

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026005.D
 Acq On : 24 Jun 2023 14:23
 Operator : MA/JU
 Sample : 03085-19DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ8DL

Quant Time: Jun 24 23:49:40 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

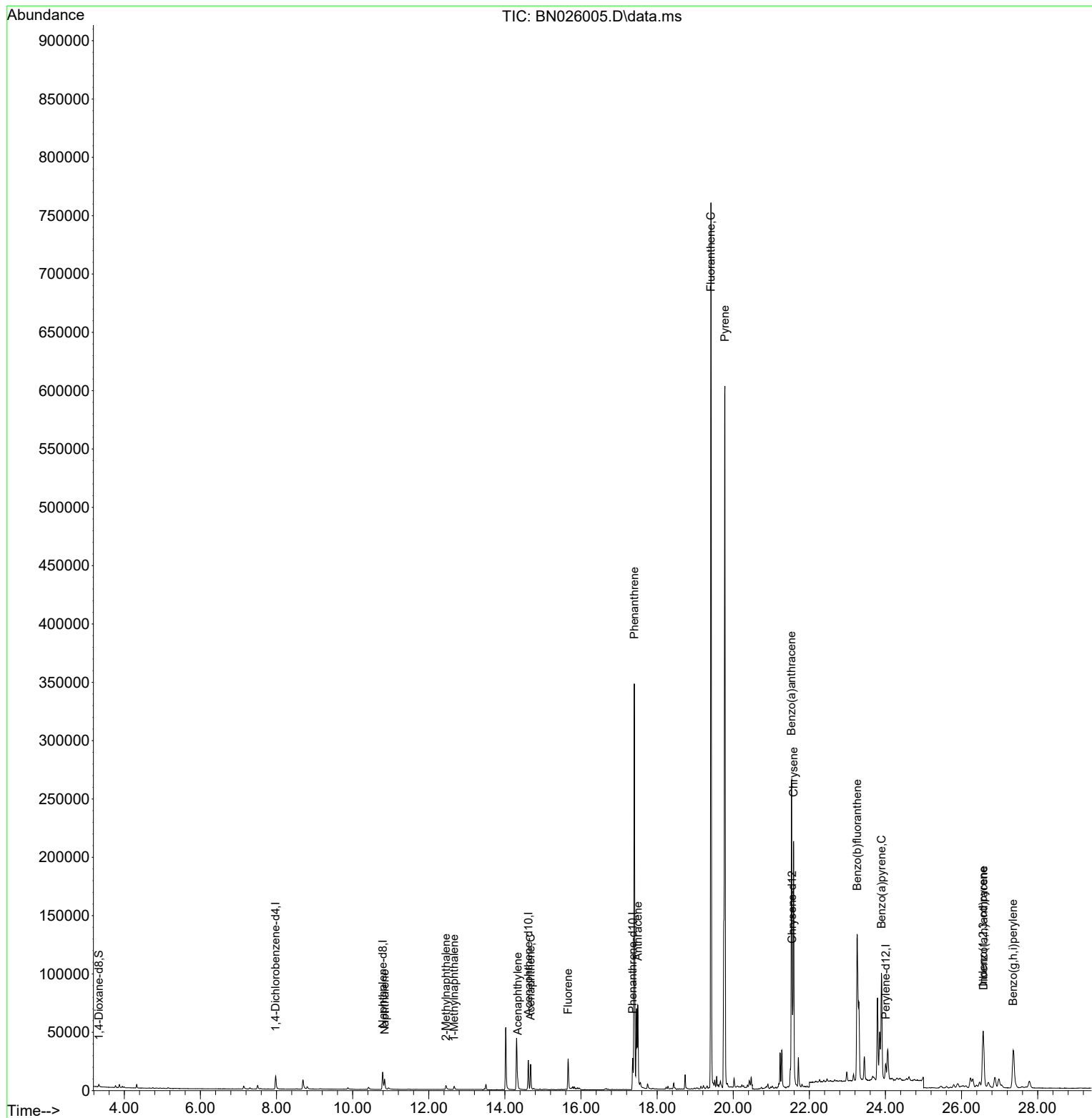
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	7423	0.400	ng/ul	0.00
4) Naphthalene-d8	10.791	136	24081	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	14721	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	32794	0.400	ng/ul	0.00
17) Chrysene-d12	21.548	240	24183	0.400	ng/ul	0.00
23) Perylene-d12	24.007	264	19974	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	1587	0.190	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.380	152	424	0.011	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	1066	0.012	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	13499	0.196	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	3145	0.072	ng/ul	99
8) 1-Methylnaphthalene	12.666	142	2171	0.048	ng/ul	99
10) Acenaphthylene	14.338	152	8549	0.124	ng/ul	97
11) Acenaphthene	14.676	153	13412	0.238	ng/ul	99
12) Fluorene	15.661	166	19284	0.298	ng/ul	100
15) Phenanthrene	17.401	178	383126	3.537	ng/ul	99
16) Anthracene	17.494	178	87811	0.912	ng/ul	99
19) Fluoranthene	19.413	202	685768	5.309	ng/ul	99
20) Pyrene	19.781	202	526704	3.920	ng/ul	95
21) Benzo(a)anthracene	21.531	228	236833	2.374	ng/ul	99
22) Chrysene	21.586	228	218025	2.100	ng/ul	98
24) Benzo(b)fluoranthene	23.258	252	318718	3.739	ng/ul	91
26) Benzo(a)pyrene	23.896	252	139376	1.882	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.567	276	87137	1.077	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.573	278	21149	0.346	ng/ul	99
29) Benzo(g,h,i)perylene	27.358	276	78323	1.089	ng/ul	96

