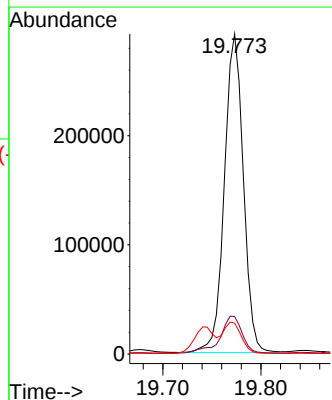
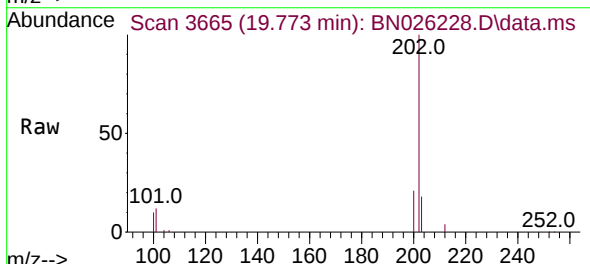
Instrument :
BNA_N
ClientSampleId :
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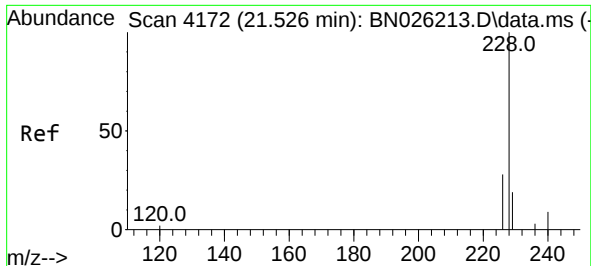
Tgt Ion:202 Resp: 482173
Ion Ratio Lower Upper
202 100
101 10.9 9.5 14.3
100 8.2 7.3 10.9



#20
Pyrene
Concen: 4.125 ng/u1
RT: 19.773 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BN026228.D
Acq: 03 Jul 2023 16:13

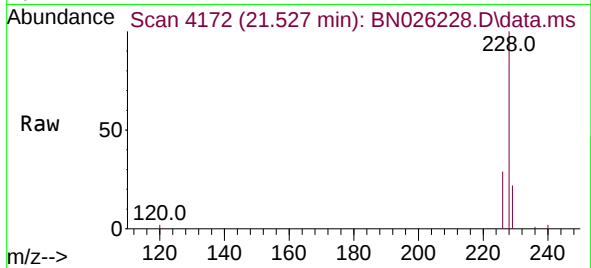
Tgt Ion:202 Resp: 393371
Ion Ratio Lower Upper
202 100
101 11.7 11.4 17.0
100 9.7 9.1 13.7



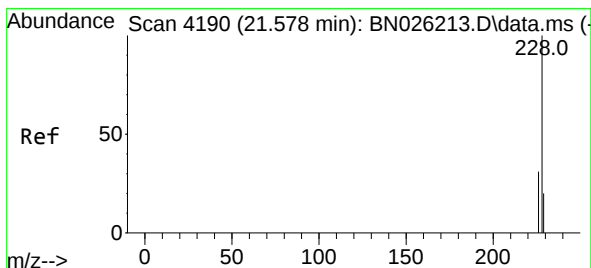
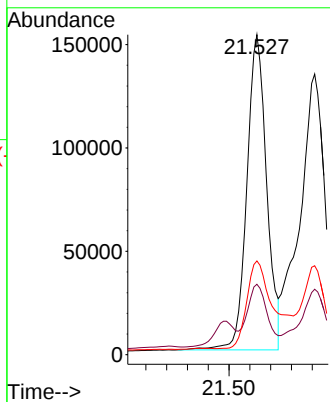
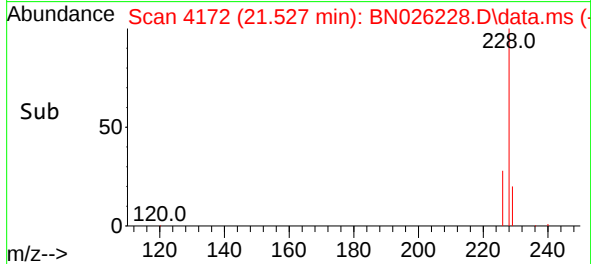


