

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026224.D
 Acq On : 03 Jul 2023 13:45
 Operator : MA/JU
 Sample : 03246-07
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 23:21:49 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)

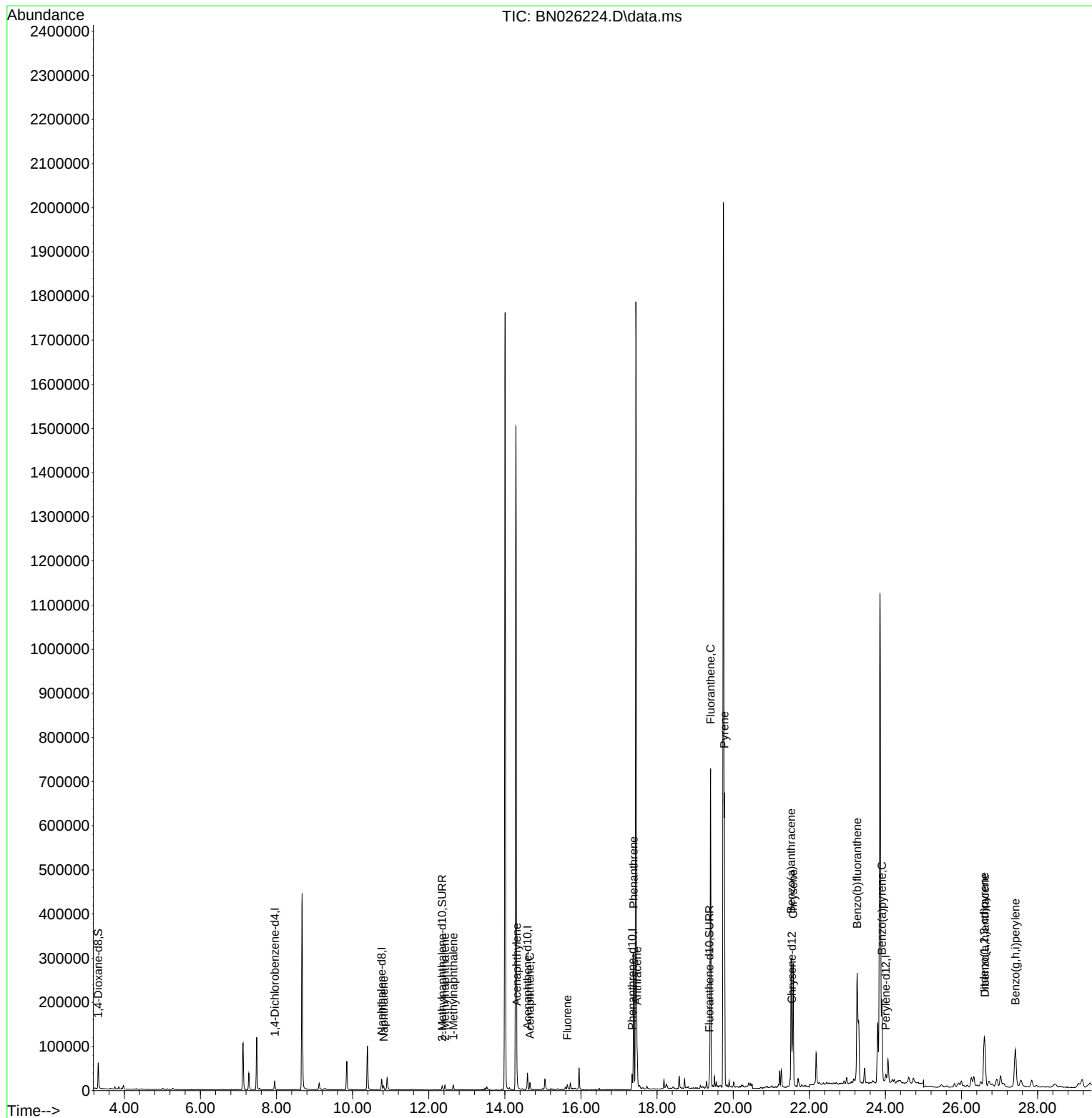
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	10856	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	33561	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	20374	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	40446	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	23405	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	24526	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	39291	3.214	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.354	152	13525	0.262	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	26408	0.296	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	13165	0.137	ng/ul	97
7) 2-Methylnaphthalene	12.425	142	8551	0.140	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	8228	0.130	ng/ul	100
10) Acenaphthylene	14.316	152	26215	0.275	ng/ul	98
11) Acenaphthene	14.658	153	9400	0.120	ng/ul	99
12) Fluorene	15.643	166	7000	0.078	ng/ul#	94
15) Phenanthrene	17.385	178	332039	2.485	ng/ul	99
16) Anthracene	17.478	178	79322	0.668	ng/ul	99
19) Fluoranthene	19.405	202	616292	4.930	ng/ul	98
20) Pyrene	19.768	202	532386	4.094	ng/ul	97
21) Benzo(a)anthracene	21.523	228	246002	2.548	ng/ul	97
22) Chrysene	21.576	228	291791	2.904	ng/ul	97
24) Benzo(b)fluoranthene	23.256	252	567182	5.418	ng/ul	90
26) Benzo(a)pyrene	23.908	252	265638	2.922	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.598	276	218500	2.200	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.614	278	53845	0.716	ng/ul	97
29) Benzo(g,h,i)perylene	27.413	276	202930	2.297	ng/ul	95

