

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026223.D
 Acq On : 03 Jul 2023 13:08
 Operator : MA/JU
 Sample : 03246-06
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 23:21:35 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)

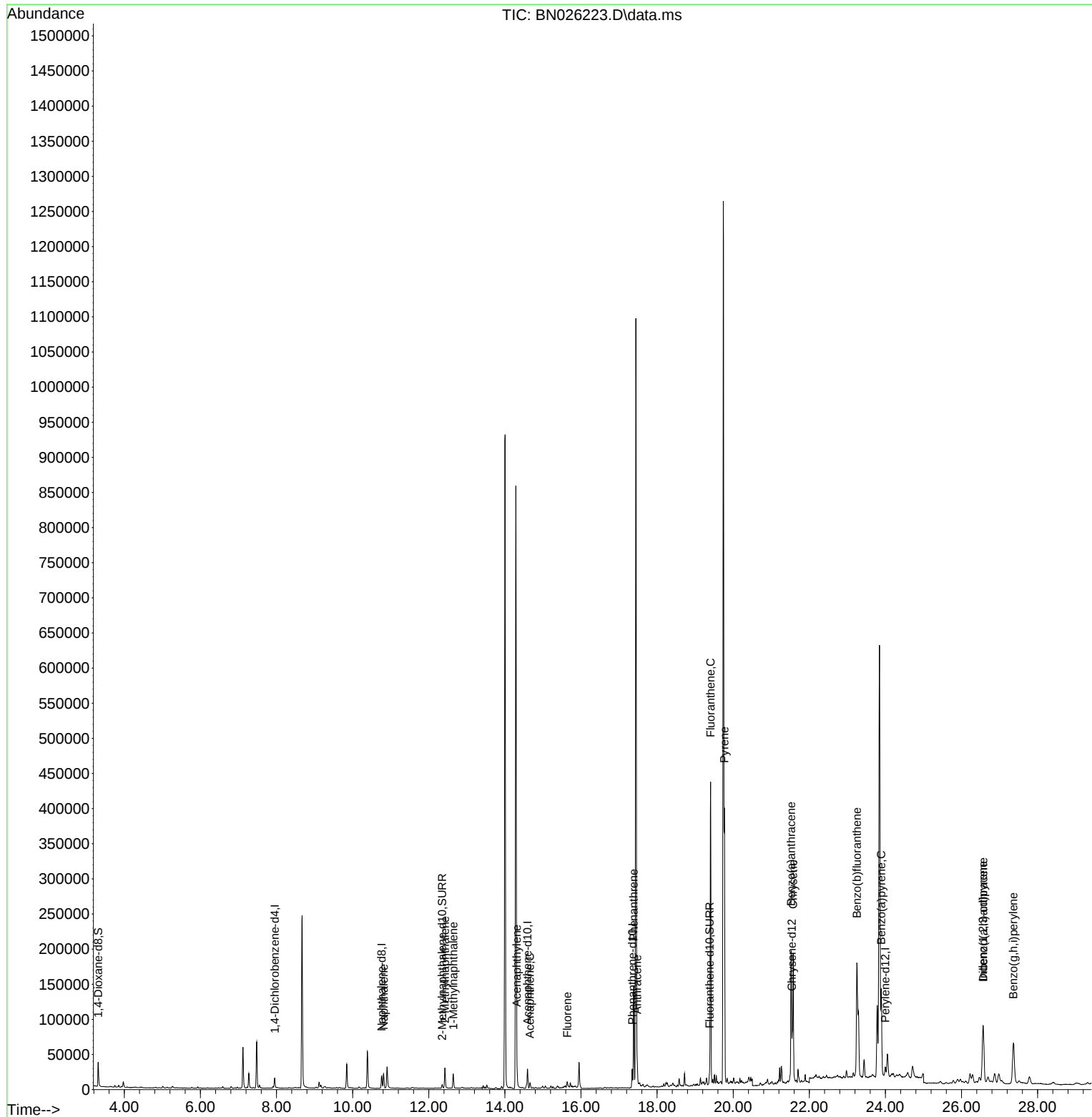
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8109	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	25247	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	15600	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	32094	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	18439	0.400	ng/ul	# 0.00
23) Perylene-d12	23.996	264	19545	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	23824	2.609	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.354	152	7300	0.188	ng/ul	-0.01
18) Fluoranthene-d10	19.377	212	15013	0.214	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	28863	0.399	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	21891	0.475	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	15105	0.316	ng/ul	100
10) Acenaphthylene	14.316	152	23450	0.321	ng/ul	96
11) Acenaphthene	14.658	153	4938	0.083	ng/ul	97
12) Fluorene	15.643	166	5156	0.075	ng/ul#	93
15) Phenanthrene	17.385	178	157014	1.481	ng/ul	99
16) Anthracene	17.478	178	34611	0.367	ng/ul	97
19) Fluoranthene	19.405	202	377757	3.836	ng/ul	98
20) Pyrene	19.768	202	316397	3.089	ng/ul	97
21) Benzo(a)anthracene	21.523	228	168439	2.214	ng/ul	96
22) Chrysene	21.576	228	197009	2.489	ng/ul	96
24) Benzo(b)fluoranthene	23.250	252	382767	4.588	ng/ul	91
26) Benzo(a)pyrene	23.891	252	176768	2.440	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.568	276	148825	1.881	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.571	278	37111	0.620	ng/ul#	92
29) Benzo(g,h,i)perylene	27.362	276	139615	1.983	ng/ul	95