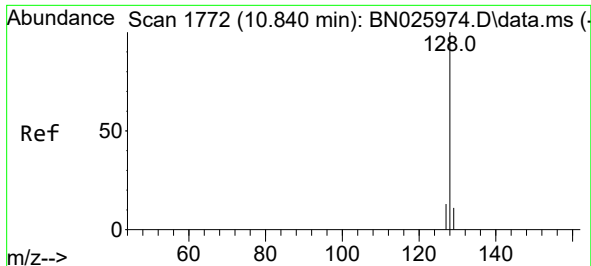
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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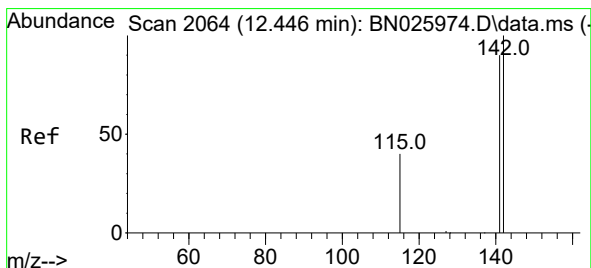
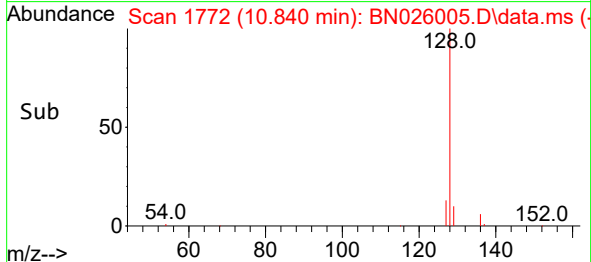
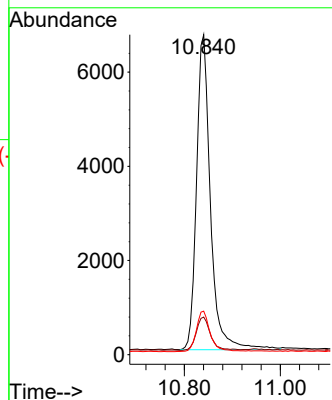
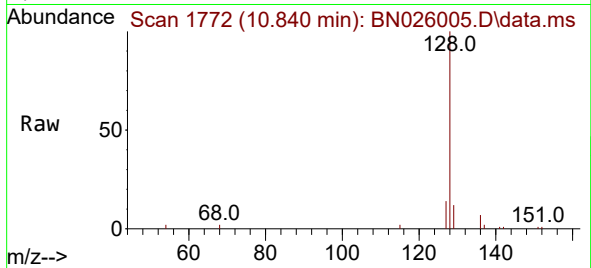




#5
Naphthalene
Concen: 0.196 ng/ul
RT: 10.840 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN026005.D
Acq: 24 Jun 2023 14:23

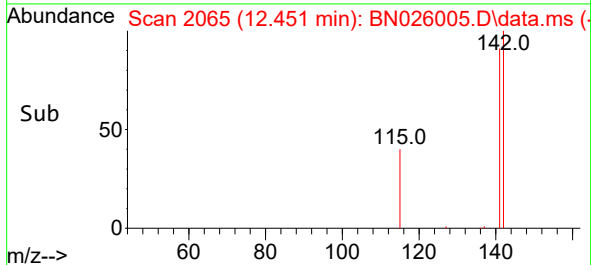
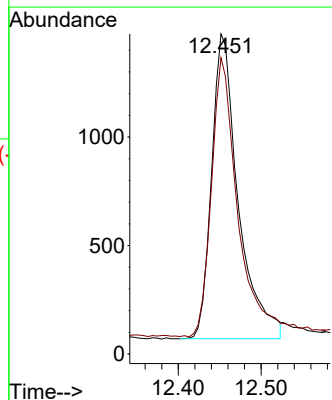
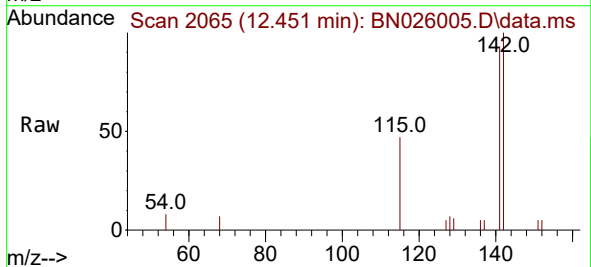
Instrument :
BNA_N
ClientSampleId :
DCFQ8DL

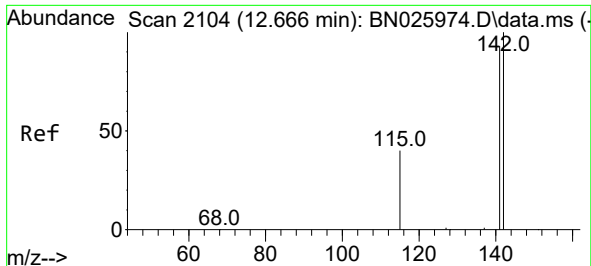
Tgt Ion:128 Resp: 13499
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.6 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.002 min
Lab File: BN026005.D
Acq: 24 Jun 2023 14:23

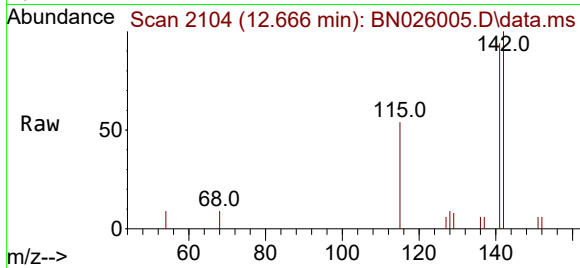
Tgt Ion:142 Resp: 3145
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9