#21
Benzo(a)anthracene
Concen: 2.846 ng/ul
RT: 21.527 min Scan# 4172
Delta R.T. 0.000 min
Lab File: BN026228.D
Acq: 03 Jul 2023 16:13

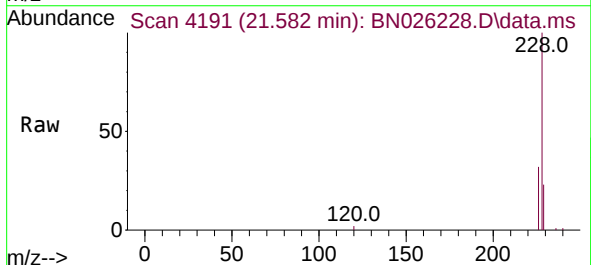
Instrument :
BNA_N
ClientSampleId :
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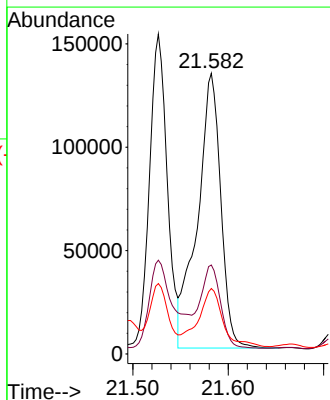
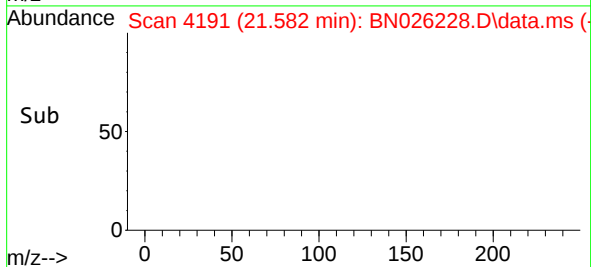
Tgt Ion:228 Resp: 201546
Ion Ratio Lower Upper
228 100
229 22.0 15.8 23.6
226 29.3 22.5 33.7

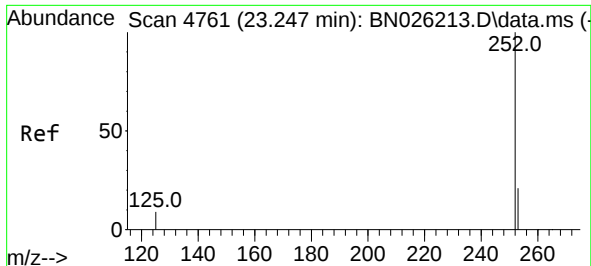


#22
Chrysene
Concen: 3.068 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. 0.003 min
Lab File: BN026228.D
Acq: 03 Jul 2023 16:13



Tgt Ion:228 Resp: 226093
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 23.3 15.7 23.5