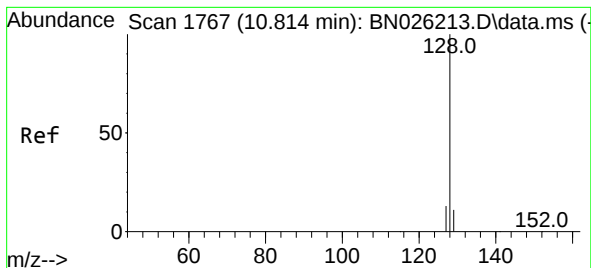
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.399 ng/ul

RT: 10.814 min Scan# 1767

Delta R.T. -0.011 min

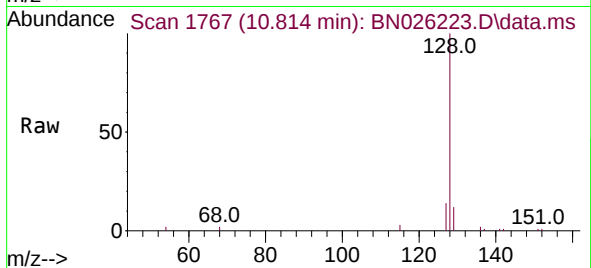
Lab File: BN026223.D

Acq: 03 Jul 2023 13:08

Instrument :

BNA_N

ClientSampleId :



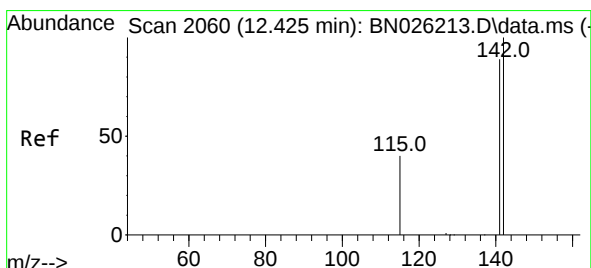
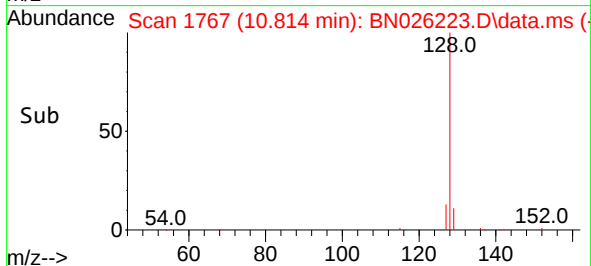
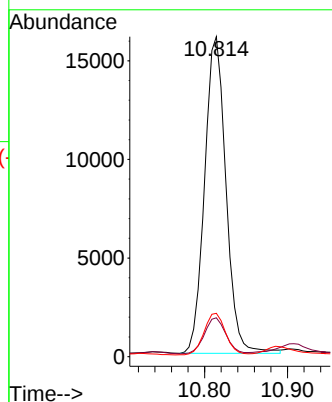
Tgt Ion:128 Resp: 28863

Ion Ratio Lower Upper

128 100

129 12.2 9.1 13.7

127 13.6 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.475 ng/ul

RT: 12.425 min Scan# 2060

Delta R.T. -0.011 min

Lab File: BN026223.D

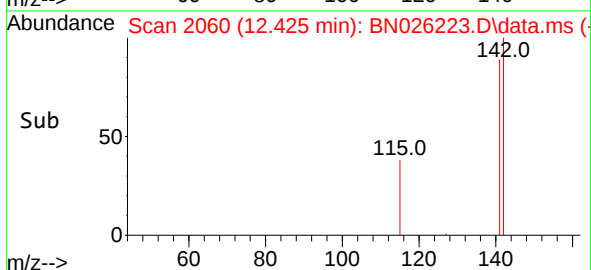
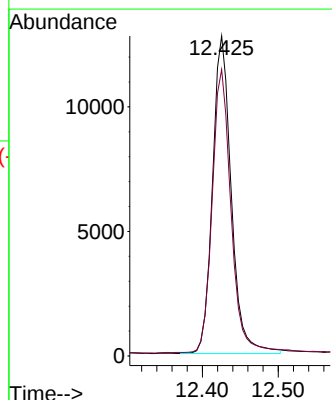
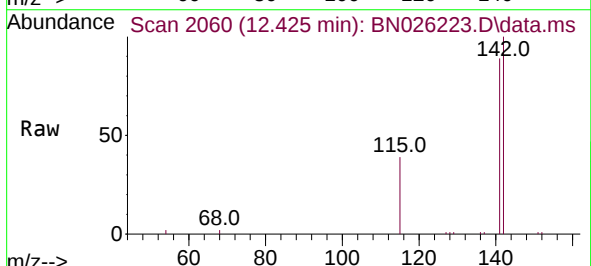
Acq: 03 Jul 2023 13:08