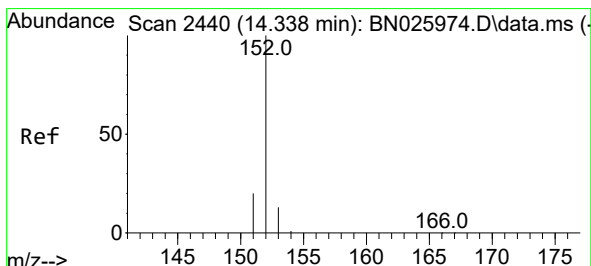
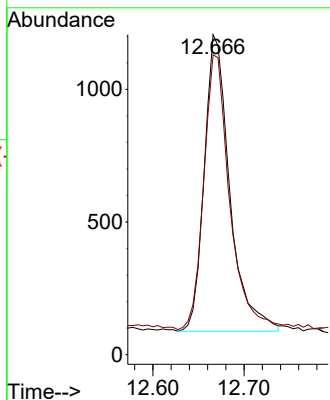
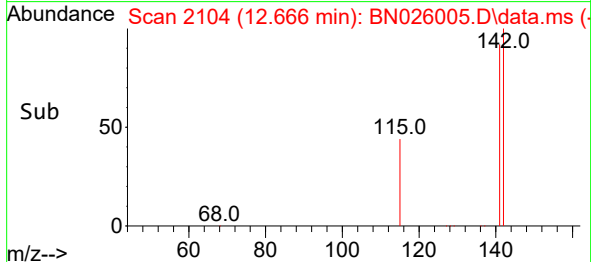


#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.666 min Scan# 2104
Delta R.T. -0.007 min
Lab File: BN026005.D
Acq: 24 Jun 2023 14:23

Instrument :
BNA_N
ClientSampleId :
DCFQ8DL

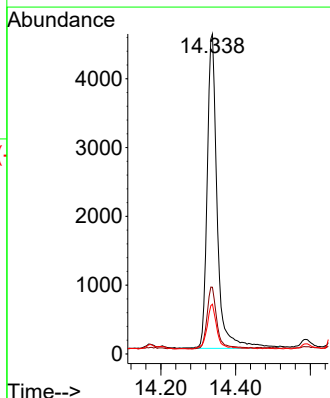
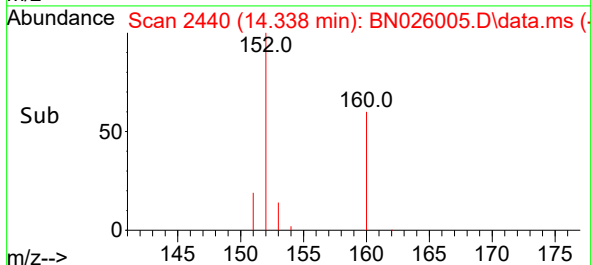
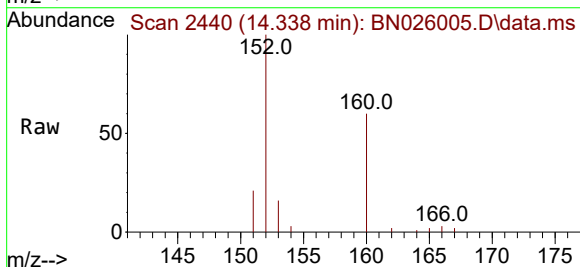


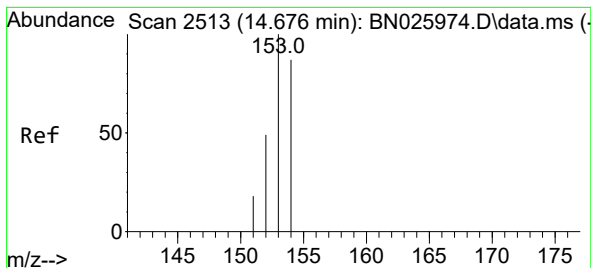
Tgt Ion:142 Resp: 2171
Ion Ratio Lower Upper
142 100
141 94.2 74.2 111.4



#10
Acenaphthylene
Concen: 0.124 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN026005.D
Acq: 24 Jun 2023 14:23

Tgt Ion:152 Resp: 8549
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 15.6 10.9 16.3





#11

Acenaphthene

Concen: 0.238 ng/ul

RT: 14.676 min Scan# 2513

Delta R.T. -0.005 min

Lab File: BN026005.D

Acq: 24 Jun 2023 14:23

Instrument :

BNA_N

ClientSampleId :

DCFQ8DL

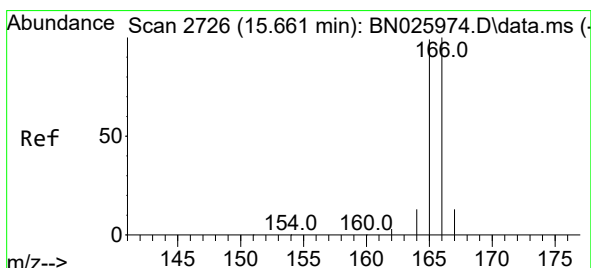
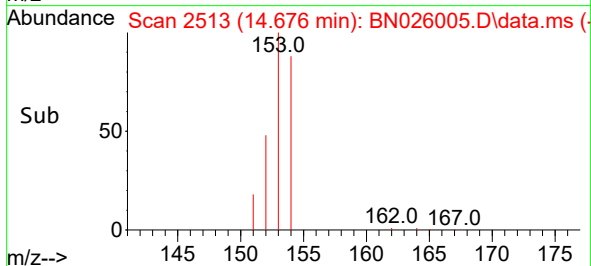
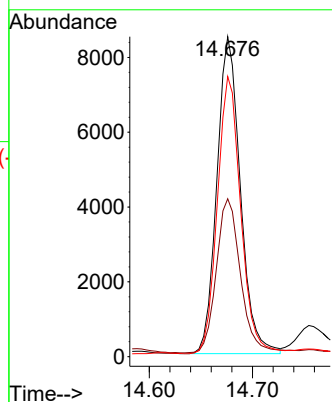
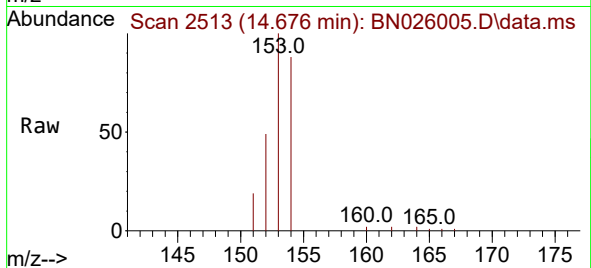
Tgt Ion:153 Resp: 13412

