

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026275.D
 Acq On : 04 Jul 2023 22:55
 Operator : MA/JU
 Sample : 03244-11DL 5X
 Misc :
 ALS Vial : 133 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 05 00:09:43 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 : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

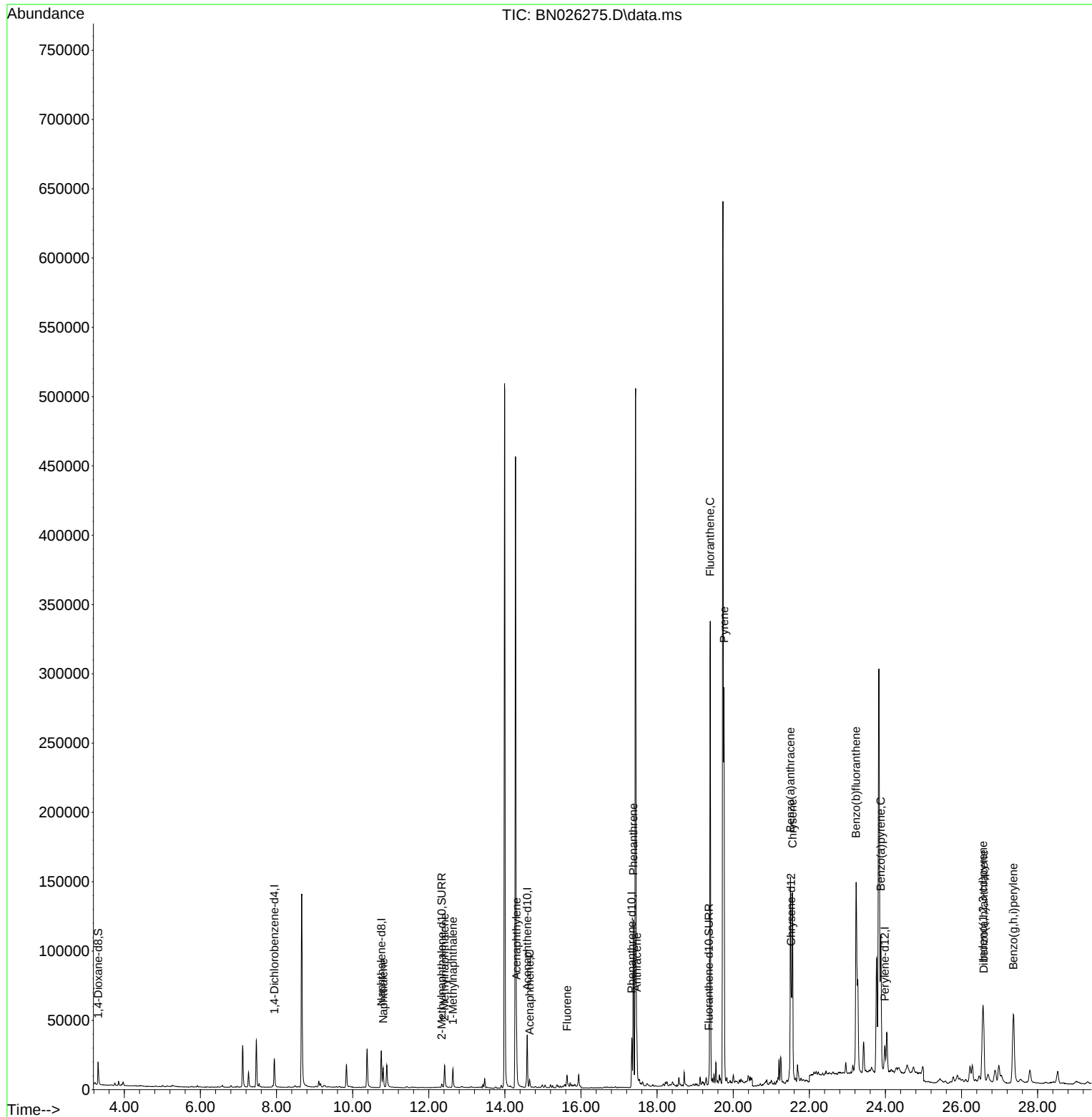
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	12350	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	38273	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	21958	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	42712	0.400	ng/ul	0.00
17) Chrysene-d12	21.523	240	24471	0.400	ng/ul	0.00
23) Perylene-d12	23.984	264	25263	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	11643	0.837	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	3821	0.065	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	7210	0.077	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	19637	0.179	ng/ul	99
7) 2-Methylnaphthalene	12.414	142	13161	0.188	ng/ul	99
8) 1-Methylnaphthalene	12.634	142	9961	0.138	ng/ul	100
10) Acenaphthylene	14.306	152	31012	0.302	ng/ul	98
11) Acenaphthene	14.649	153	3593	0.043	ng/ul	97
12) Fluorene	15.634	166	5478	0.057	ng/ul#	93
15) Phenanthrene	17.376	178	132817	0.941	ng/ul	99
16) Anthracene	17.469	178	30986	0.247	ng/ul	98
19) Fluoranthene	19.396	202	286416	2.191	ng/ul	97
20) Pyrene	19.758	202	235619	1.733	ng/ul	96
21) Benzo(a)anthracene	21.505	228	126784	1.256	ng/ul	96
22) Chrysene	21.558	228	150080	1.429	ng/ul	97
24) Benzo(b)fluoranthene	23.230	252	315827	2.929	ng/ul	91
26) Benzo(a)pyrene	23.879	252	139643	1.491	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.564	276	110461	1.080	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.581	278	27898	0.360	ng/ul	90
29) Benzo(g,h,i)perylene	27.362	276	117196	1.288	ng/ul	95

