

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026125.D
 Acq On : 30 Jun 2023 11:30
 Operator : MA/JU
 Sample : 03239-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFZ1

Quant Time: Jul 01 00:54:40 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

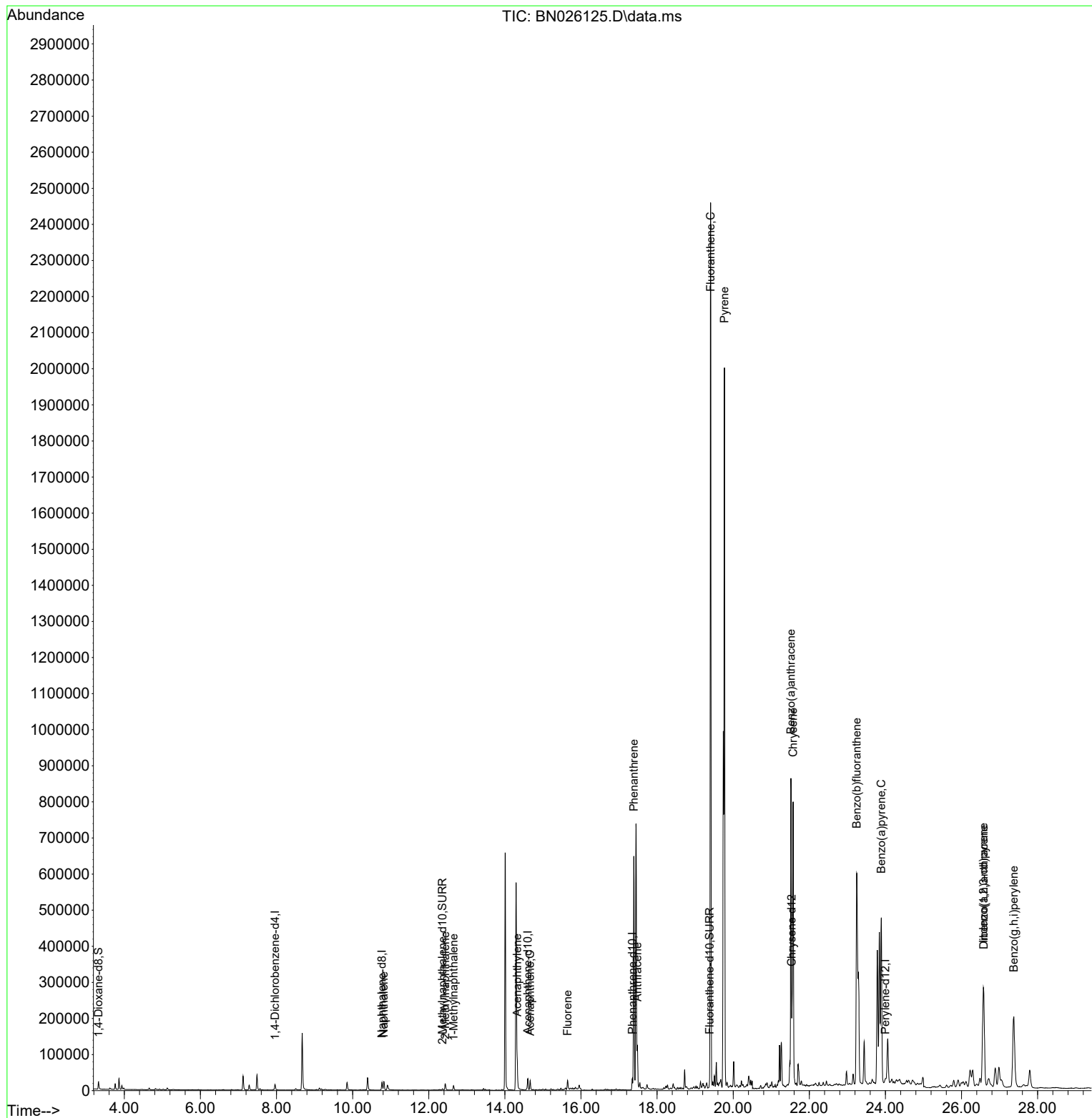
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	9151	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.770	136	29790	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.603	164	17989	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	37667	0.400	ng/ul	-0.01
17) Chrysene-d12	21.535	240	20063	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	20971	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	13806	1.340	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	4818	0.105	ng/ul	-0.01
18) Fluoranthene-d10	19.378	212	10374	0.136	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.820	128	35271	0.413	ng/ul	99
7) 2-Methylnaphthalene	12.431	142	14087	0.259	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	8914	0.158	ng/ul	99
10) Acenaphthylene	14.326	152	90243	1.071	ng/ul	99
11) Acenaphthene	14.663	153	15964	0.232	ng/ul	99
12) Fluorene	15.649	166	17826	0.226	ng/ul#	98
15) Phenanthrene	17.390	178	711225	5.716	ng/ul	99
16) Anthracene	17.483	178	120386	1.089	ng/ul	100
19) Fluoranthene	19.406	202	2107020	19.662	ng/ul	97
20) Pyrene	19.768	202	1681243	15.084	ng/ul	96
21) Benzo(a)anthracene	21.518	228	761230	9.197	ng/ul	97
22) Chrysene	21.573	228	865365	10.048	ng/ul	98
24) Benzo(b)fluoranthene	23.245	252	1510874	16.880	ng/ul	89
26) Benzo(a)pyrene	23.892	252	691151	8.890	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.575	276	519418	6.117	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.585	278	129984	2.023	ng/ul	95
29) Benzo(g,h,i)perylene	27.373	276	476365	6.306	ng/ul	94