Ion Ratio Lower Upper

153 100

152 49.3 39.4 59.0

154 87.6 68.9 103.3



#12

Fluorene

Concen: 0.298 ng/ul

RT: 15.661 min Scan# 2726

Delta R.T. -0.005 min

Lab File: BN026005.D

Acq: 24 Jun 2023 14:23

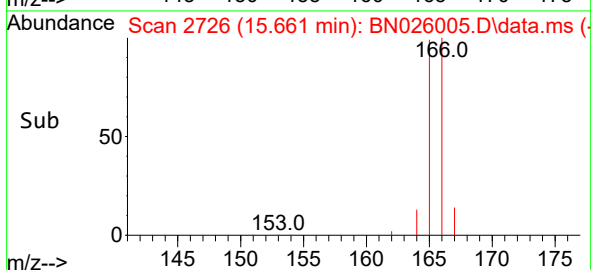
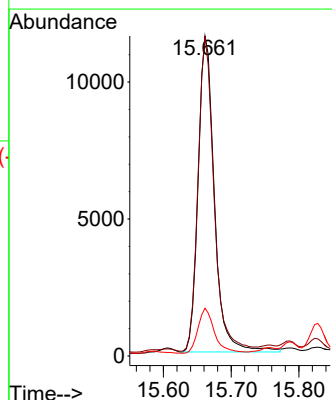
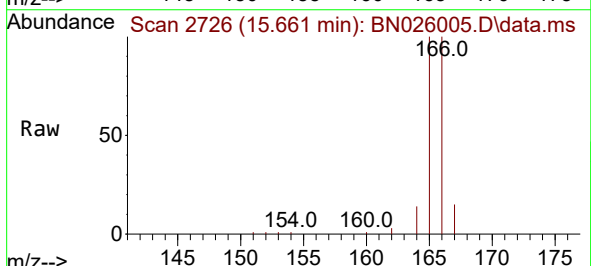
Tgt Ion:166 Resp: 19284

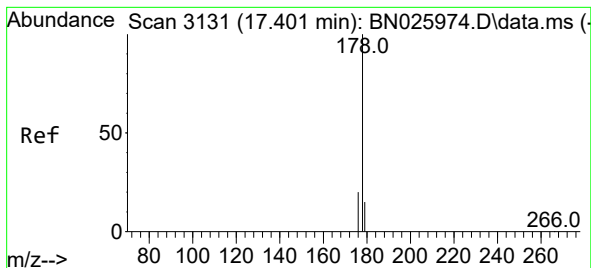
Ion Ratio Lower Upper

166 100

165 99.9 79.9 119.9

167 14.9 10.8 16.2





#15

Phenanthrene

Concen: 3.537 ng/ul

RT: 17.401 min Scan# 3131

Delta R.T. -0.005 min

Lab File: BN026005.D

Acq: 24 Jun 2023 14:23

Instrument :

BNA_N

ClientSampleId :

DCFQ8DL

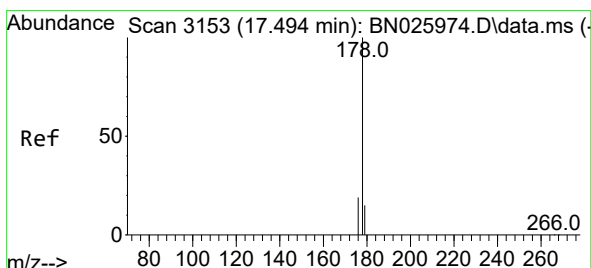
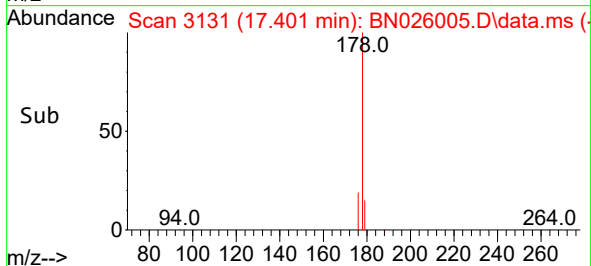
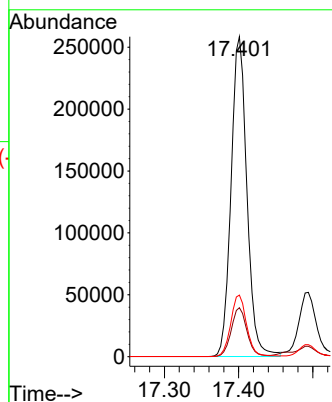
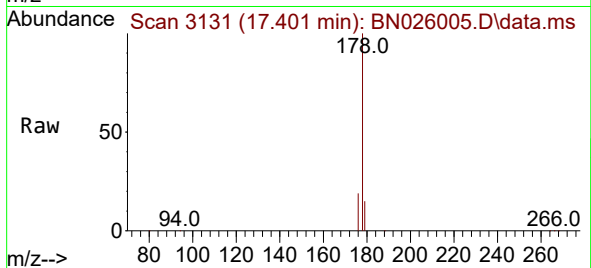
Tgt Ion:178 Resp: 383126