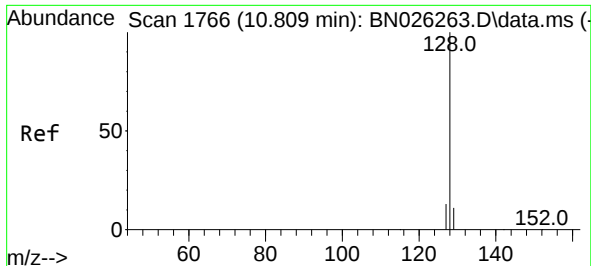
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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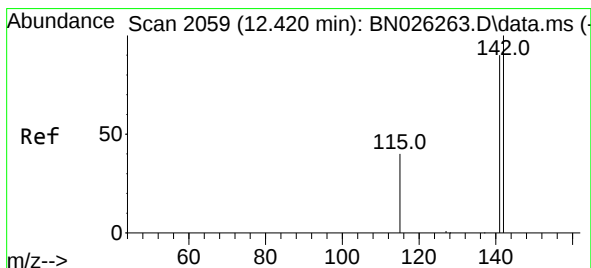
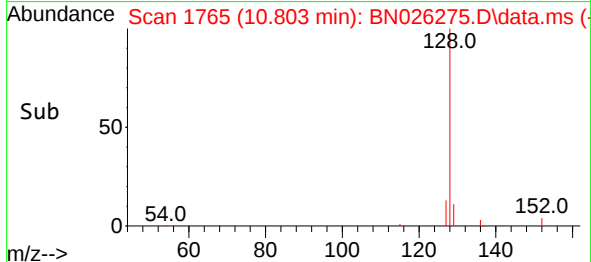
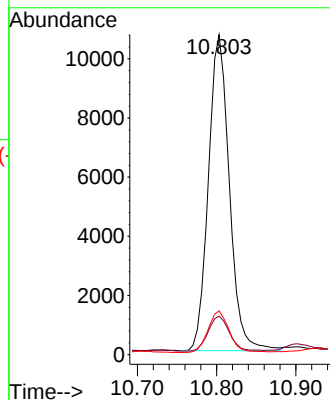
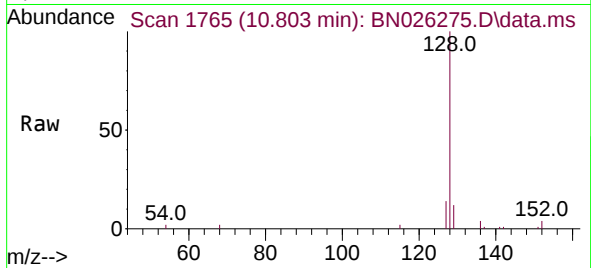




#5
Naphthalene
Concen: 0.179 ng/ul
RT: 10.803 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN026275.D
Acq: 04 Jul 2023 22:55

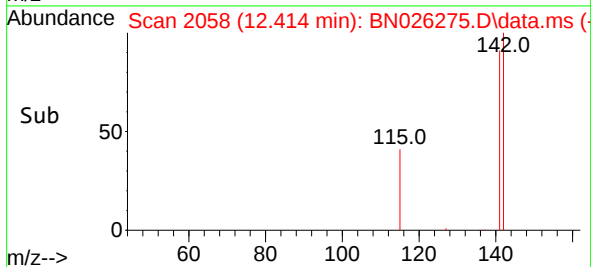
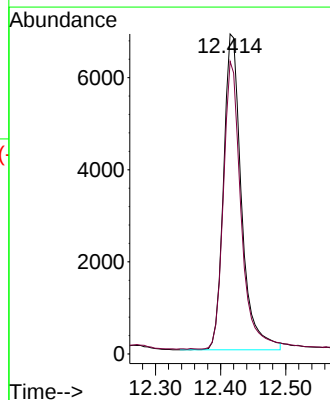
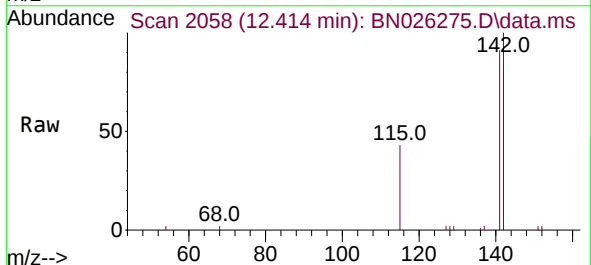
Instrument :
BNA_N
ClientSampleId :

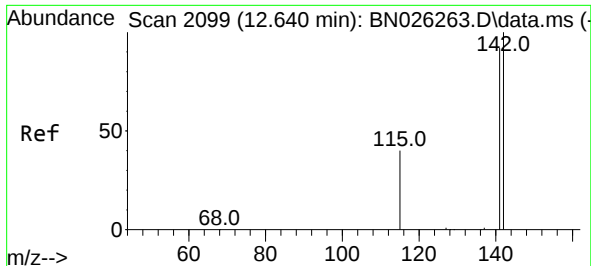
Tgt Ion:128 Resp: 19637
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.7 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.005 min
Lab File: BN026275.D
Acq: 04 Jul 2023 22:55