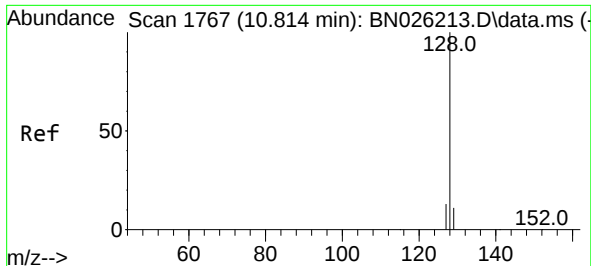
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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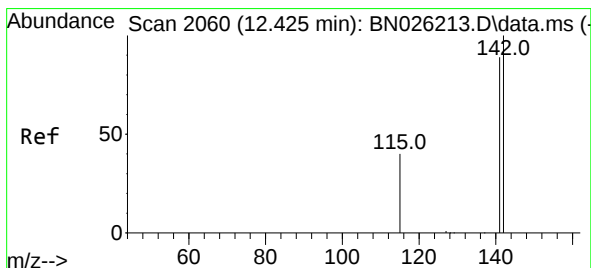
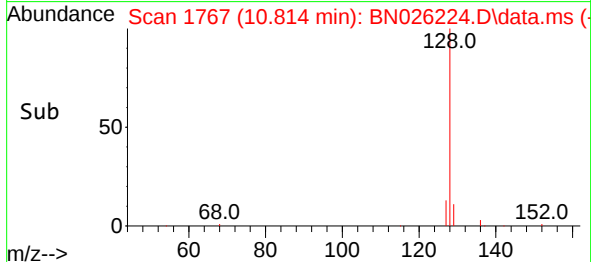
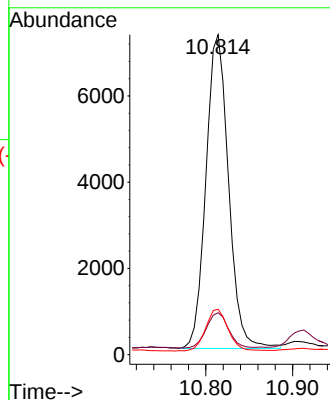
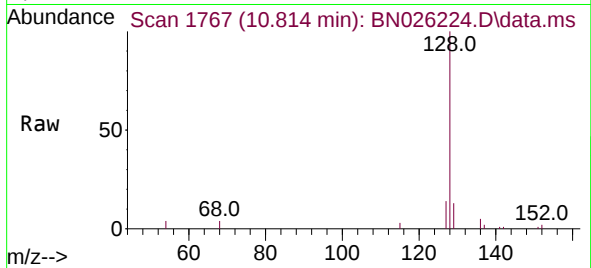




#5
Naphthalene
Concen: 0.137 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

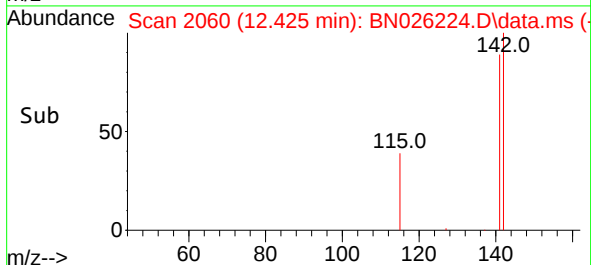
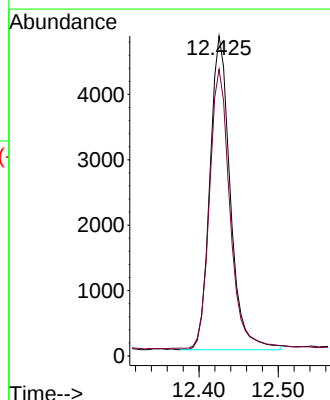
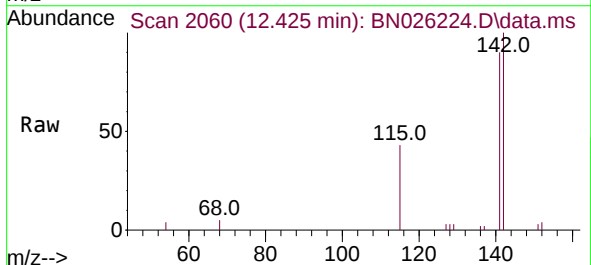
Instrument :
BNA_N
ClientSampleId :

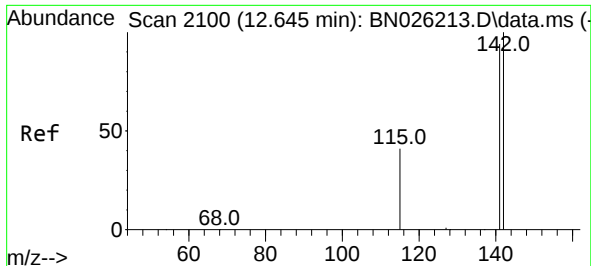
Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.1	13.7
127	14.2	10.7	16.1



#7
2-Methylnaphthalene
Concen: 0.140 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9