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

176 19.3 15.8 23.6



#16

Anthracene

Concen: 0.912 ng/ul

RT: 17.494 min Scan# 3153

Delta R.T. -0.005 min

Lab File: BN026005.D

Acq: 24 Jun 2023 14:23

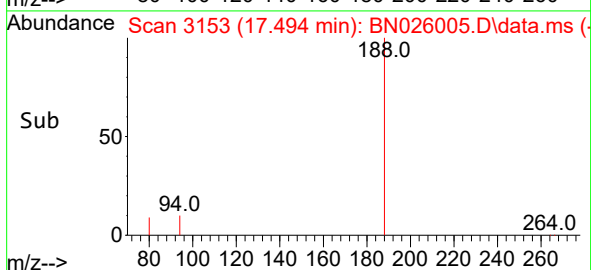
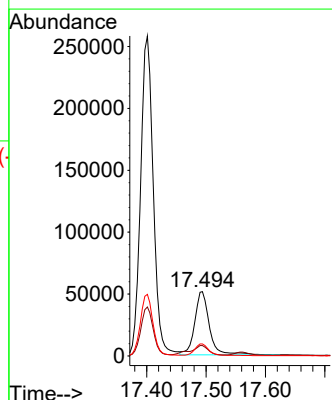
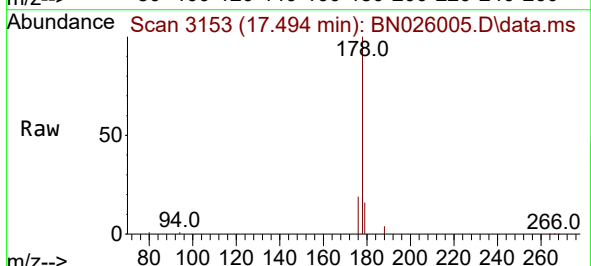
Tgt Ion:178 Resp: 87811

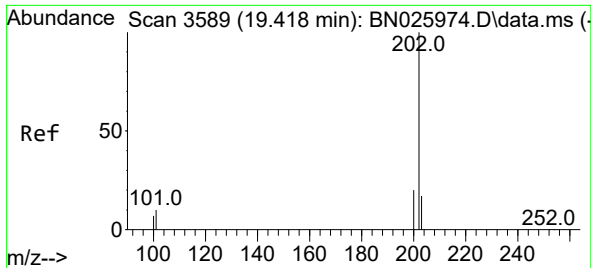
Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

176 18.7 15.1 22.7

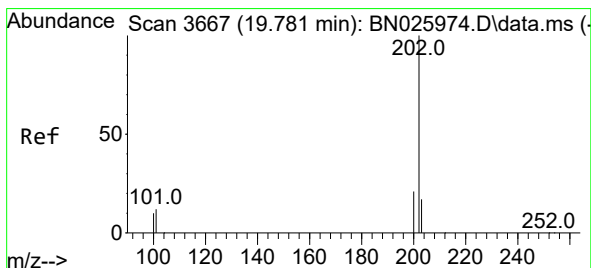
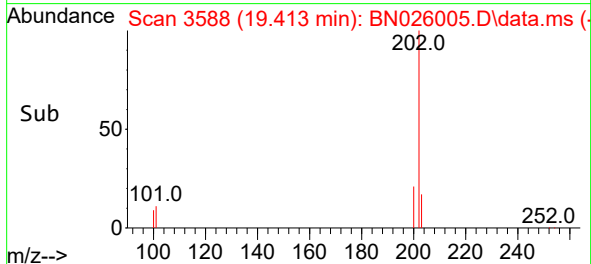
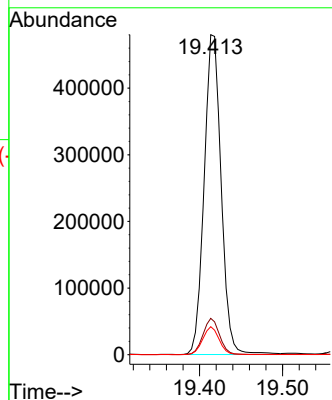
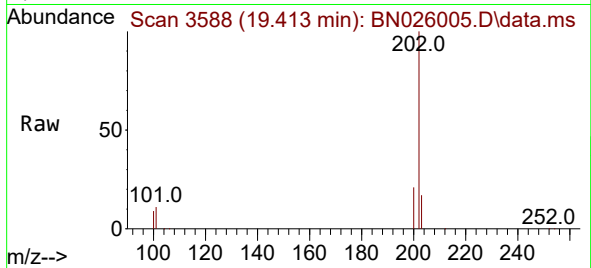




#19
Fluoranthene
Concen: 5.309 ng/ul
RT: 19.413 min Scan# 3588
Delta R.T. -0.006 min
Lab File: BN026005.D
Acq: 24 Jun 2023 14:23