Tgt Ion:142 Resp: 13161
Ion Ratio Lower Upper
142 100
141 89.2 71.9 107.9

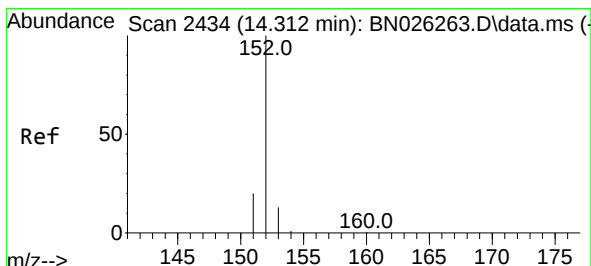
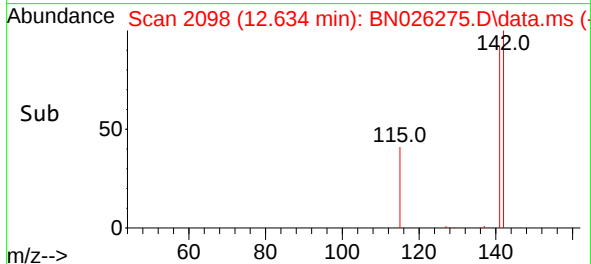
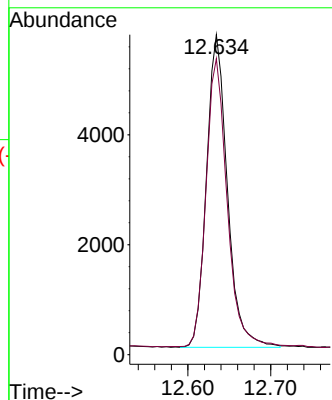
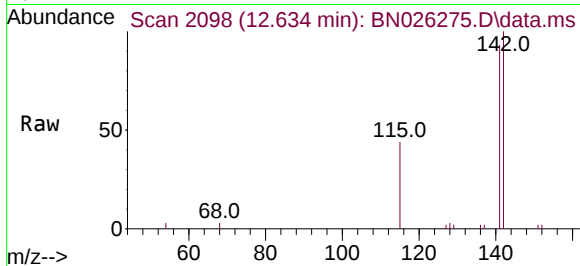




#8
1-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 12.634 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN026275.D
Acq: 04 Jul 2023 22:55

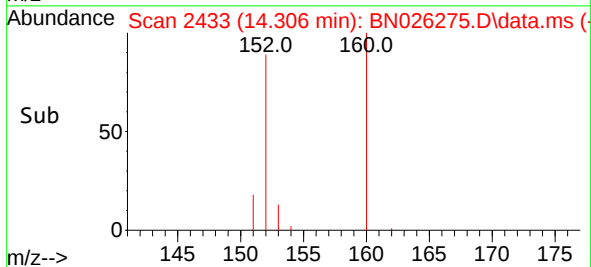
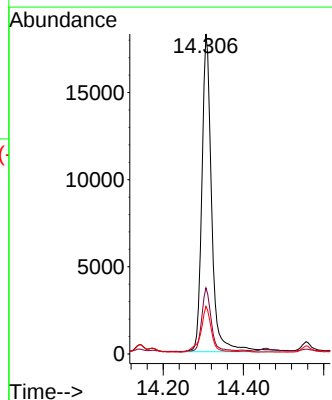
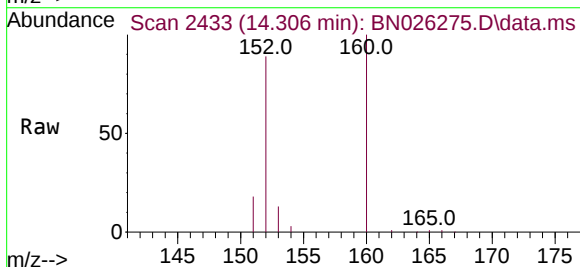
Instrument :
BNA_N
ClientSampleId :

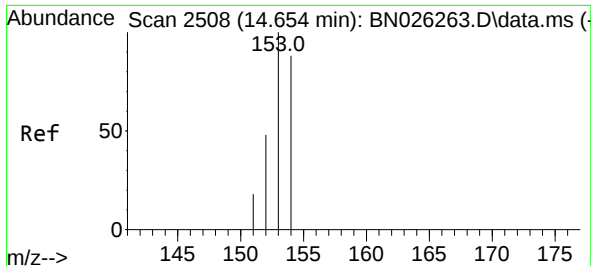
Tgt Ion:142 Resp: 9961
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4



#10
Acenaphthylene
Concen: 0.302 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026275.D
Acq: 04 Jul 2023 22:55

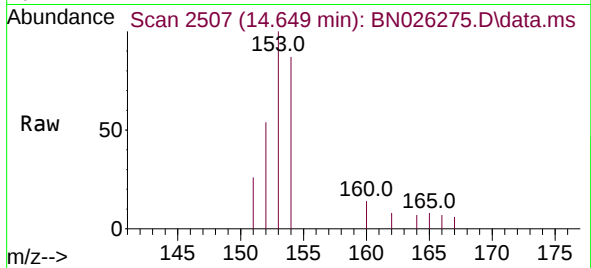
Tgt Ion:152 Resp: 31012
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.9 10.9 16.3



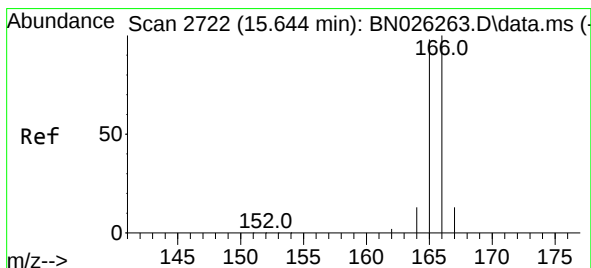
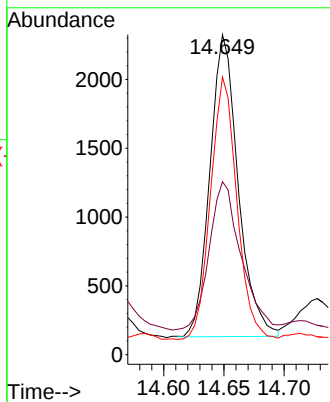
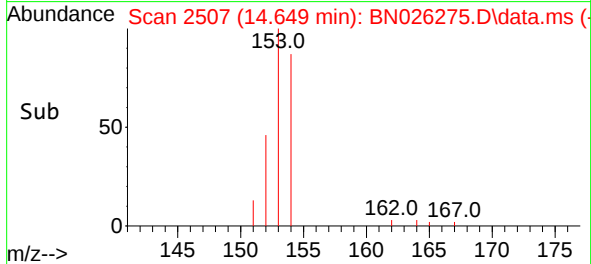