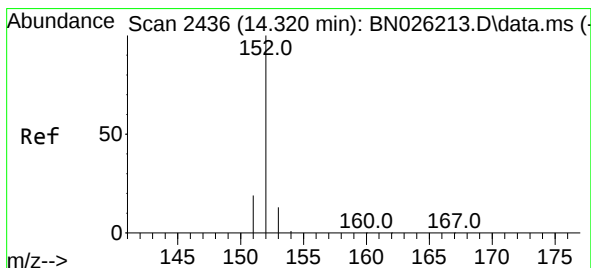
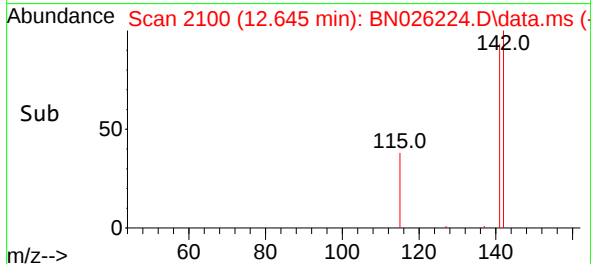
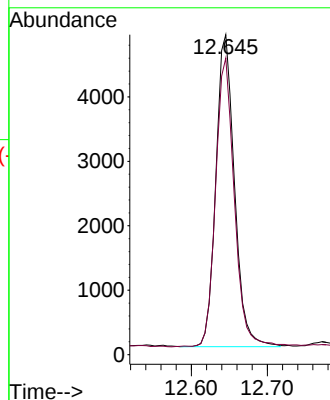
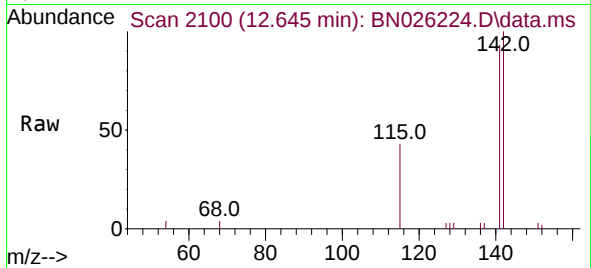




#8
1-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

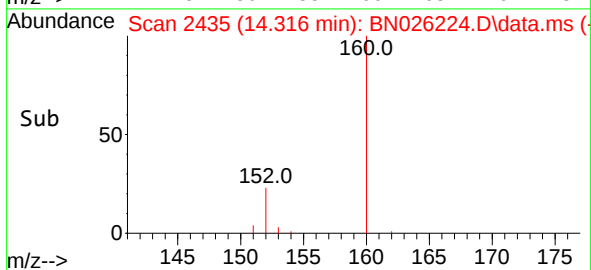
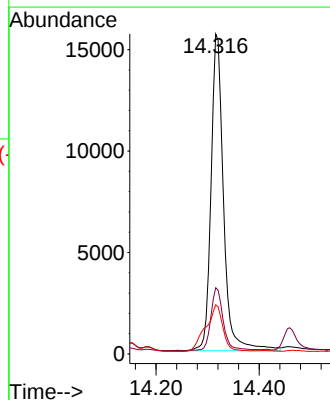
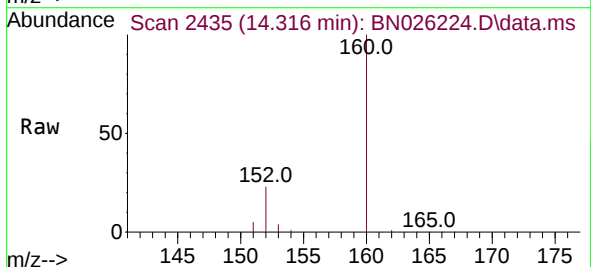
Instrument :
BNA_N
ClientSampleId :

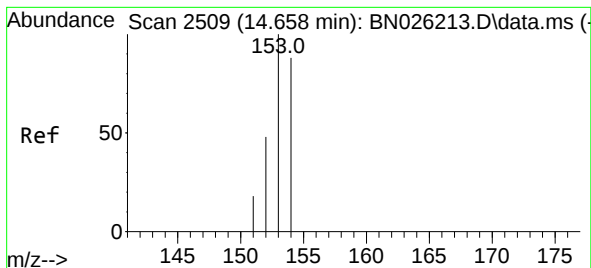
Tgt Ion:142 Resp: 8228
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4



#10
Acenaphthylene
Concen: 0.275 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

Tgt Ion:152 Resp: 26215
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 15.4 10.9 16.3





#11

Acenaphthene

Concen: 0.120 ng/ul

RT: 14.658 min Scan# 2509

Delta R.T. -0.010 min

Lab File: BN026224.D

Acq: 03 Jul 2023 13:45

Instrument :

BNA_N

ClientSampleId :

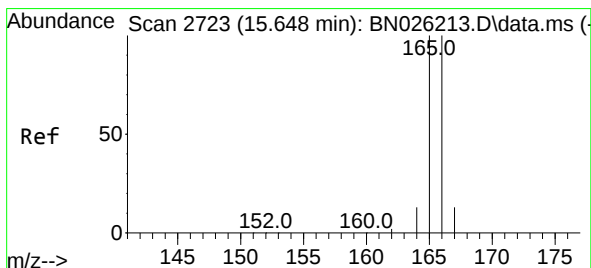
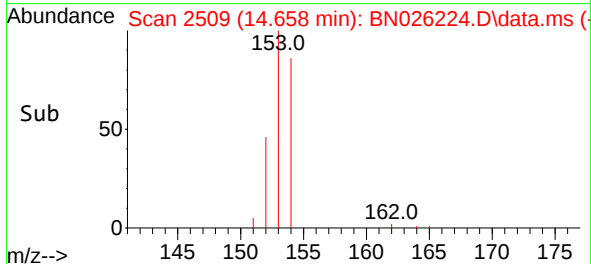
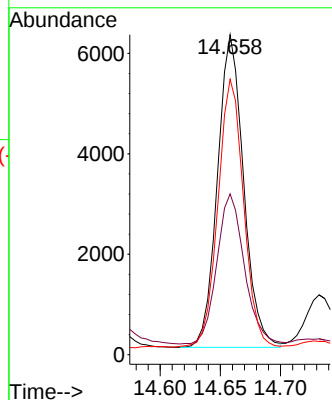
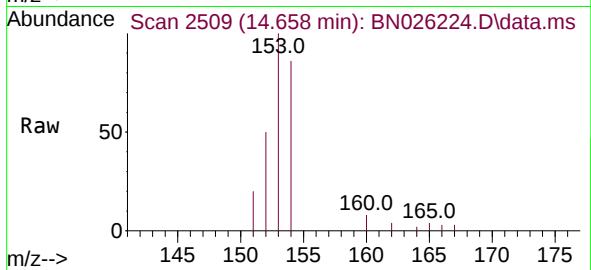
Tgt Ion:153 Resp: 9400