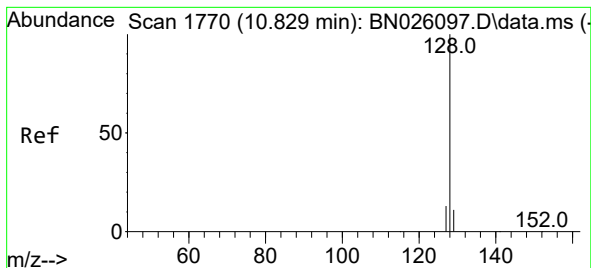
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.413 ng/ul

RT: 10.820 min Scan# 11

Delta R.T. -0.017 min

Lab File: BN026125.D

Acq: 30 Jun 2023 11:30

Instrument :

BNA_N

ClientSampleId :

DCFZ1

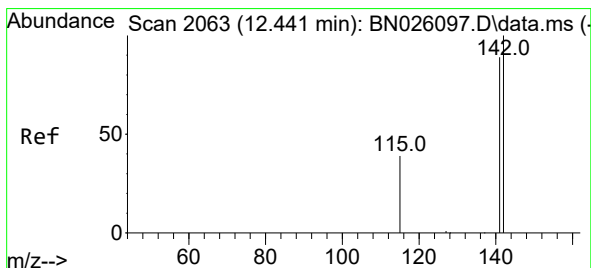
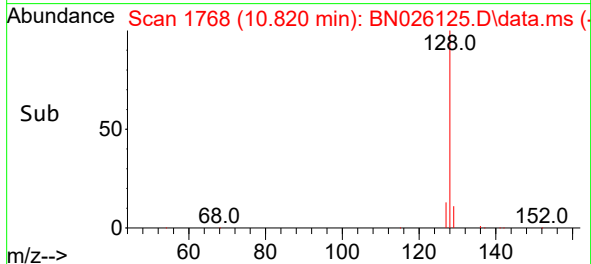
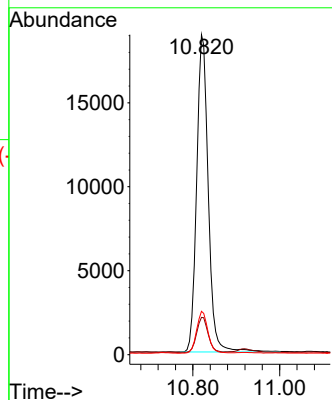
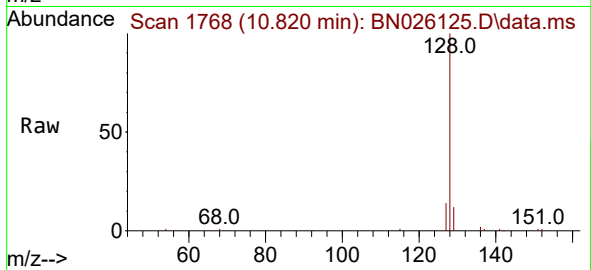
Tgt Ion:128 Resp: 35271