#11
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.649 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026275.D
Acq: 04 Jul 2023 22:55

Instrument :
BNA_N
ClientSampleId :

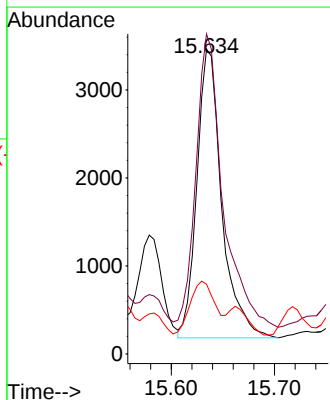
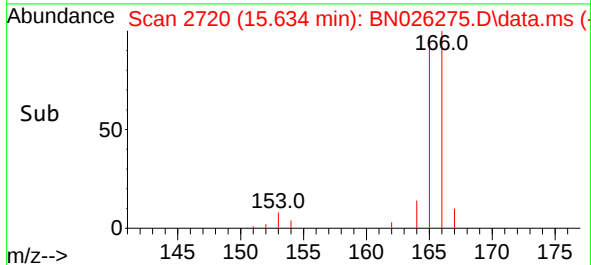
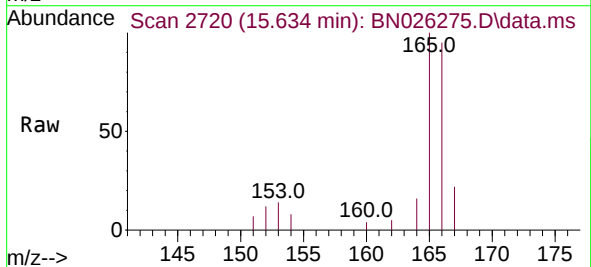


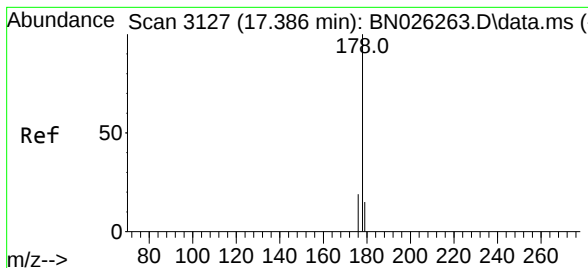
Tgt Ion:153 Resp: 3593
Ion Ratio Lower Upper
153 100
152 54.0 39.4 59.0
154 86.8 68.9 103.3



#12
Fluorene
Concen: 0.057 ng/ul
RT: 15.634 min Scan# 2720
Delta R.T. -0.010 min
Lab File: BN026275.D
Acq: 04 Jul 2023 22:55

Tgt Ion:166 Resp: 5478
Ion Ratio Lower Upper
166 100
165 104.9 79.9 119.9
167 22.9 10.8 16.2#





#15

Phenanthrene

Concen: 0.941 ng/ul

RT: 17.376 min Scan# 3127

Delta R.T. -0.009 min

Lab File: BN026275.D

Acq: 04 Jul 2023 22:55

Instrument :

BNA_N

ClientSampleId :

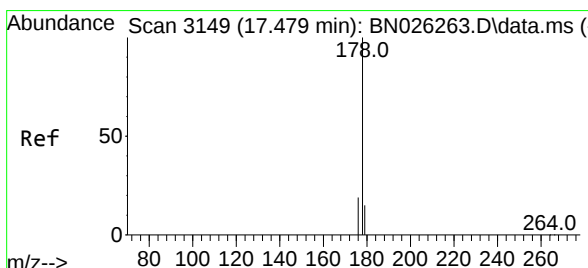
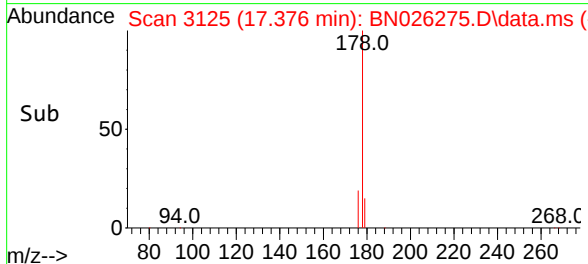
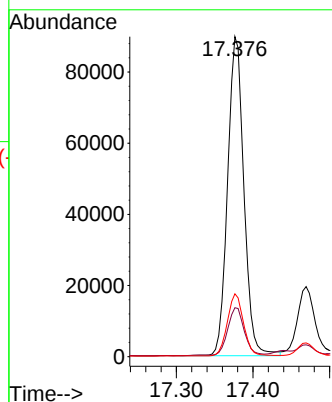
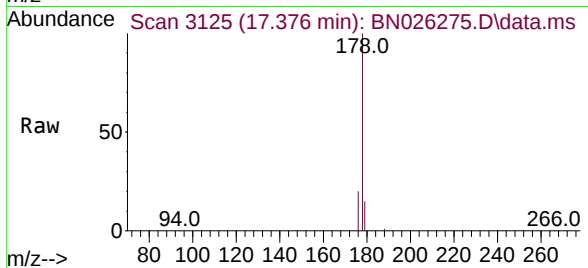
Tgt Ion:178 Resp: 132817