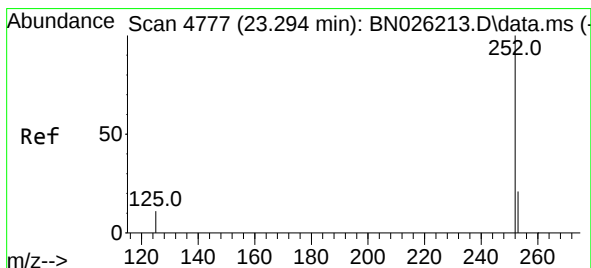
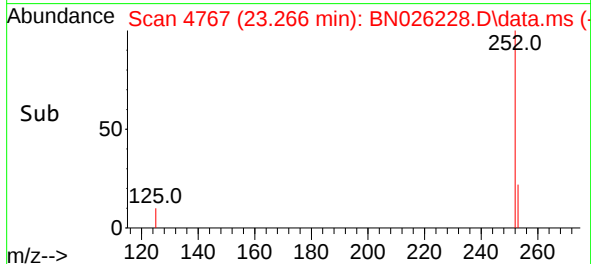
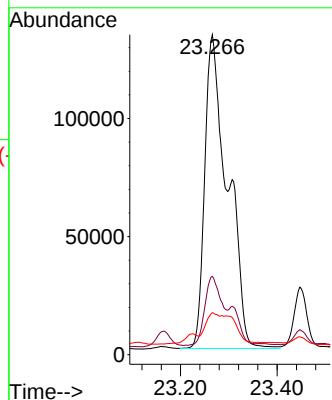
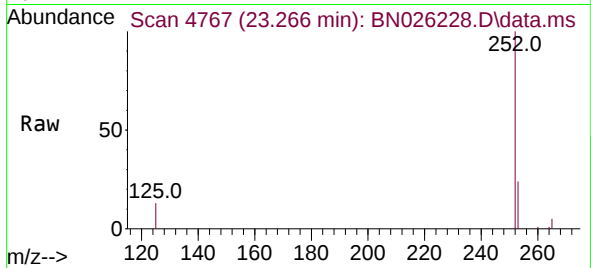




#24
Benzo(b)fluoranthene
Concen: 5.782 ng/ul
RT: 23.266 min Scan# 41
Delta R.T. 0.023 min
Lab File: BN026228.D
Acq: 03 Jul 2023 16:13

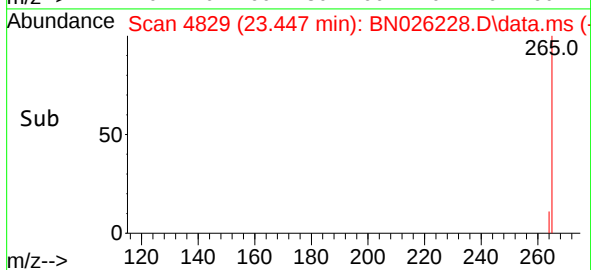
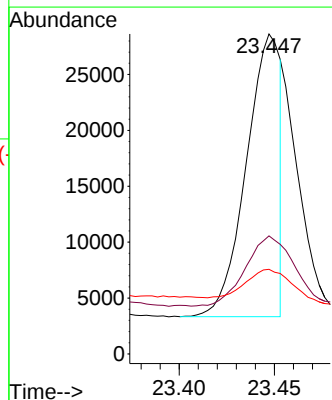
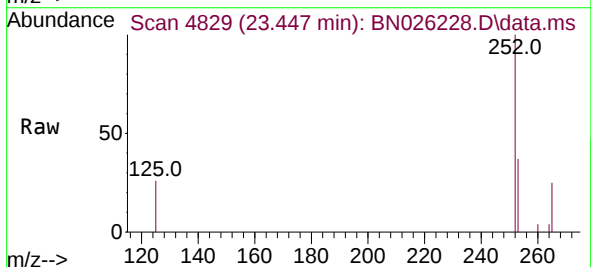
Instrument :
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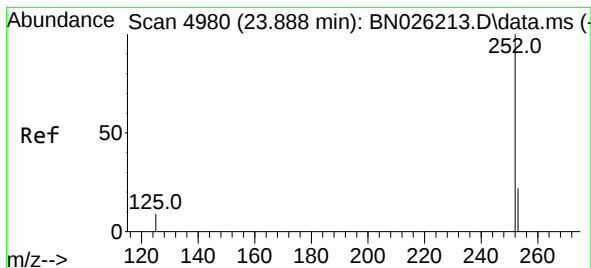
Tgt Ion:252 Resp: 436203
Ion Ratio Lower Upper
252 100
253 24.4 0.0 55.6
125 13.2 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 23.447 min Scan# 4829
Delta R.T. 0.155 min
Lab File: BN026228.D
Acq: 03 Jul 2023 16:13

Tgt Ion:252 Resp: 31360
Ion Ratio Lower Upper
252 100
253 36.9 23.2 34.8#
125 26.4 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 2.996 ng/ul