Ion Ratio Lower Upper

153 100

152 50.3 39.4 59.0

154 86.1 68.9 103.3



#12

Fluorene

Concen: 0.078 ng/ul

RT: 15.643 min Scan# 2722

Delta R.T. -0.010 min

Lab File: BN026224.D

Acq: 03 Jul 2023 13:45

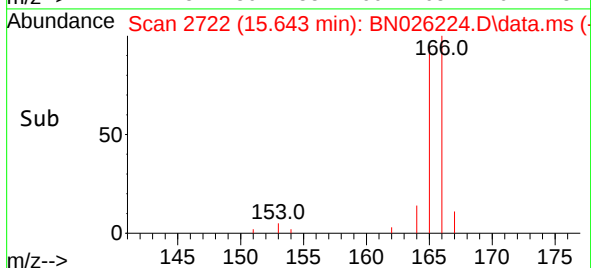
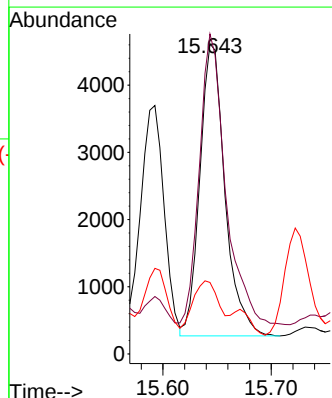
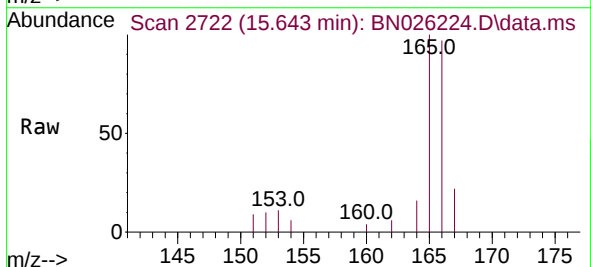
Tgt Ion:166 Resp: 7000

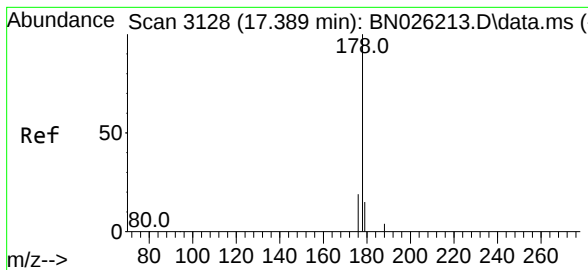
Ion Ratio Lower Upper

166 100

165 103.1 79.9 119.9

167 23.1 10.8 16.2#





#15

Phenanthrene

Concen: 2.485 ng/ul

RT: 17.385 min Scan# 3128

Delta R.T. -0.009 min

Lab File: BN026224.D

Acq: 03 Jul 2023 13:45

Instrument :

BNA_N

ClientSampleId :

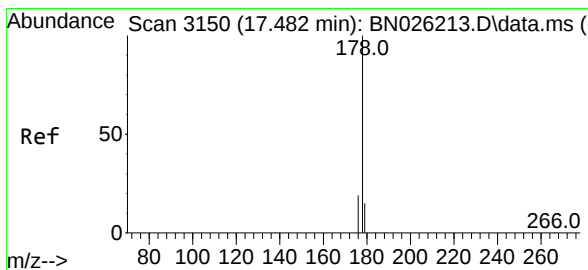
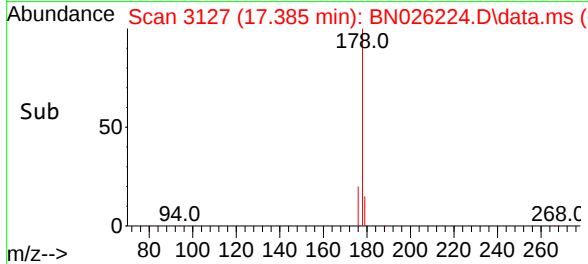
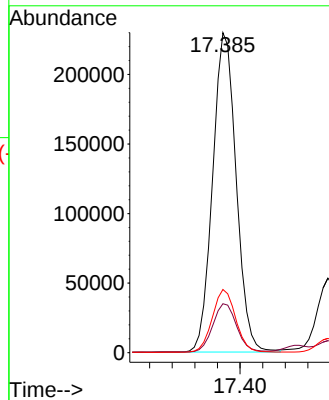
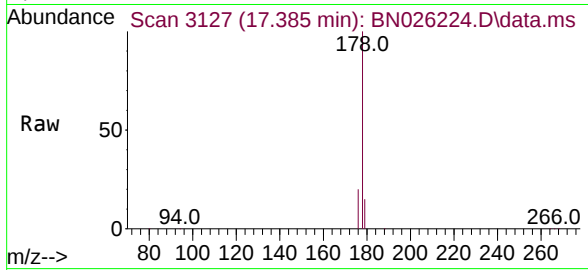
Tgt Ion:178 Resp: 332039