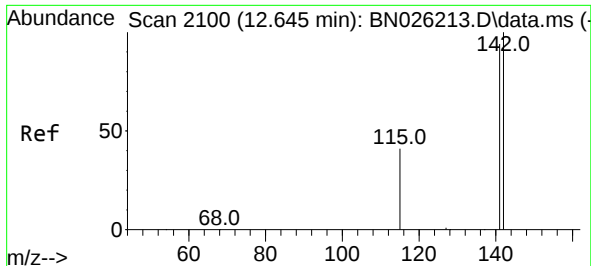
Tgt Ion:142 Resp: 21891

Ion Ratio Lower Upper

142 100

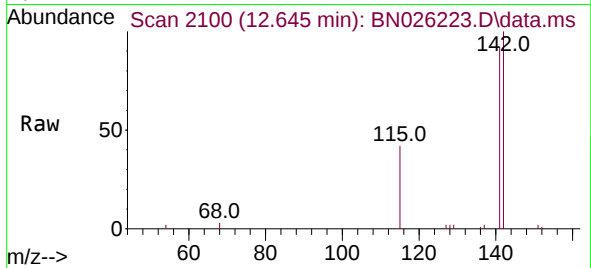
141 90.1 71.9 107.9



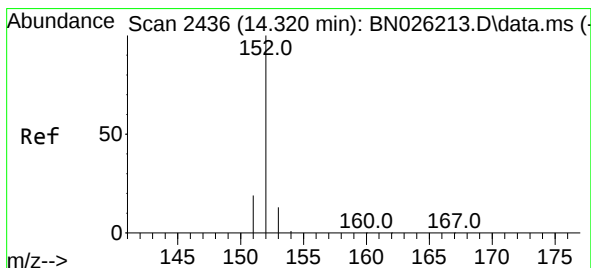
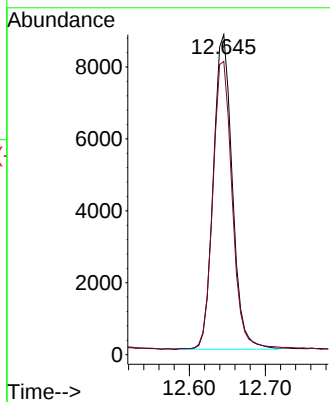
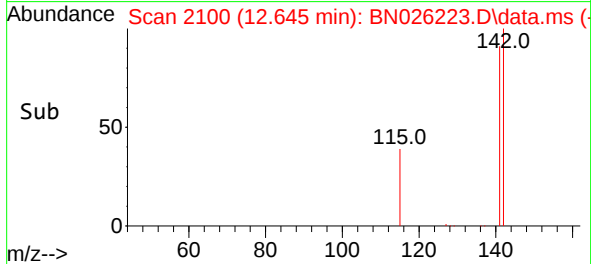


#8
1-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026223.D
Acq: 03 Jul 2023 13:08

Instrument :
BNA_N
ClientSampleId :

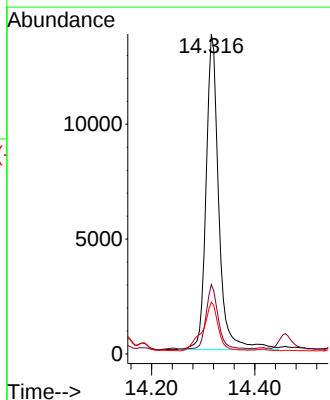
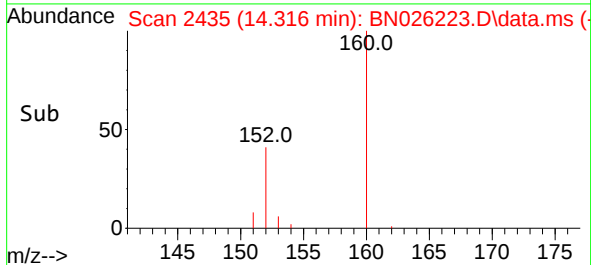
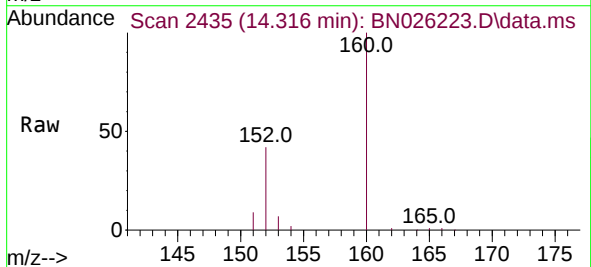


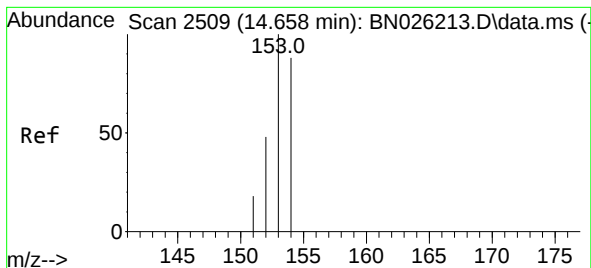
Tgt Ion:142 Resp: 15105
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4



#10
Acenaphthylene
Concen: 0.321 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026223.D
Acq: 03 Jul 2023 13:08

Tgt Ion:152 Resp: 23450
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.4
153 16.1 10.9 16.3





#11

Acenaphthene

Concen: 0.083 ng/u1

RT: 14.658 min Scan# 2509

Delta R.T. -0.010 min

Lab File: BN026223.D

Acq: 03 Jul 2023 13:08

Instrument :

BNA_N

ClientSampleId :

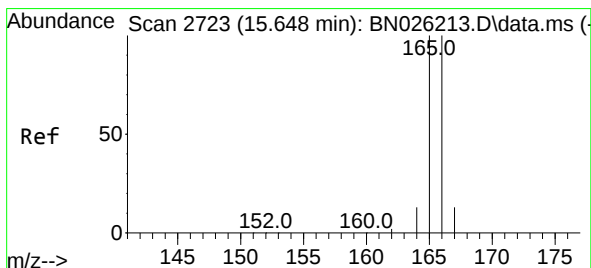
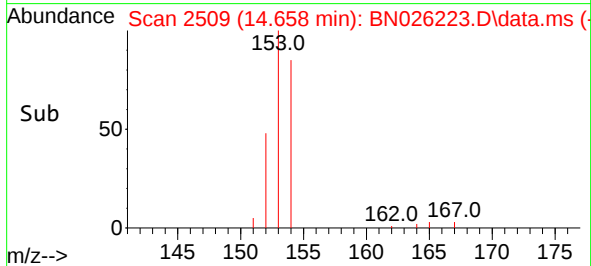
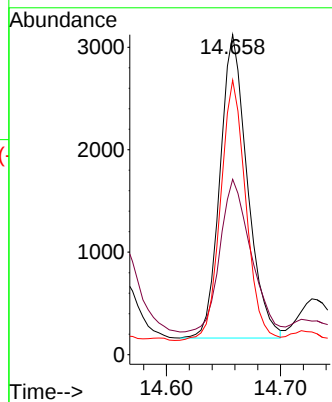
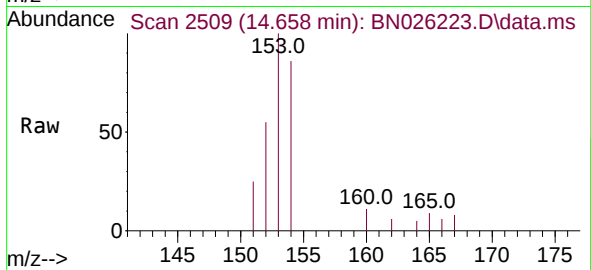
Tgt Ion:153 Resp: 4938