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

127 13.6 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.259 ng/ul

RT: 12.431 min Scan# 2061

Delta R.T. -0.017 min

Lab File: BN026125.D

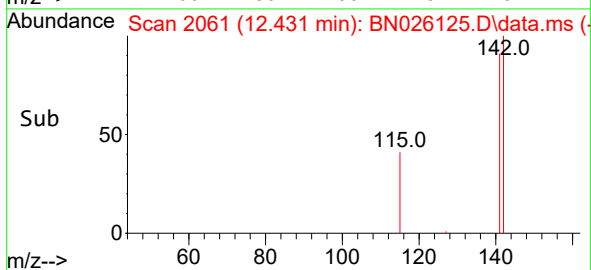
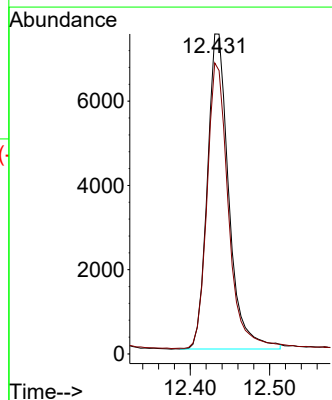
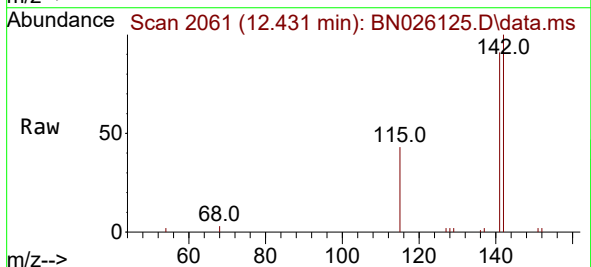
Acq: 30 Jun 2023 11:30

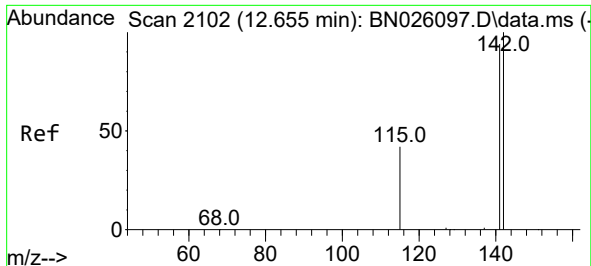
Tgt Ion:142 Resp: 14087

Ion Ratio Lower Upper

142 100

141 89.9 71.9 107.9

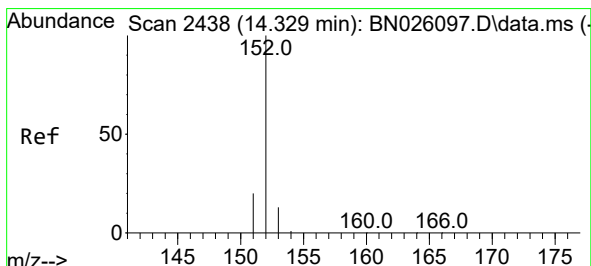
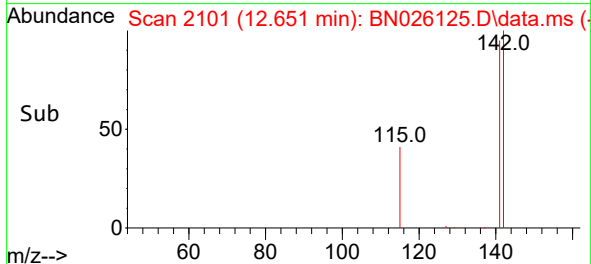
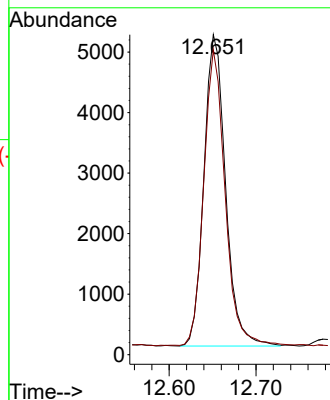
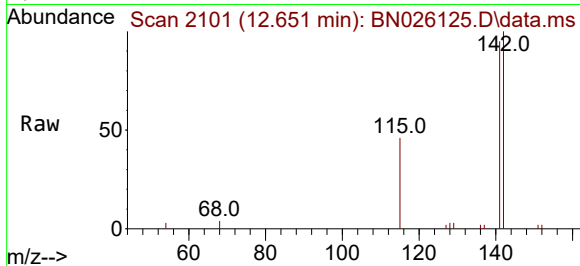