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

176 19.7 15.8 23.6



#16

Anthracene

Concen: 0.668 ng/ul

RT: 17.478 min Scan# 3149

Delta R.T. -0.009 min

Lab File: BN026224.D

Acq: 03 Jul 2023 13:45

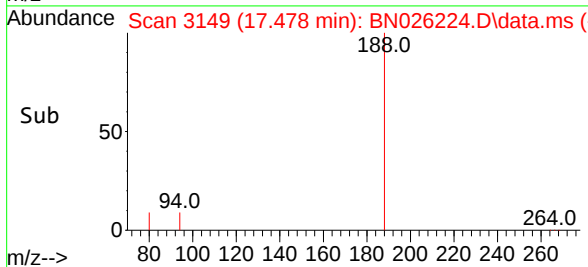
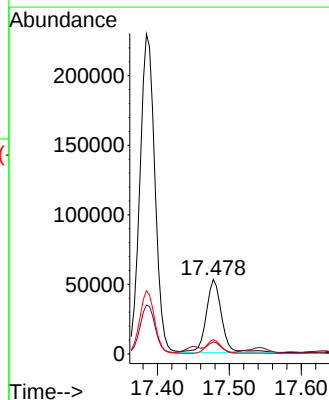
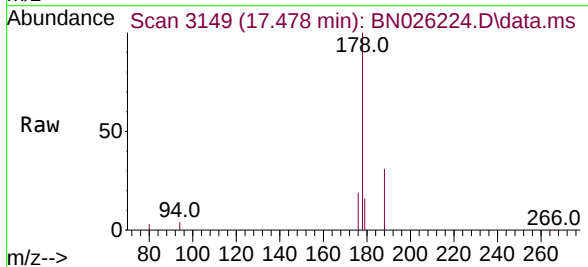
Tgt Ion:178 Resp: 79322

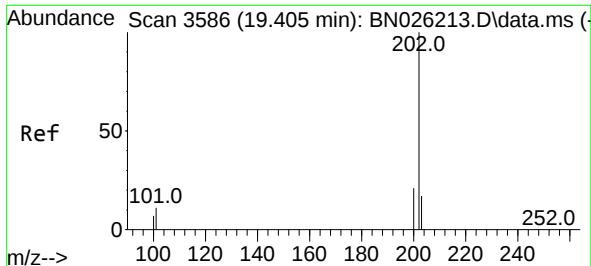
Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

176 19.1 15.1 22.7

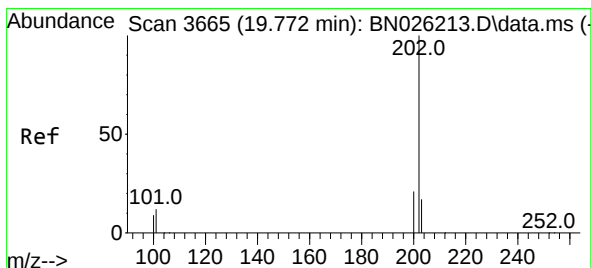
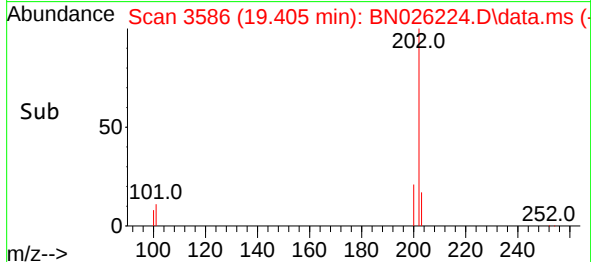
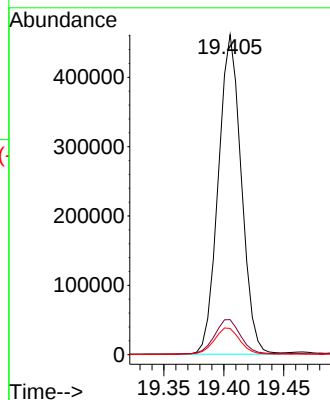
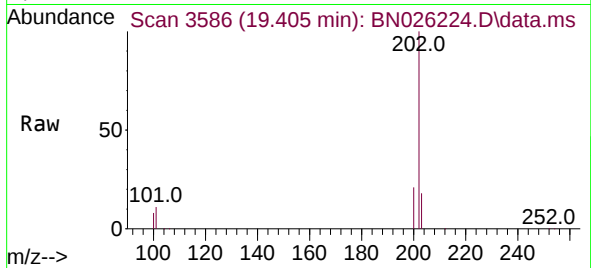




#19
Fluoranthene
Concen: 4.930 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

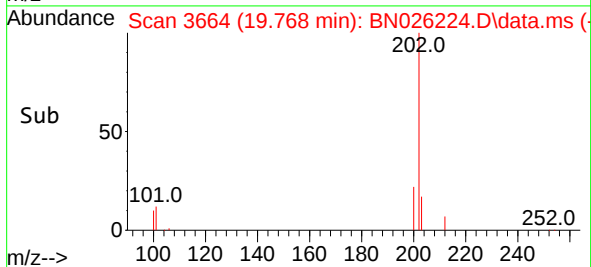
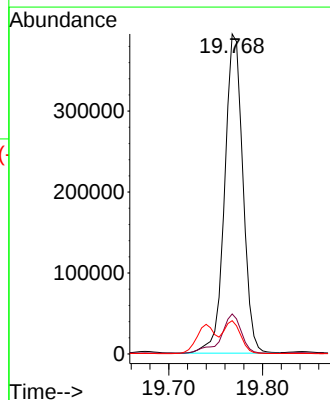
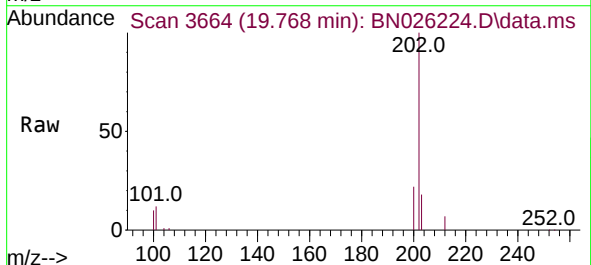
Instrument :
BNA_N
ClientSampleId :