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

176 19.7 15.8 23.6



#16

Anthracene

Concen: 0.247 ng/ul

RT: 17.469 min Scan# 3147

Delta R.T. -0.009 min

Lab File: BN026275.D

Acq: 04 Jul 2023 22:55

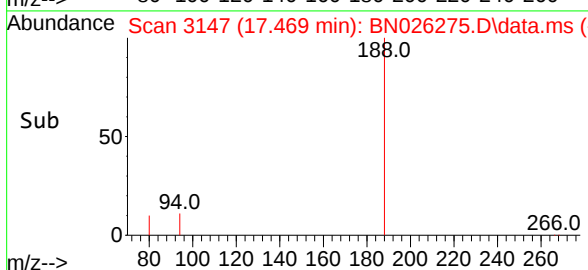
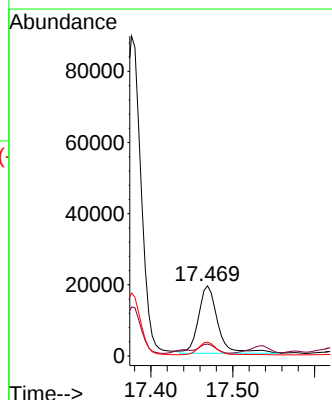
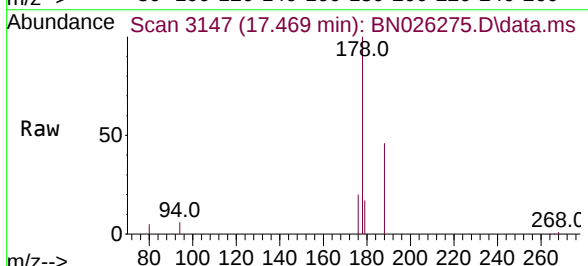
Tgt Ion:178 Resp: 30986

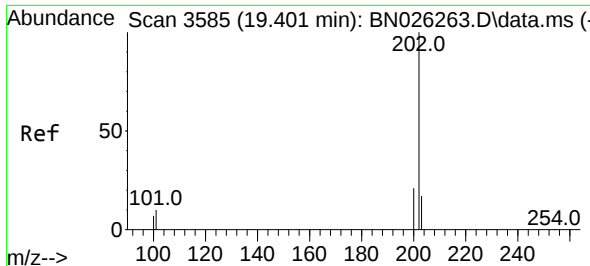
Ion Ratio Lower Upper

178 100

179 17.0 12.6 18.8

176 19.6 15.1 22.7

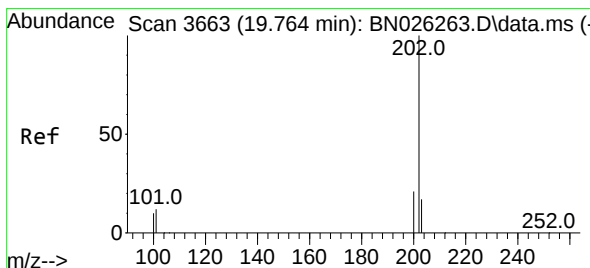
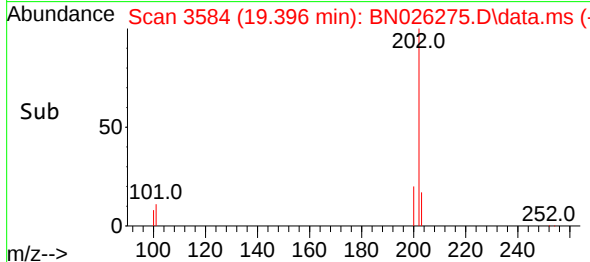
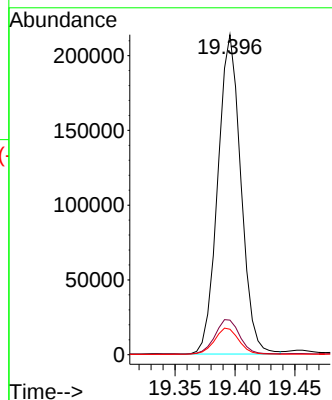
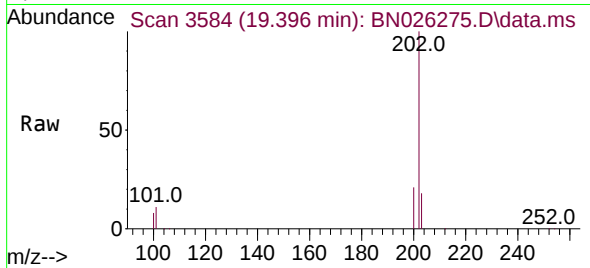




#19
Fluoranthene
Concen: 2.191 ng/ul
RT: 19.396 min Scan# 3584
Delta R.T. -0.006 min
Lab File: BN026275.D
Acq: 04 Jul 2023 22:55

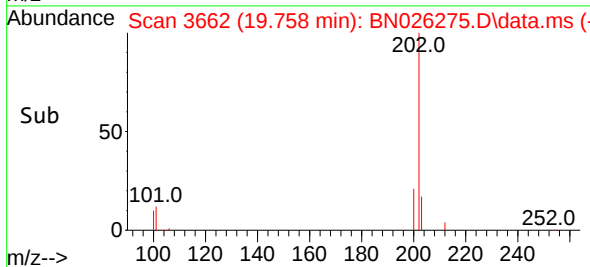
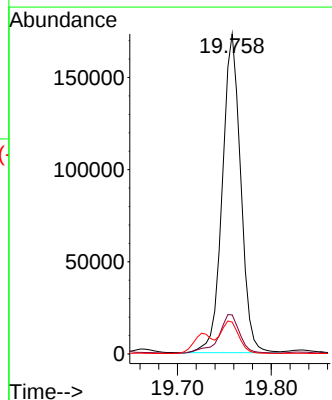
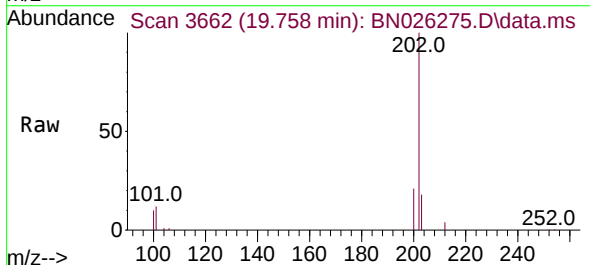
Instrument :
BNA_N
ClientSampleId :