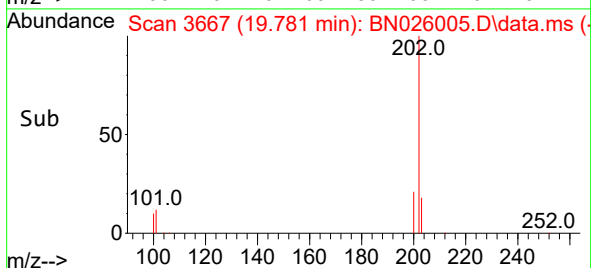
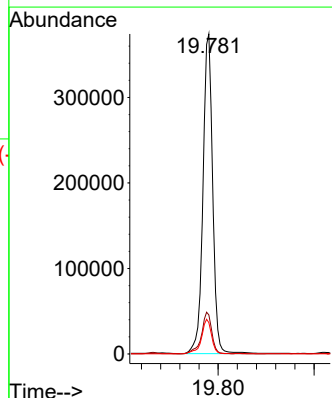
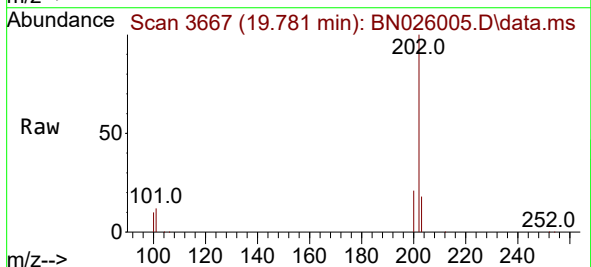
Instrument :
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DCFQ8DL

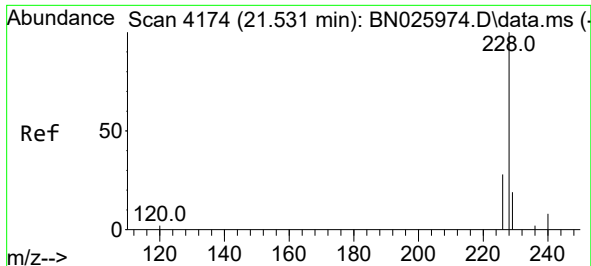
Tgt Ion:202 Resp: 685768
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.7 7.3 10.9



#20
Pyrene
Concen: 3.920 ng/ul
RT: 19.781 min Scan# 3667
Delta R.T. -0.001 min
Lab File: BN026005.D
Acq: 24 Jun 2023 14:23

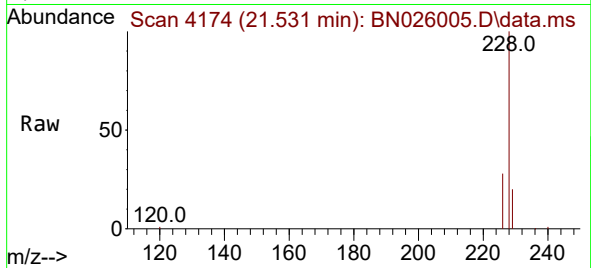
Tgt Ion:202 Resp: 526704
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 9.8 9.1 13.7



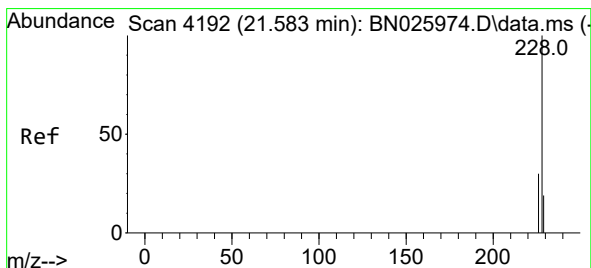
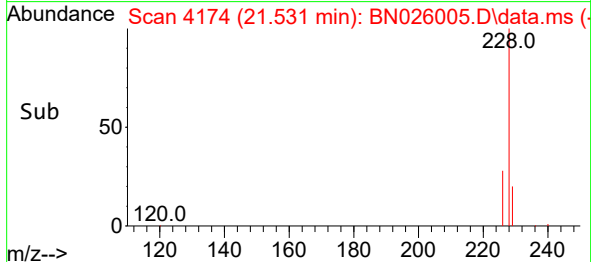
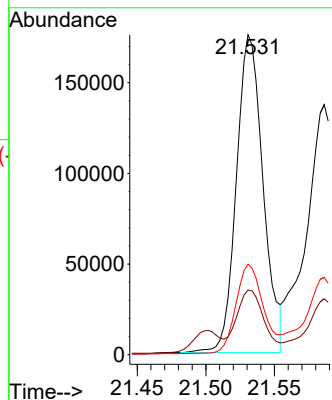


#21
Benzo(a)anthracene
Concen: 2.374 ng/ul
RT: 21.531 min Scan# 4174
Delta R.T. -0.001 min
Lab File: BN026005.D
Acq: 24 Jun 2023 14:23

Instrument :
BNA_N
ClientSampleId :
DCFQ8DL

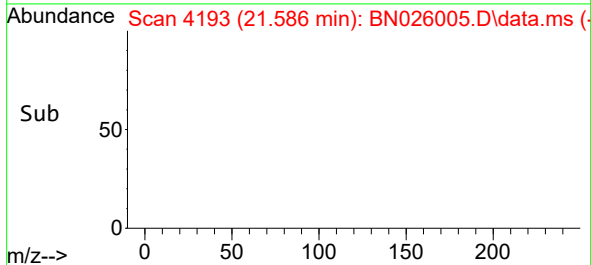
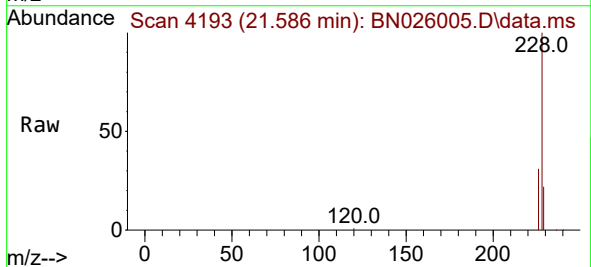
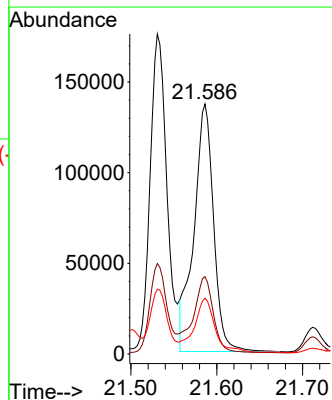