Ion Ratio Lower Upper

153 100

152 54.8 39.4 59.0

154 85.8 68.9 103.3



#12

Fluorene

Concen: 0.075 ng/u1

RT: 15.643 min Scan# 2722

Delta R.T. -0.010 min

Lab File: BN026223.D

Acq: 03 Jul 2023 13:08

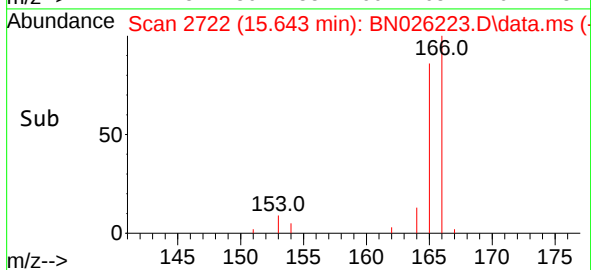
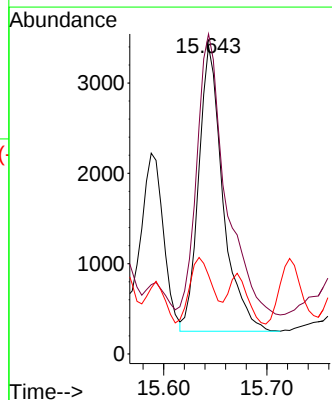
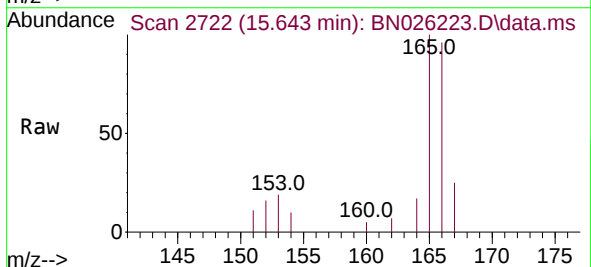
Tgt Ion:166 Resp: 5156

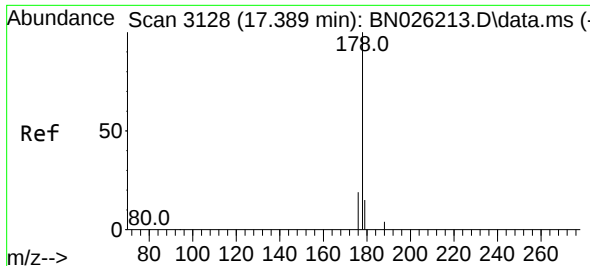
Ion Ratio Lower Upper

166 100

165 103.9 79.9 119.9

167 25.6 10.8 16.2#

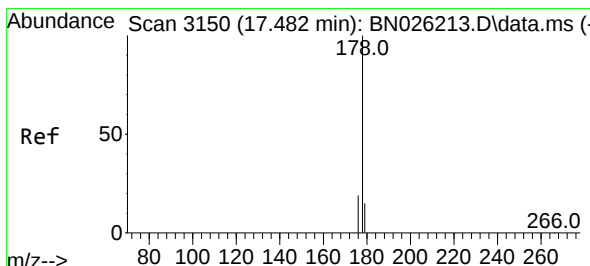
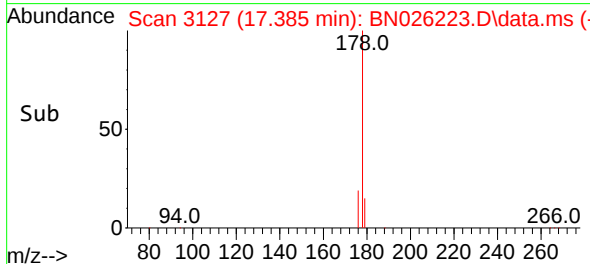
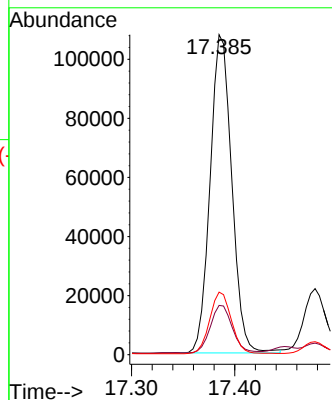
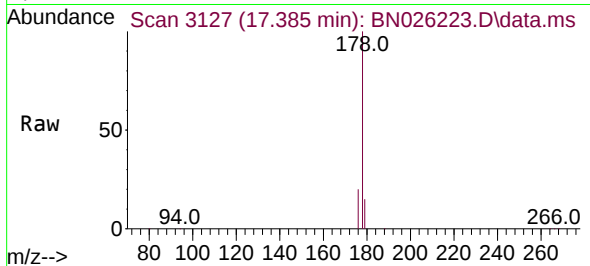




#15
Phenanthrene
Concen: 1.481 ng/ul
RT: 17.385 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026223.D
Acq: 03 Jul 2023 13:08