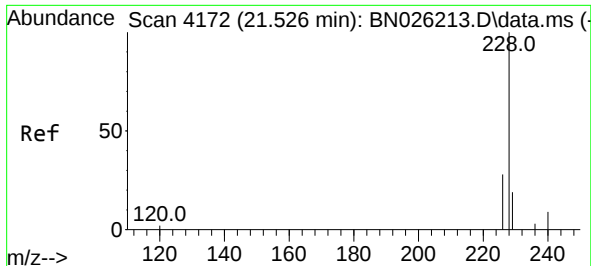
Tgt Ion:202 Resp: 616292
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
100 8.2 7.3 10.9



#20
Pyrene
Concen: 4.094 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

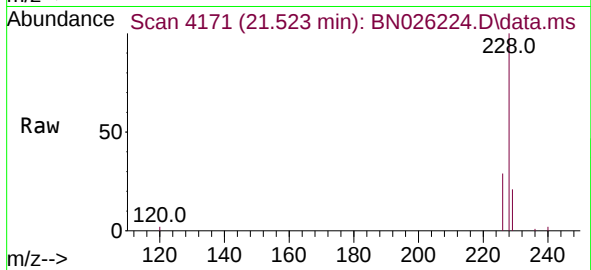
Tgt Ion:202 Resp: 532386
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.4 9.1 13.7



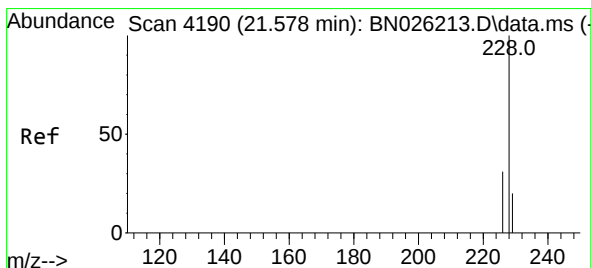
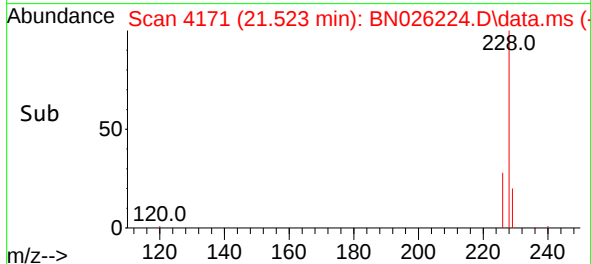
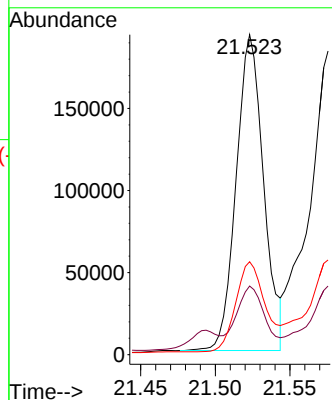


#21
Benzo(a)anthracene
Concen: 2.548 ng/ul
RT: 21.523 min Scan# 4171
Delta R.T. -0.004 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

Instrument :
BNA_N
ClientSampleId :

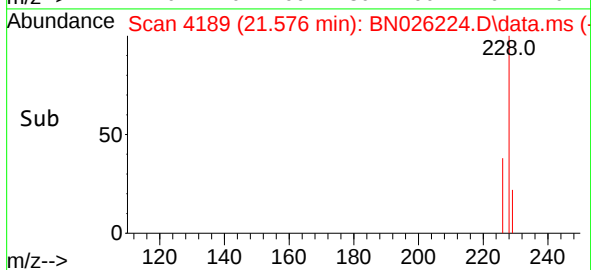
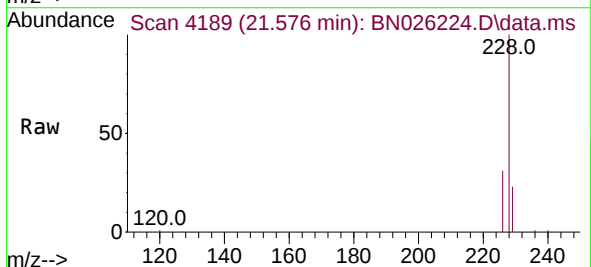
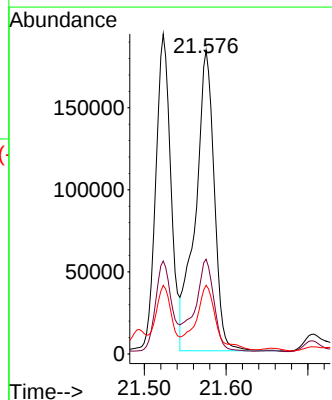