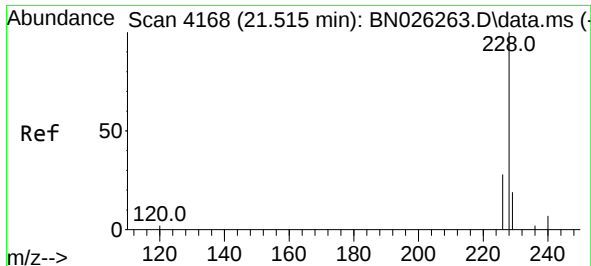
Tgt Ion:202 Resp: 286416
Ion Ratio Lower Upper
202 100
101 10.8 9.5 14.3
100 7.9 7.3 10.9



#20
Pyrene
Concen: 1.733 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN026275.D
Acq: 04 Jul 2023 22:55

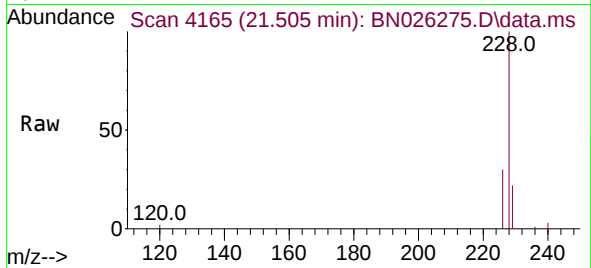
Tgt Ion:202 Resp: 235619
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 10.0 9.1 13.7



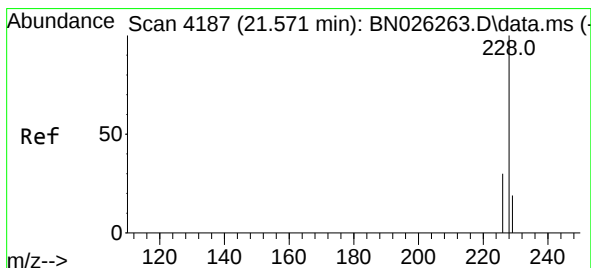
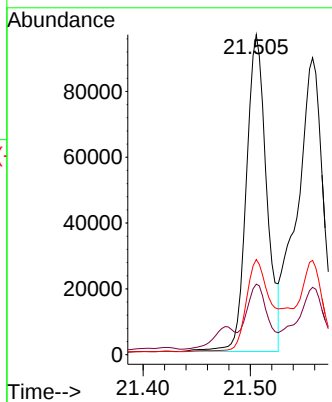
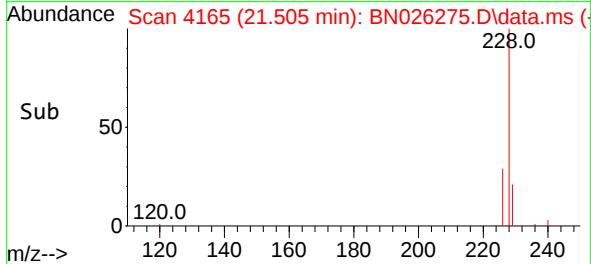


#21
Benzo(a)anthracene
Concen: 1.256 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. -0.010 min
Lab File: BN026275.D
Acq: 04 Jul 2023 22:55

Instrument :
BNA_N
ClientSampleId :

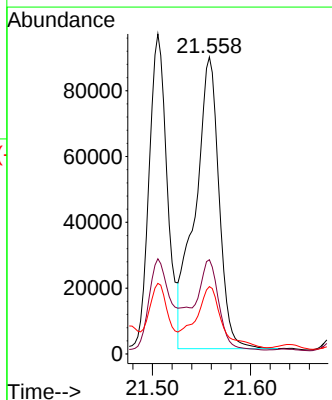
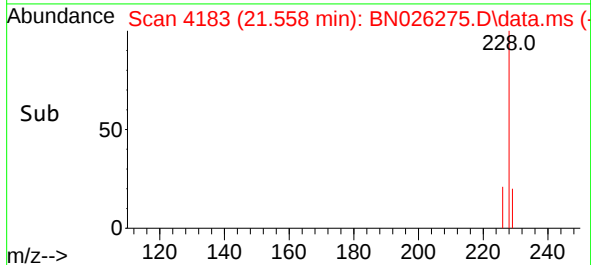
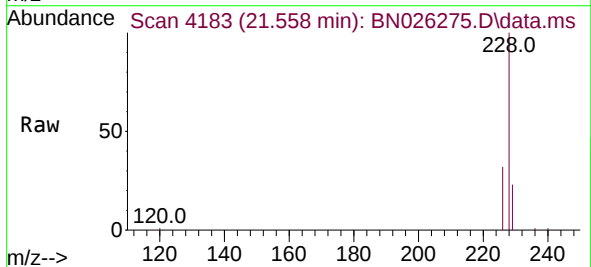


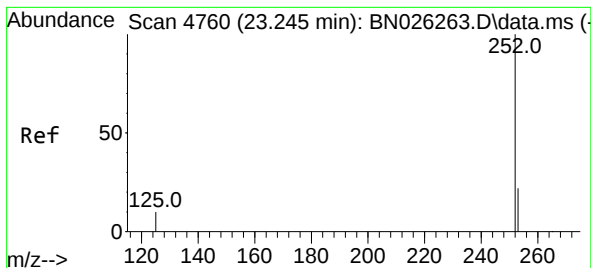
Tgt Ion:228 Resp: 126784
Ion Ratio Lower Upper
228 100
229 22.1 15.8 23.6
226 29.8 22.5 33.7