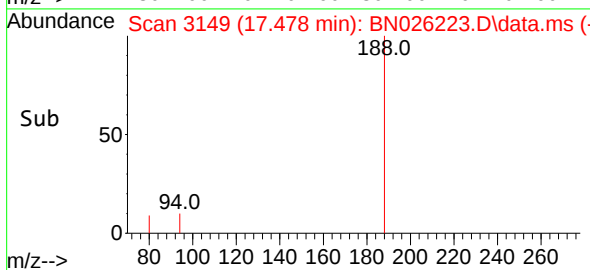
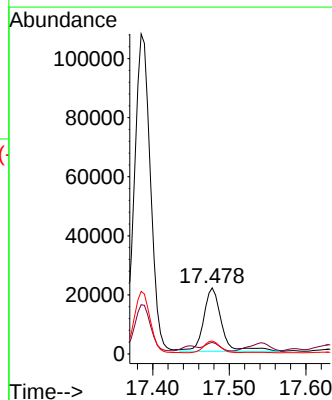
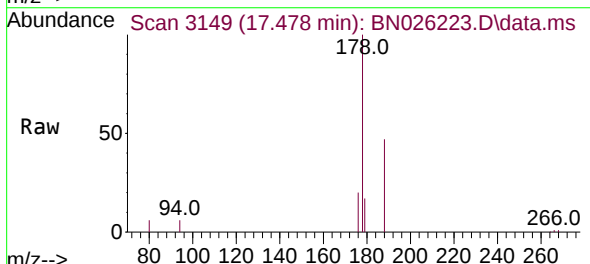
Instrument :
BNA_N
ClientSampleId :

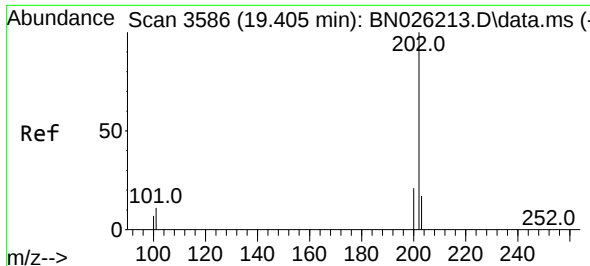
Tgt Ion:178 Resp: 157014
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026223.D
Acq: 03 Jul 2023 13:08

Tgt Ion:178 Resp: 34611
Ion Ratio Lower Upper
178 100
179 17.4 12.6 18.8
176 19.6 15.1 22.7

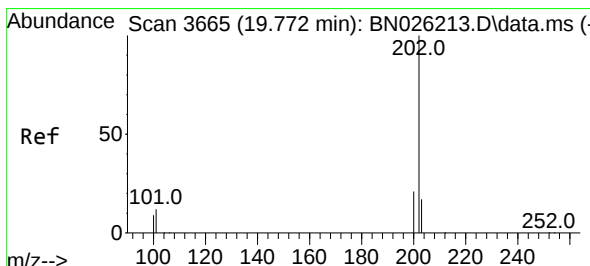
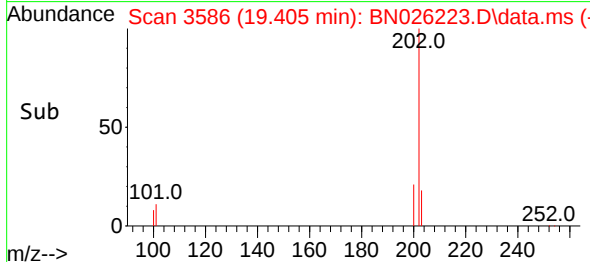
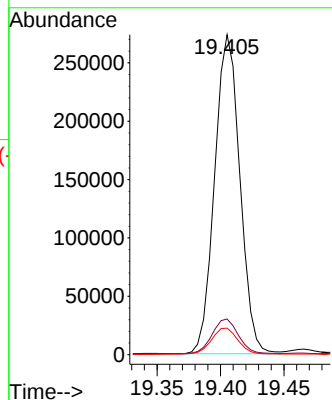
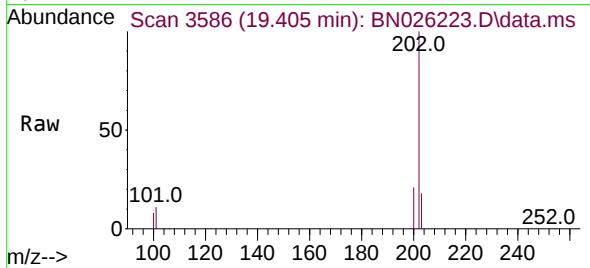




#19
Fluoranthene
Concen: 3.836 ng/u1
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026223.D
Acq: 03 Jul 2023 13:08

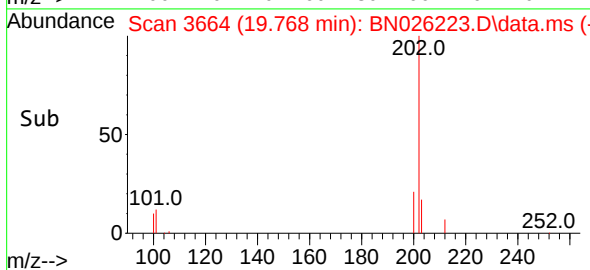
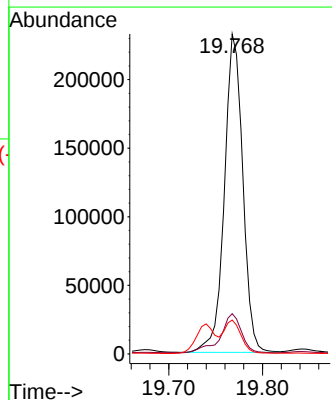
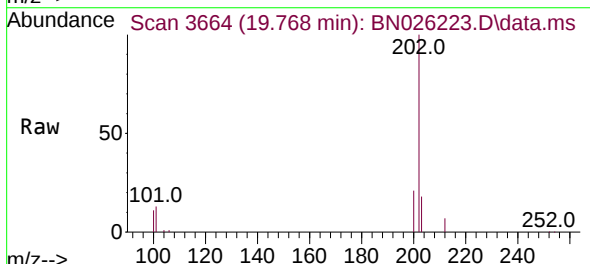
Instrument :
BNA_N
ClientSampleId :