RT: 23.906 min Scan# 4980

Delta R.T. 0.021 min

Lab File: BN026228.D

Acq: 03 Jul 2023 16:13

Instrument :

BNA_N

ClientSampleId :

DCGJ8

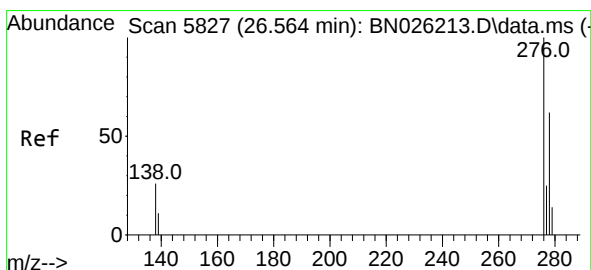
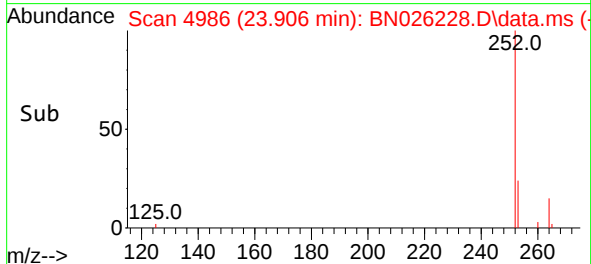
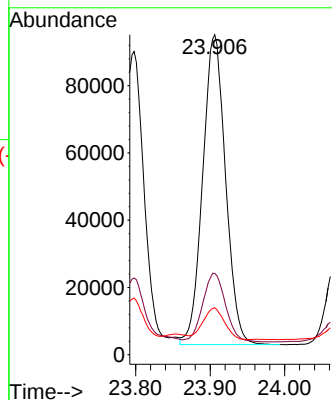
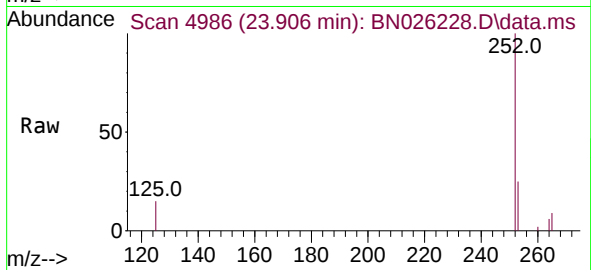
Tgt Ion:252 Resp: 196287

Ion Ratio Lower Upper

252 100

253 25.4 26.0 39.0#

125 14.7 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.225 ng/ul

RT: 26.609 min Scan# 5840

Delta R.T. 0.050 min

Lab File: BN026228.D

Acq: 03 Jul 2023 16:13

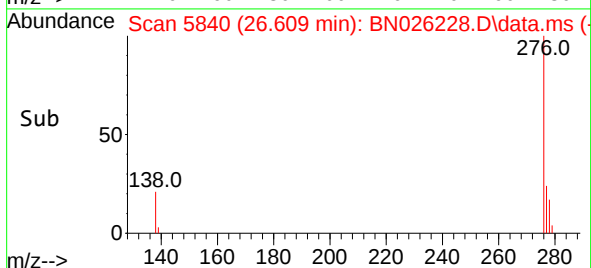
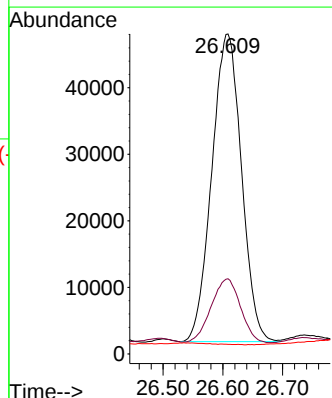
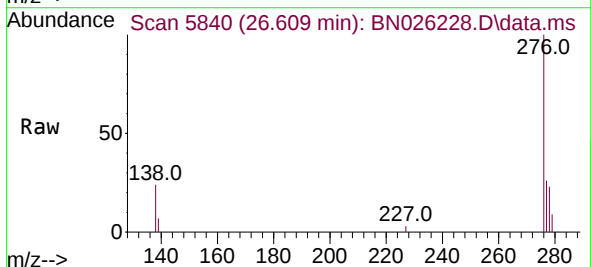
Tgt Ion:276 Resp: 159238