#22
Chrysene
Concen: 1.429 ng/ul
RT: 21.558 min Scan# 4183
Delta R.T. -0.013 min
Lab File: BN026275.D
Acq: 04 Jul 2023 22:55

Tgt Ion:228 Resp: 150080
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 22.7 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 2.929 ng/ul

RT: 23.230 min Scan# 41

Delta R.T. -0.015 min

Lab File: BN026275.D

Acq: 04 Jul 2023 22:55

Instrument :

BNA_N

ClientSampleId :

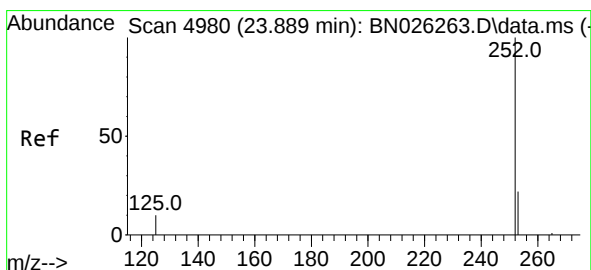
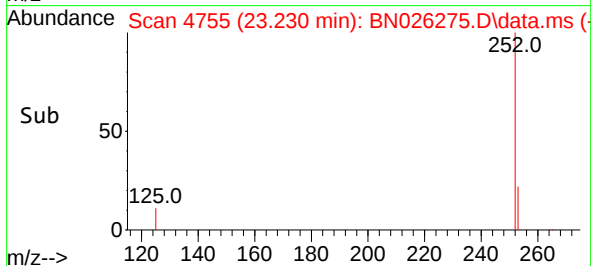
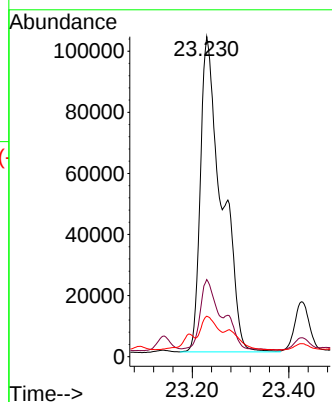
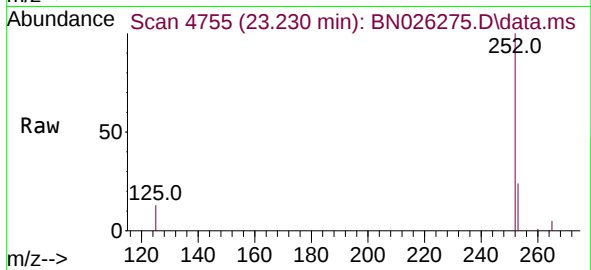
Tgt Ion:252 Resp: 315827

Ion Ratio Lower Upper

252 100

253 24.1 0.0 55.6

125 12.6 0.0 35.8



#26

Benzo(a)pyrene

Concen: 1.491 ng/ul

RT: 23.879 min Scan# 4977

Delta R.T. -0.010 min

Lab File: BN026275.D

Acq: 04 Jul 2023 22:55

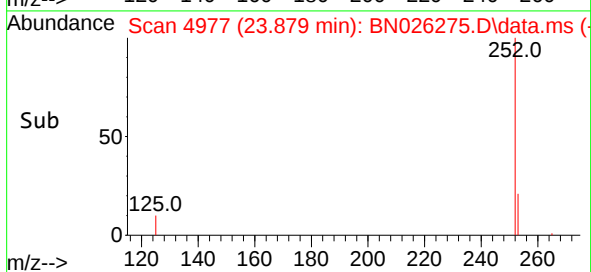
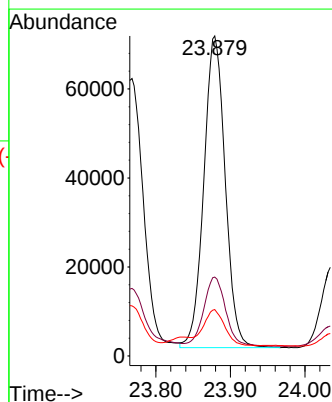
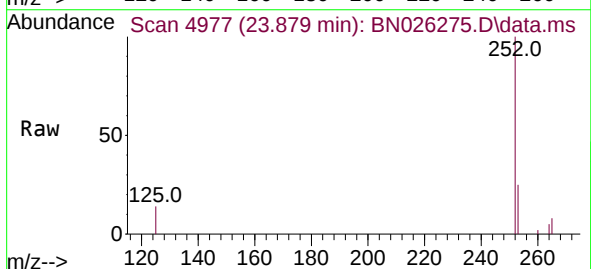
Tgt Ion:252 Resp: 139643

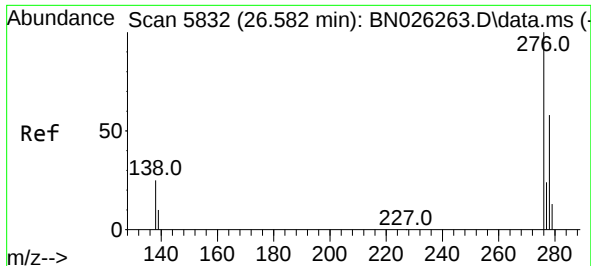
Ion Ratio Lower Upper

252 100

253 24.7 26.0 39.0#

125 14.5 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.080 ng/ul

RT: 26.564 min Scan# 5827

Delta R.T. -0.018 min

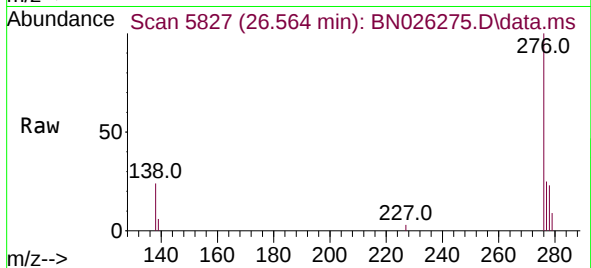
Lab File: BN026275.D

Acq: 04 Jul 2023 22:55

Instrument :