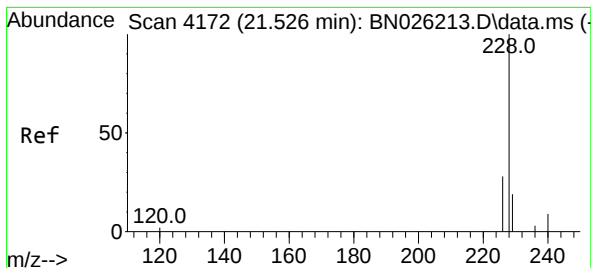
Tgt Ion:202 Resp: 377757
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.3 7.3 10.9



#20
Pyrene
Concen: 3.089 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026223.D
Acq: 03 Jul 2023 13:08

Tgt Ion:202 Resp: 316397
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.6 9.1 13.7





#21

Benzo(a)anthracene

Concen: 2.214 ng/ul

RT: 21.523 min Scan# 4172

Delta R.T. -0.004 min

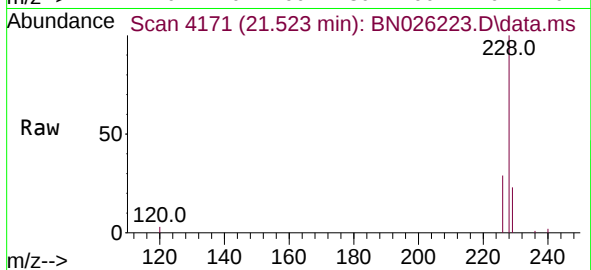
Lab File: BN026223.D

Acq: 03 Jul 2023 13:08

Instrument :

BNA_N

ClientSampleId :



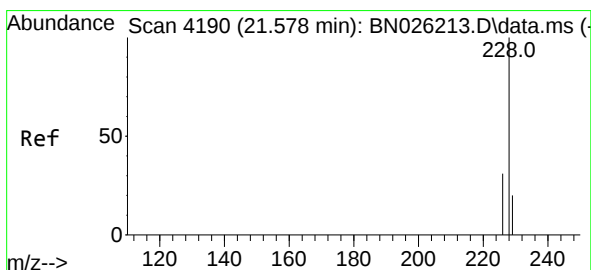
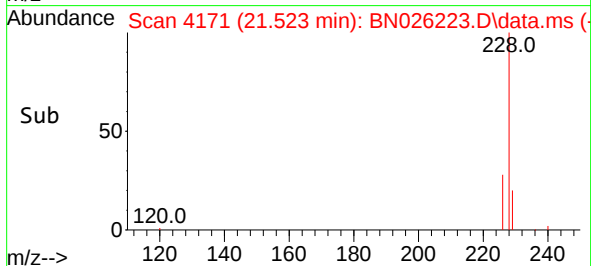
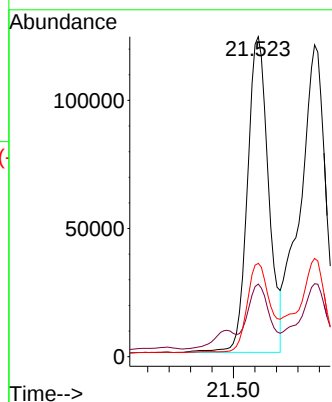
Tgt Ion:228 Resp: 168439

Ion Ratio Lower Upper

228 100

229 22.7 15.8 23.6

226 29.2 22.5 33.7



#22

Chrysene

Concen: 2.489 ng/ul

RT: 21.576 min Scan# 4189

Delta R.T. -0.004 min

Lab File: BN026223.D

Acq: 03 Jul 2023 13:08

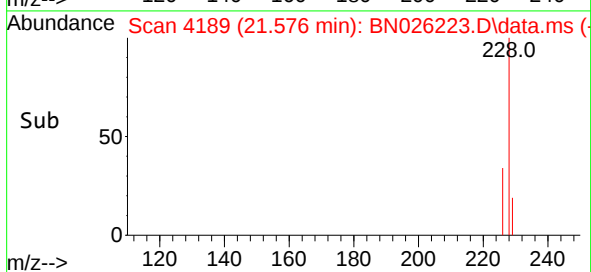
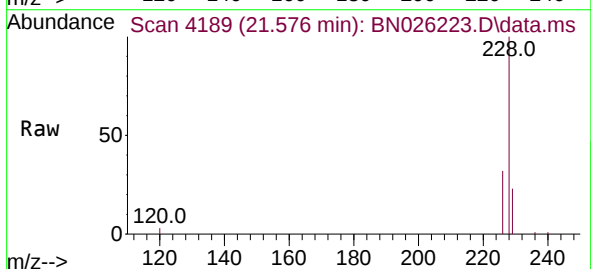
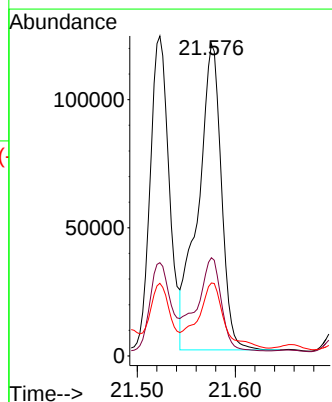
Tgt Ion:228 Resp: 197009