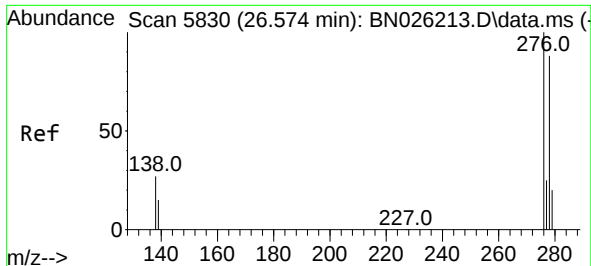
Ion Ratio Lower Upper

276 100

138 20.5 24.5 36.7#

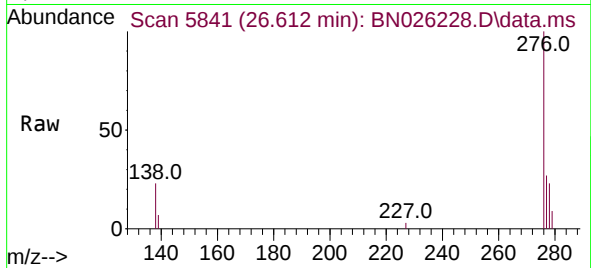
227 0.0 0.0 0.0



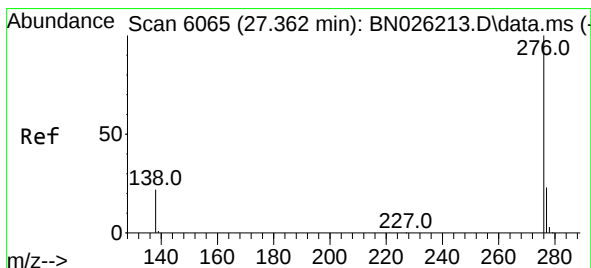
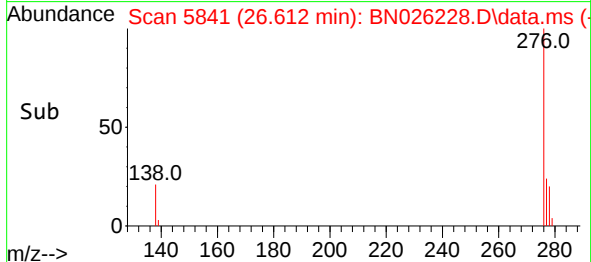
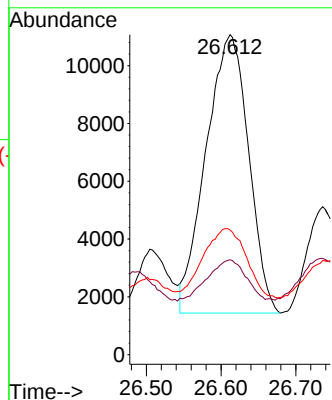


#28
Dibenzo(a,h)anthracene
Concen: 0.705 ng/ul
RT: 26.612 min Scan# 5841
Delta R.T. 0.034 min
Lab File: BN026228.D
Acq: 03 Jul 2023 16:13

Instrument :
BNA_N
ClientSampleId :
DCGJ8



Tgt Ion:278 Resp: 38185
Ion Ratio Lower Upper
278 100
139 29.6 19.0 28.4#
279 38.9 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 2.247 ng/ul
RT: 27.397 min Scan# 6075
Delta R.T. 0.050 min
Lab File: BN026228.D
Acq: 03 Jul 2023 16:13

Tgt Ion:276 Resp: 143036
Ion Ratio Lower Upper
276 100
138 24.1 23.4 35.0
277 25.8 20.0 30.0