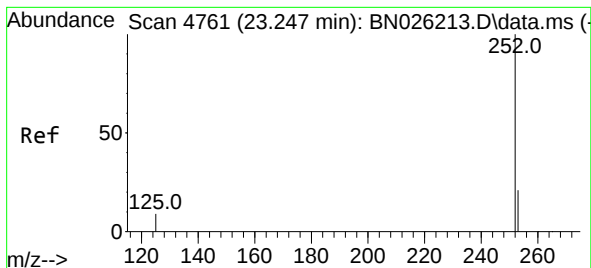
Tgt Ion:228 Resp: 246002
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 29.1 22.5 33.7



#22
Chrysene
Concen: 2.904 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

Tgt Ion:228 Resp: 291791
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.6 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 5.418 ng/ul

RT: 23.256 min Scan# 41

Delta R.T. 0.014 min

Lab File: BN026224.D

Acq: 03 Jul 2023 13:45

Instrument :

BNA_N

ClientSampleId :

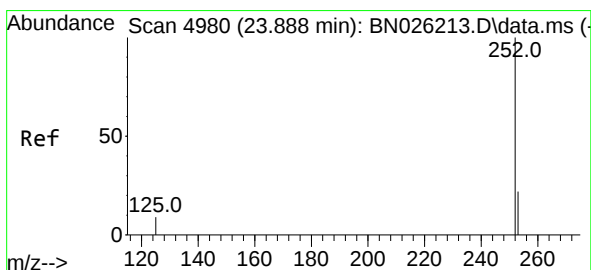
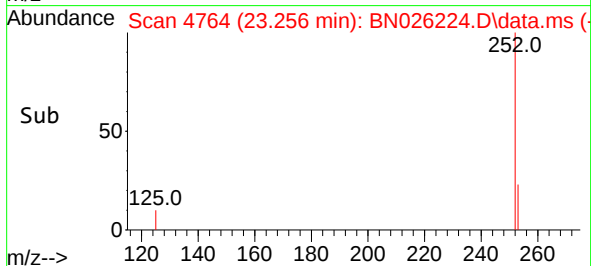
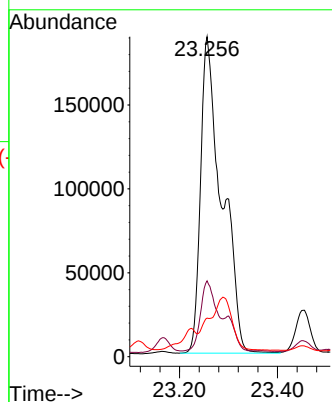
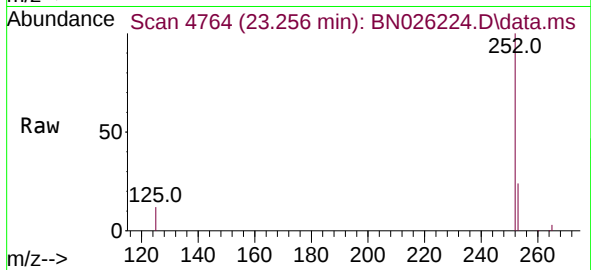
Tgt Ion:252 Resp: 567182

Ion Ratio Lower Upper

252 100

253 23.7 0.0 55.6

125 12.0 0.0 35.8



#26

Benzo(a)pyrene

Concen: 2.922 ng/ul

RT: 23.908 min Scan# 4987

Delta R.T. 0.023 min

Lab File: BN026224.D

Acq: 03 Jul 2023 13:45

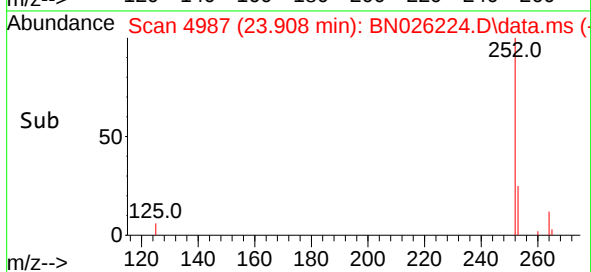
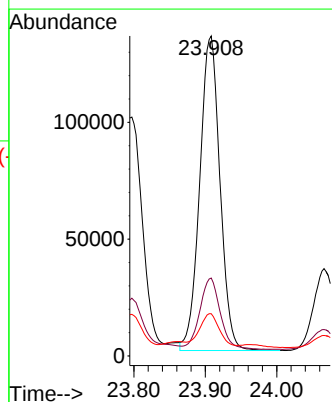
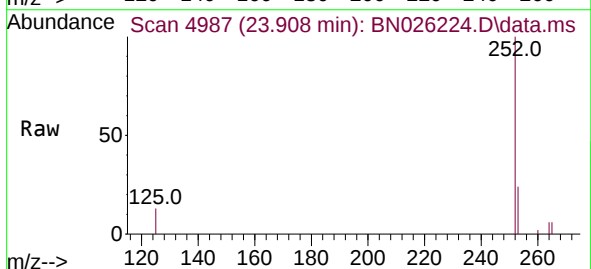
Tgt Ion:252 Resp: 265638