#8
1-Methylnaphthalene
Concen: 0.158 ng/ul
RT: 12.651 min Scan# 2101
Delta R.T. -0.011 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

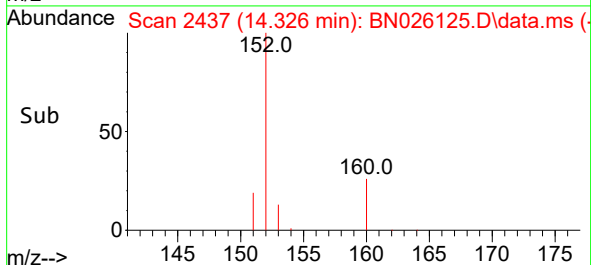
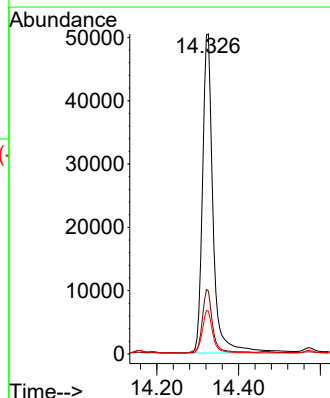
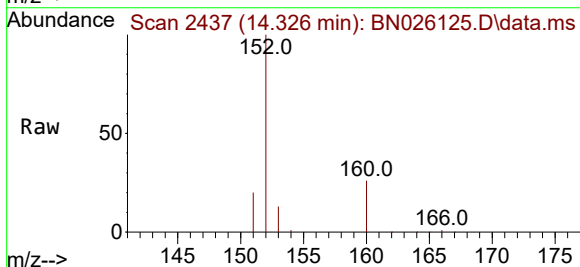
Instrument :
BNA_N
ClientSampleId :
DCFZ1

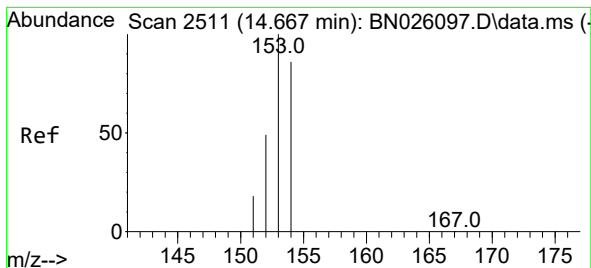
Tgt Ion:142 Resp: 8914
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4



#10
Acenaphthylene
Concen: 1.071 ng/ul
RT: 14.326 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

Tgt Ion:152 Resp: 90243
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.4 10.9 16.3





#11

Acenaphthene

Concen: 0.232 ng/ul

RT: 14.663 min Scan# 21

Delta R.T. -0.008 min

Lab File: BN026125.D

Acq: 30 Jun 2023 11:30

Instrument :

BNA_N

ClientSampleId :