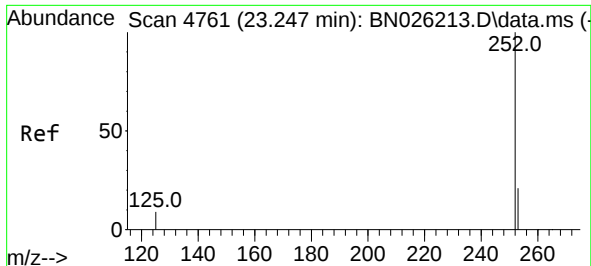
Ion Ratio Lower Upper

228 100

226 31.5 24.8 37.2

229 23.4 15.7 23.5

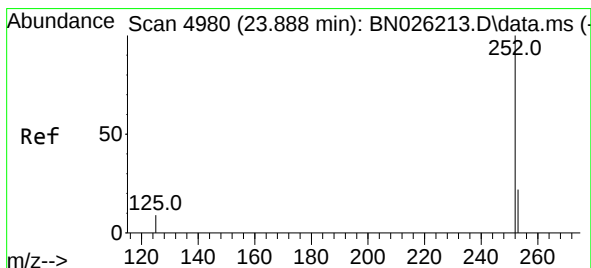
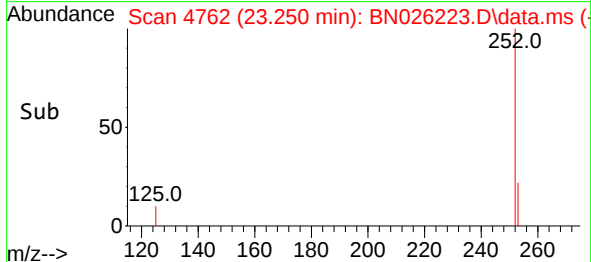
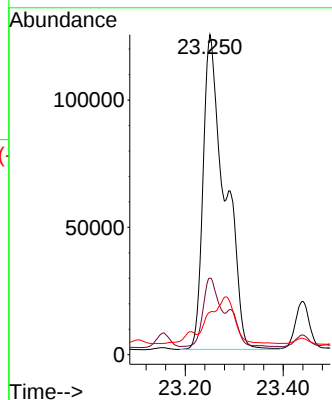
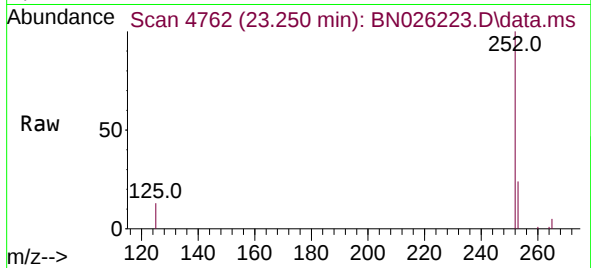




#24
Benzo(b)fluoranthene
Concen: 4.588 ng/ul
RT: 23.250 min Scan# 4761
Delta R.T. 0.008 min
Lab File: BN026223.D
Acq: 03 Jul 2023 13:08

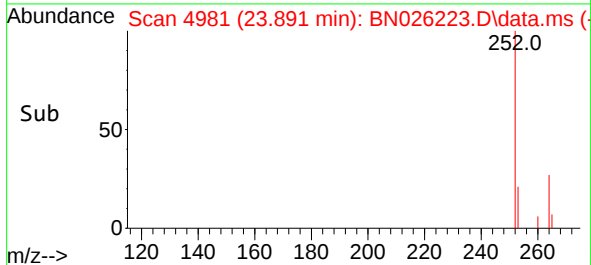
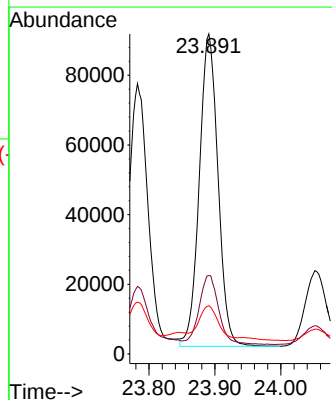
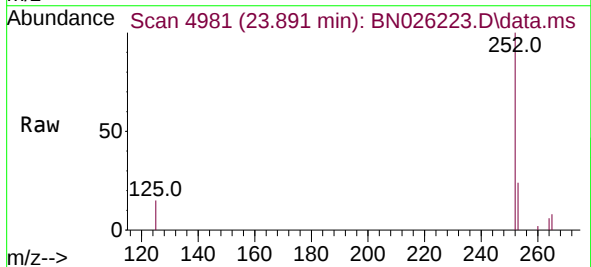
Instrument :
BNA_N
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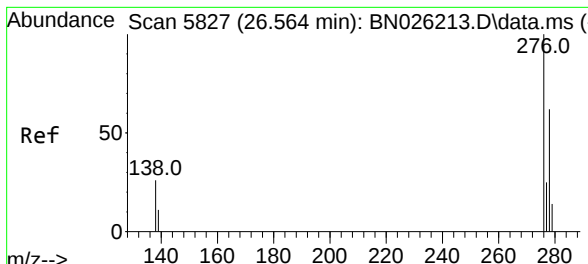
Tgt Ion:252 Resp: 382767
Ion Ratio Lower Upper
252 100
253 23.9 0.0 55.6
125 13.3 0.0 35.8



#26
Benzo(a)pyrene
Concen: 2.440 ng/ul
RT: 23.891 min Scan# 4981
Delta R.T. 0.005 min
Lab File: BN026223.D
Acq: 03 Jul 2023 13:08

Tgt Ion:252 Resp: 176768
Ion Ratio Lower Upper
252 100
253 24.5 26.0 39.0#
125 15.0 17.3 25.9#