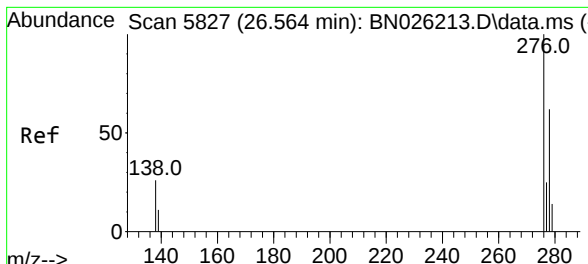
Ion Ratio Lower Upper

252 100

253 24.3 26.0 39.0#

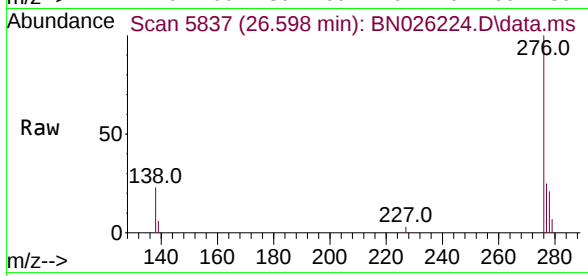
125 13.2 17.3 25.9#



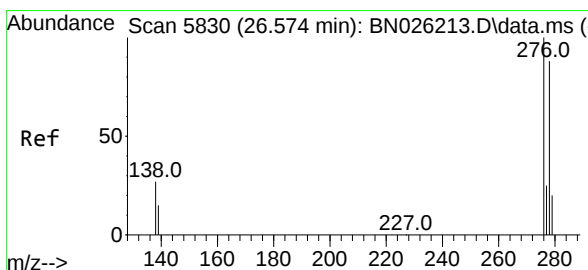
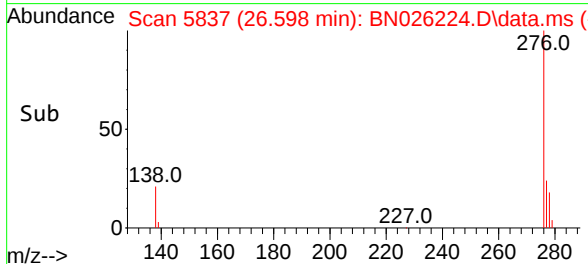
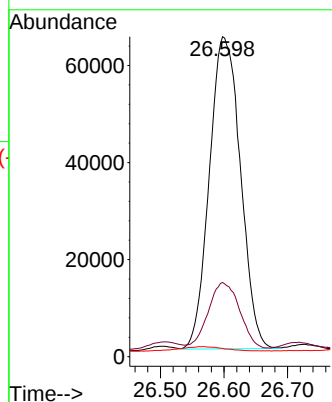


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.200 ng/ul
RT: 26.598 min Scan# 5837
Delta R.T. 0.039 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

Instrument :
BNA_N
ClientSampleId :

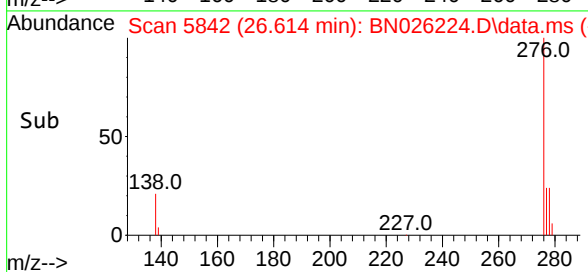
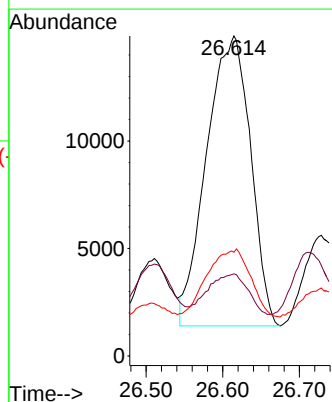
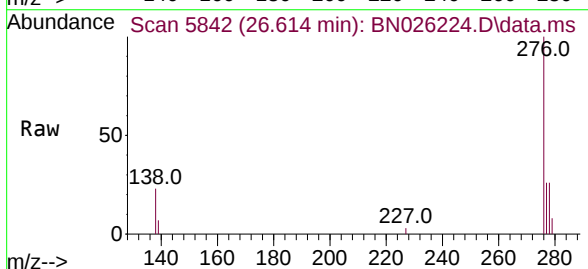


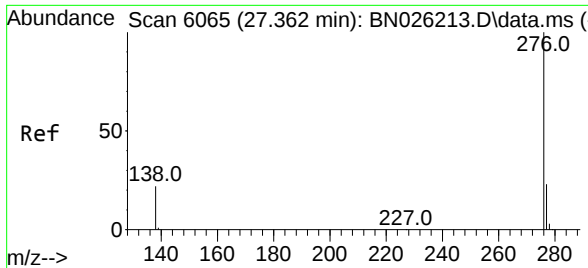
Tgt Ion:276 Resp: 218500
Ion Ratio Lower Upper
276 100
138 21.2 24.5 36.7#
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.716 ng/ul
RT: 26.614 min Scan# 5842
Delta R.T. 0.036 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

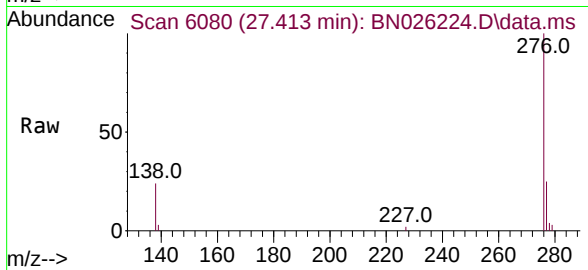
Tgt Ion:278 Resp: 53845
Ion Ratio Lower Upper
278 100
139 25.6 19.0 28.4
279 32.4 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 2.297 ng/ul
 RT: 27.413 min Scan# 6080
 Delta R.T. 0.066 min
 Lab File: BN026224.D
 Acq: 03 Jul 2023 13:45

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	202930
Ion Ratio	Lower	Upper	
276	100		
138	24.2	23.4	35.0
277	25.0	20.0	30.0