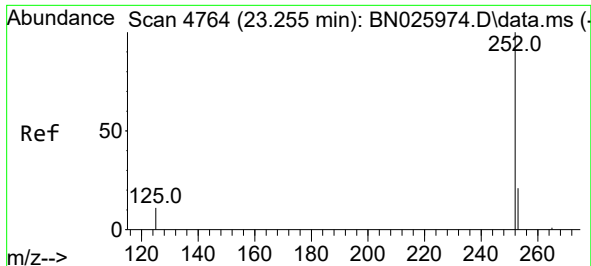
Tgt Ion:228 Resp: 236833
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 28.2 22.5 33.7



#22
Chrysene
Concen: 2.100 ng/ul
RT: 21.586 min Scan# 4193
Delta R.T. 0.002 min
Lab File: BN026005.D
Acq: 24 Jun 2023 14:23

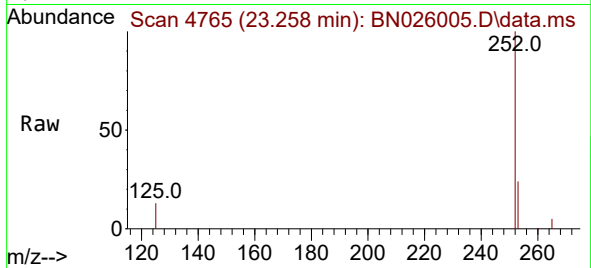
Tgt Ion:228 Resp: 218025
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.3 15.7 23.5



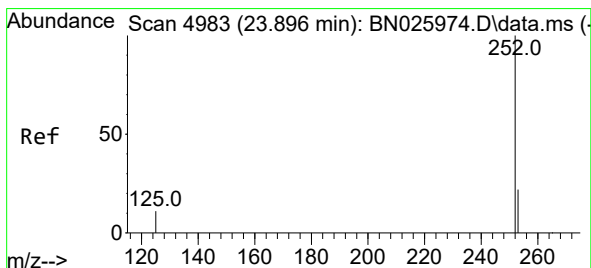
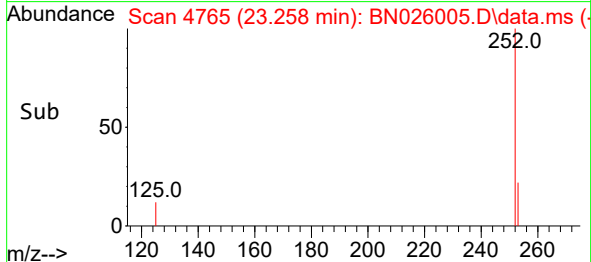
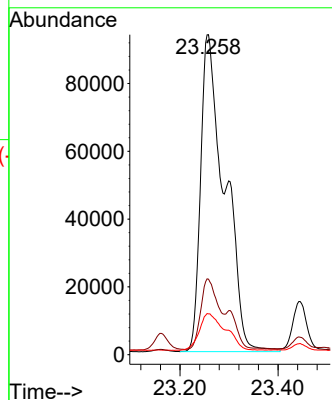


#24
Benzo(b)fluoranthene
Concen: 3.739 ng/ul
RT: 23.258 min Scan# 4765
Delta R.T. 0.002 min
Lab File: BN026005.D
Acq: 24 Jun 2023 14:23

Instrument :
BNA_N
ClientSampleId :
DCFQ8DL

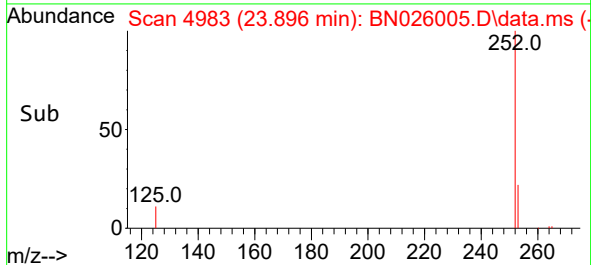
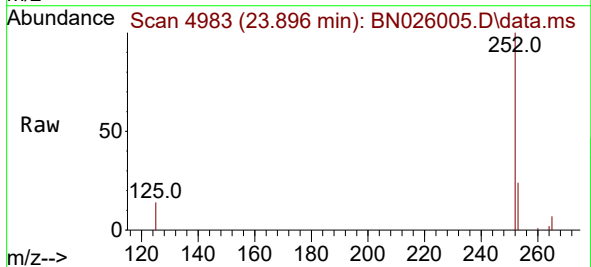
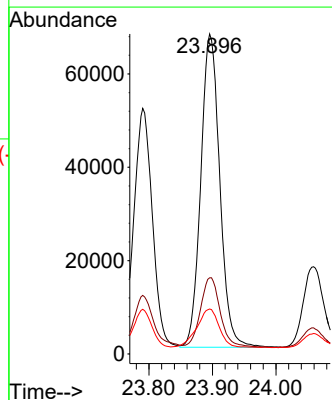


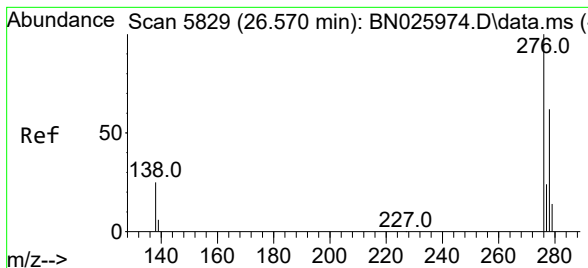
Tgt Ion:252 Resp: 318718
Ion Ratio Lower Upper
252 100
253 23.6 0.0 55.6
125 12.8 0.0 35.8