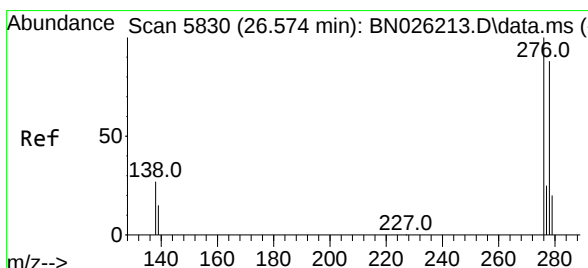
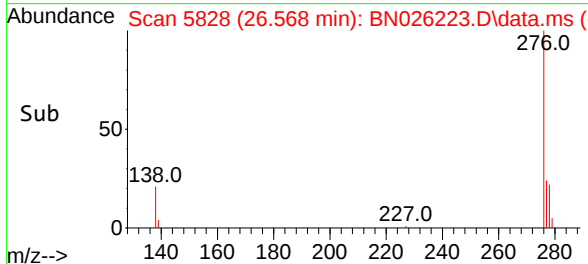
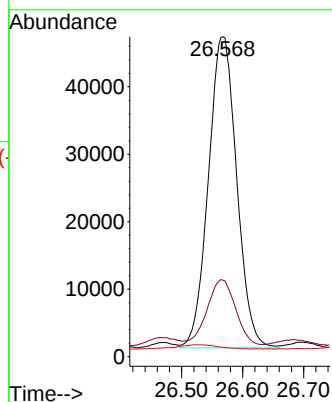
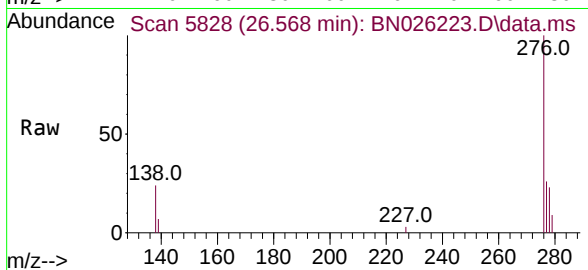




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.881 ng/ul
 RT: 26.568 min Scan# 5827
 Delta R.T. 0.009 min
 Lab File: BN026223.D
 Acq: 03 Jul 2023 13:08

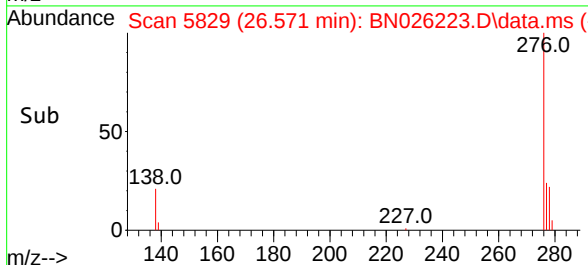
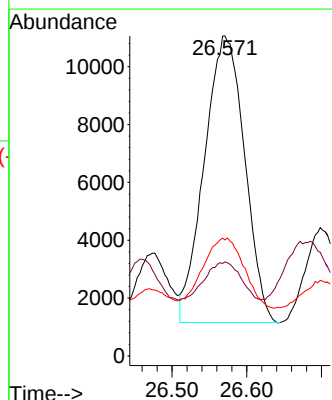
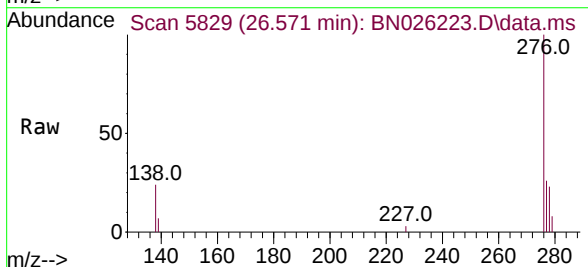
Instrument :
 BNA_N
 ClientSampleId :

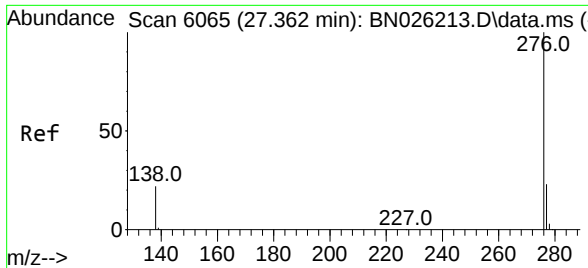
Tgt Ion:276 Resp: 148825
 Ion Ratio Lower Upper
 276 100
 138 21.4 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.620 ng/ul
 RT: 26.571 min Scan# 5829
 Delta R.T. -0.007 min
 Lab File: BN026223.D
 Acq: 03 Jul 2023 13:08

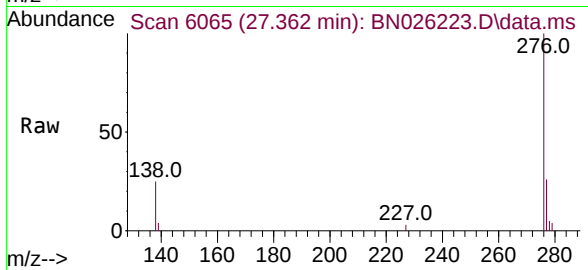
Tgt Ion:278 Resp: 37111
 Ion Ratio Lower Upper
 278 100
 139 29.4 19.0 28.4#
 279 36.2 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 1.983 ng/ul
 RT: 27.362 min Scan# 60
 Delta R.T. 0.016 min
 Lab File: BN026223.D
 Acq: 03 Jul 2023 13:08

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	139615
Ion	Ratio	Lower	Upper
276	100		
138	24.7	23.4	35.0
277	25.5	20.0	30.0