DCFZ1

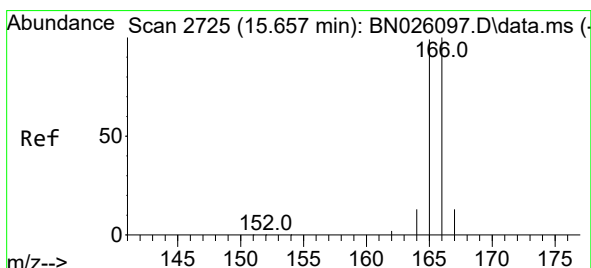
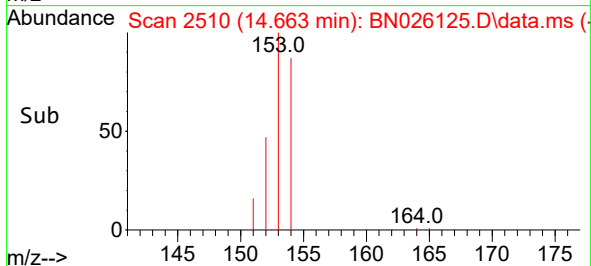
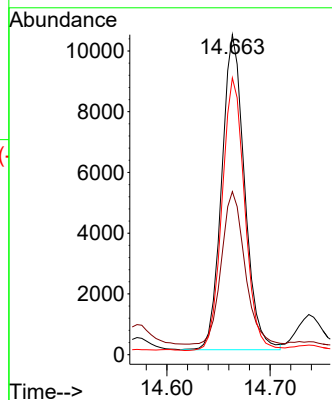
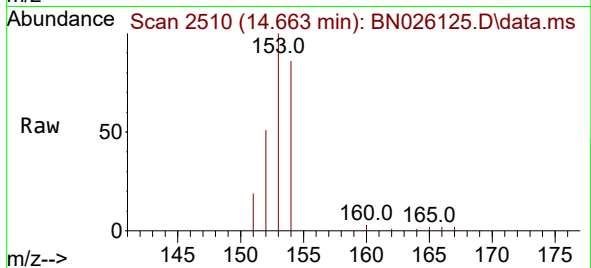
Tgt Ion:153 Resp: 15964

Ion Ratio Lower Upper

153 100

152 51.0 39.4 59.0

154 86.5 68.9 103.3



#12

Fluorene

Concen: 0.226 ng/ul

RT: 15.649 min Scan# 2723

Delta R.T. -0.013 min

Lab File: BN026125.D

Acq: 30 Jun 2023 11:30

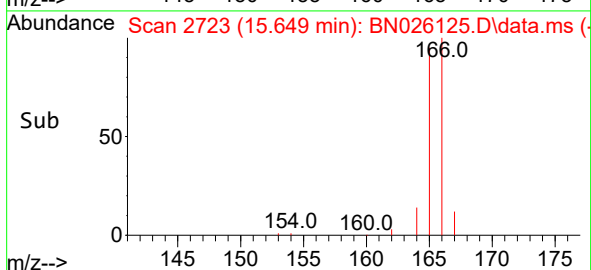
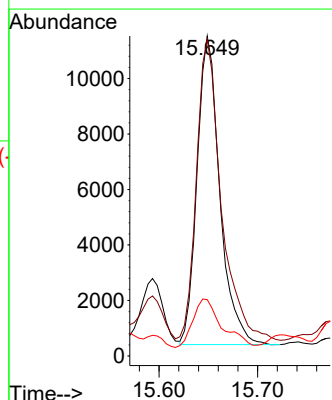
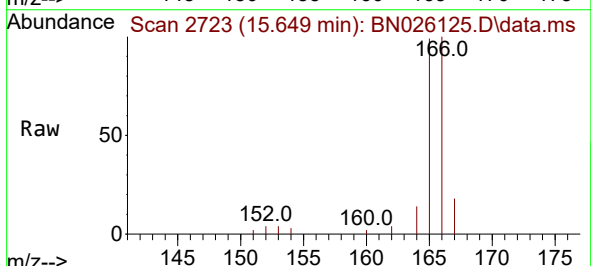
Tgt Ion:166 Resp: 17826