#26
Benzo(a)pyrene
Concen: 1.882 ng/ul
RT: 23.896 min Scan# 4983
Delta R.T. -0.013 min
Lab File: BN026005.D
Acq: 24 Jun 2023 14:23

Tgt Ion:252 Resp: 139376
Ion Ratio Lower Upper
252 100
253 23.8 26.0 39.0#
125 14.0 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.077 ng/ul

RT: 26.567 min Scan# 5828

Delta R.T. -0.028 min

Lab File: BN026005.D

Acq: 24 Jun 2023 14:23

Instrument :

BNA_N

ClientSampleId :

DCFQ8DL

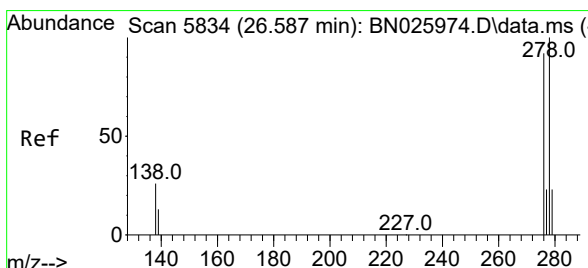
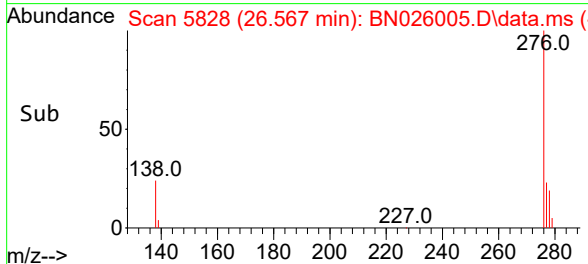
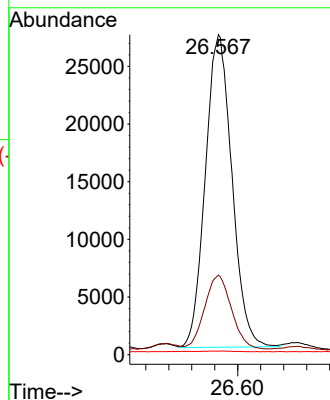
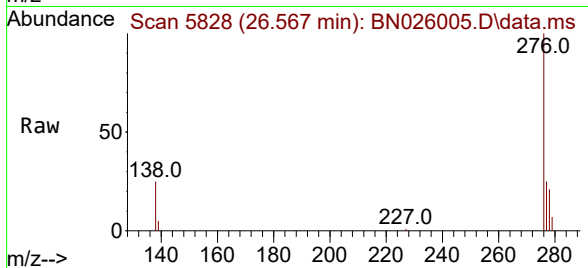
Tgt Ion:276 Resp: 87137

Ion Ratio Lower Upper

276 100

138 24.2 24.5 36.7#

227 0.2 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.346 ng/ul

RT: 26.573 min Scan# 5830

Delta R.T. -0.048 min

Lab File: BN026005.D

Acq: 24 Jun 2023 14:23

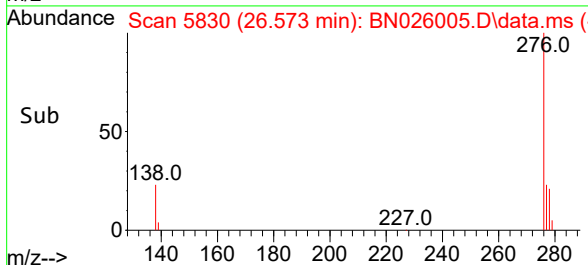
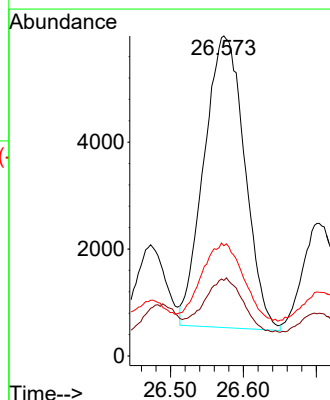
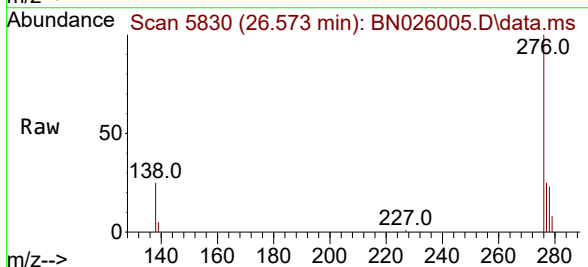
Tgt Ion:278 Resp: 21149

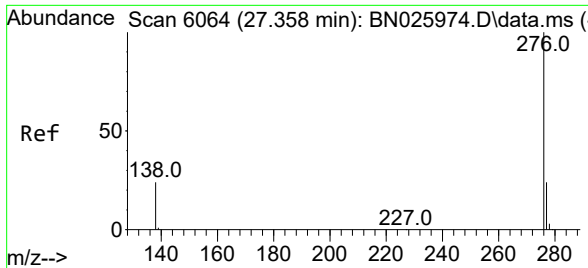
Ion Ratio Lower Upper

278 100

139 23.6 19.0 28.4

279 34.5 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 1.089 ng/ul
 RT: 27.358 min Scan# 6064
 Delta R.T. -0.028 min
 Lab File: BN026005.D
 Acq: 24 Jun 2023 14:23

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ8DL

Tgt Ion:	276	Resp:	78323
Ion	Ratio	Lower	Upper
276	100		
138	25.7	23.4	35.0
277	24.5	20.0	30.0