BNA_N

ClientSampleId :



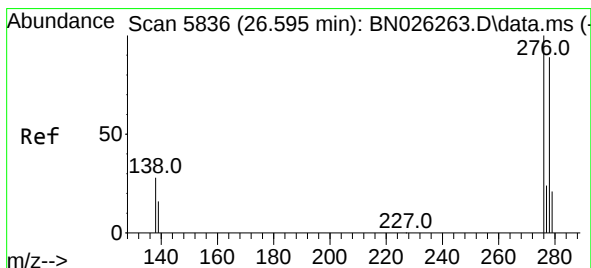
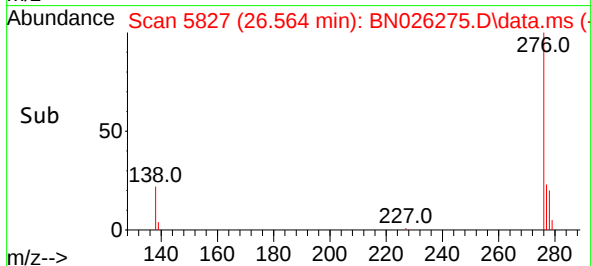
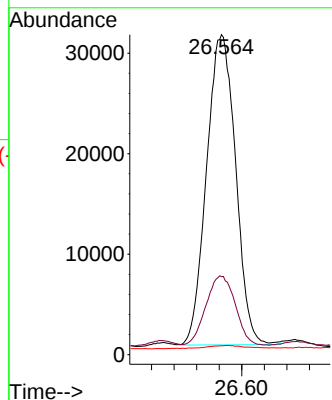
Tgt Ion:276 Resp: 110461

Ion Ratio Lower Upper

276 100

138 22.8 24.5 36.7#

227 1.3 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.360 ng/ul

RT: 26.581 min Scan# 5832

Delta R.T. -0.014 min

Lab File: BN026275.D

Acq: 04 Jul 2023 22:55

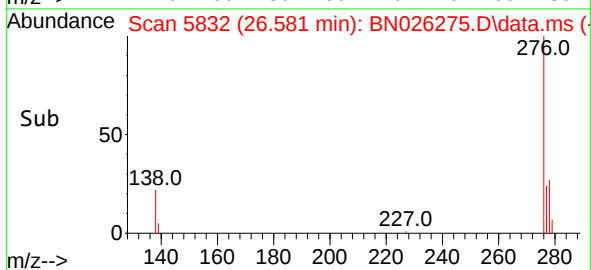
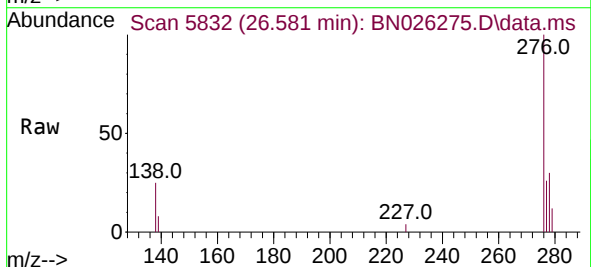
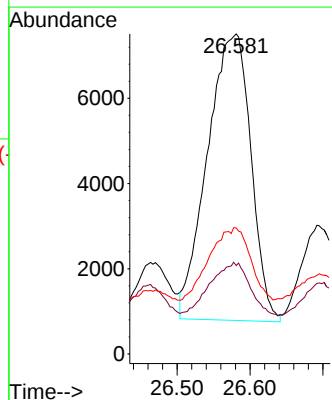
Tgt Ion:278 Resp: 27898

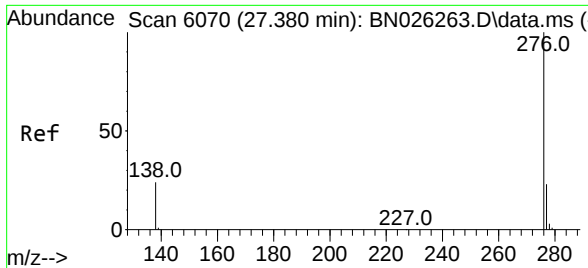
Ion Ratio Lower Upper

278 100

139 27.7 19.0 28.4

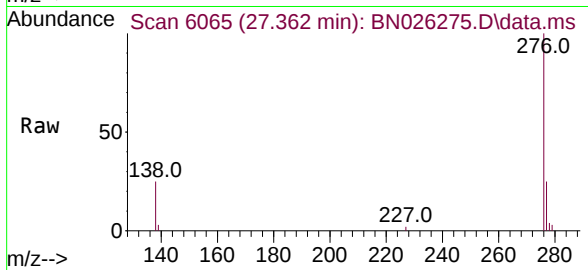
279 39.4 26.7 40.1





#29
Benzo(g,h,i)perylene
Concen: 1.288 ng/ul
RT: 27.362 min Scan# 6065
Delta R.T. -0.018 min
Lab File: BN026275.D
Acq: 04 Jul 2023 22:55

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:276 Resp: 117196
Ion Ratio Lower Upper
276 100
138 24.5 23.4 35.0
277 24.6 20.0 30.0