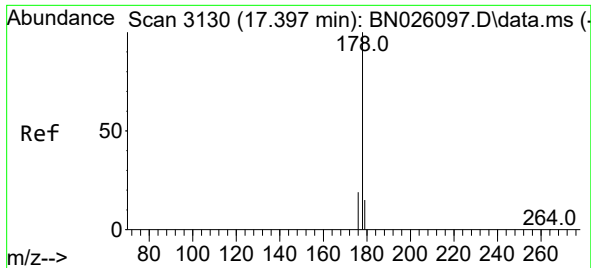
Ion Ratio Lower Upper

166 100

165 98.8 79.9 119.9

167 17.6 10.8 16.2#

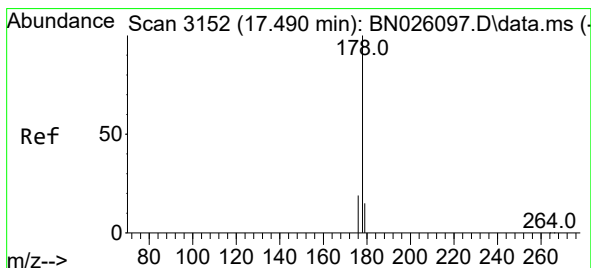
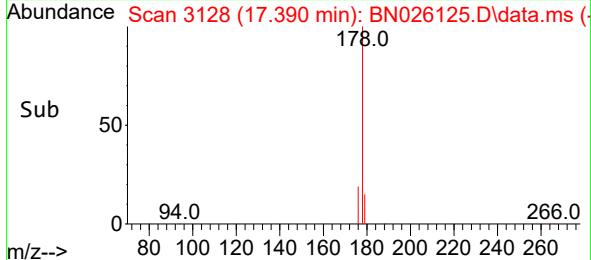
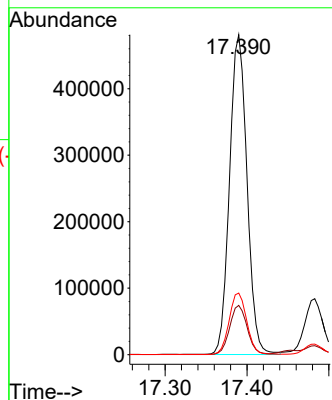
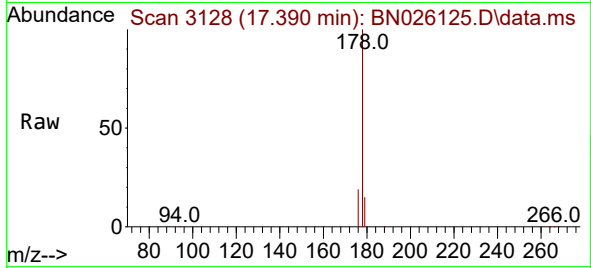




#15
Phenanthrene
Concen: 5.716 ng/ul
RT: 17.390 min Scan# 3130
Delta R.T. -0.012 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

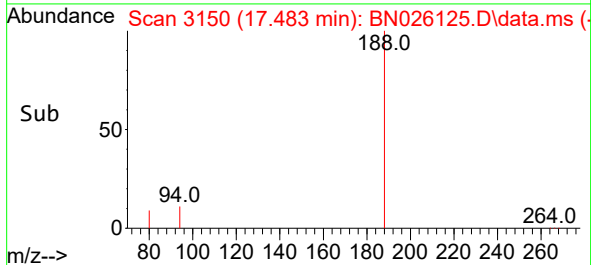
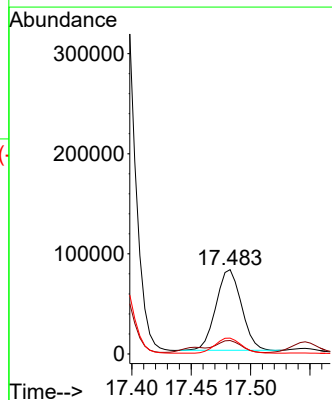
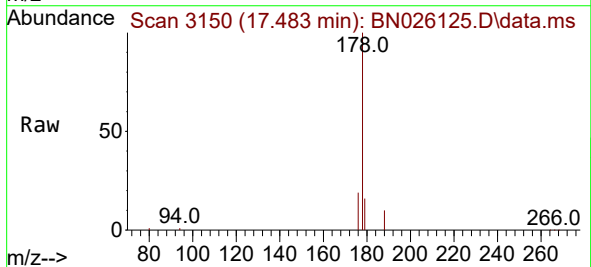
Instrument :
BNA_N
ClientSampleId :
DCFZ1

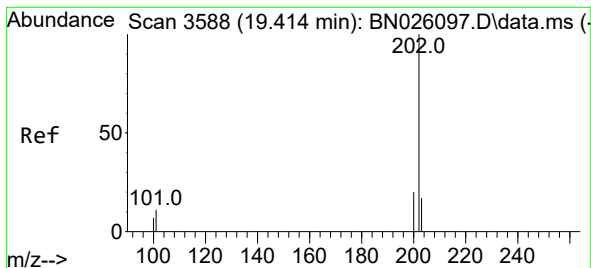
Tgt Ion:178 Resp: 711225
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.3 15.8 23.6



#16
Anthracene
Concen: 1.089 ng/ul
RT: 17.483 min Scan# 3150
Delta R.T. -0.012 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

Tgt Ion:178 Resp: 120386
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 18.8 15.1 22.7





#19

Fluoranthene

Concen: 19.662 ng/ul

RT: 19.406 min Scan# 3588

Delta R.T. -0.008 min

Lab File: BN026125.D

Acq: 30 Jun 2023 11:30

Instrument :

BNA_N

ClientSampleId :

DCFZ1

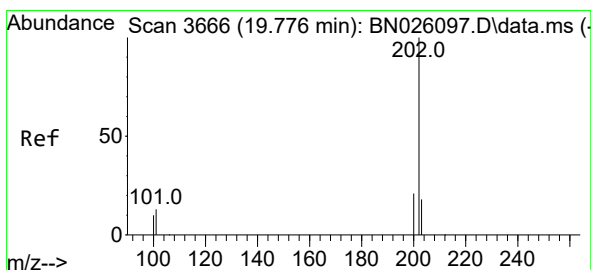
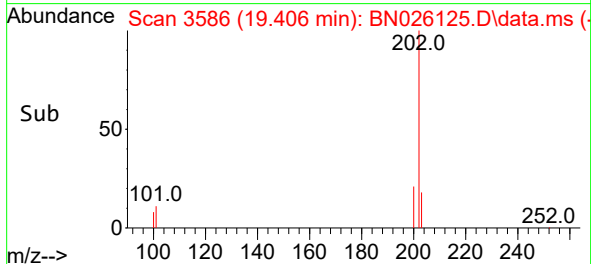
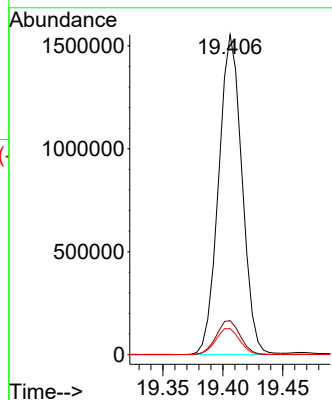
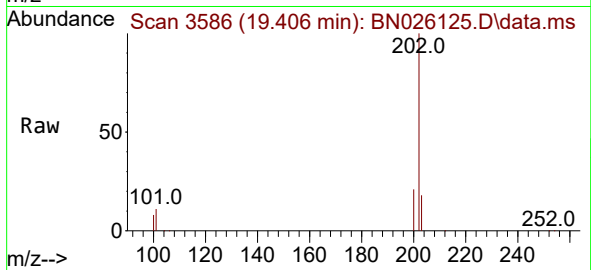
Tgt Ion:202 Resp: 2107020

Ion Ratio Lower Upper

202 100

101 10.7 9.5 14.3

100 8.1 7.3 10.9



#20

Pyrene

Concen: 15.084 ng/ul

RT: 19.768 min Scan# 3664

Delta R.T. -0.008 min

Lab File: BN026125.D

Acq: 30 Jun 2023 11:30

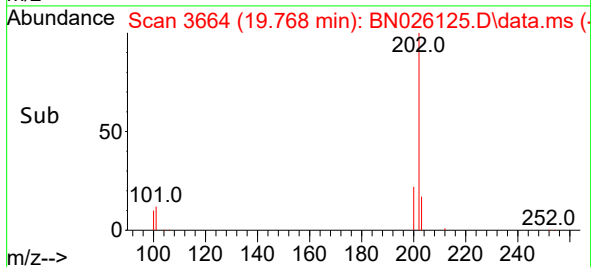
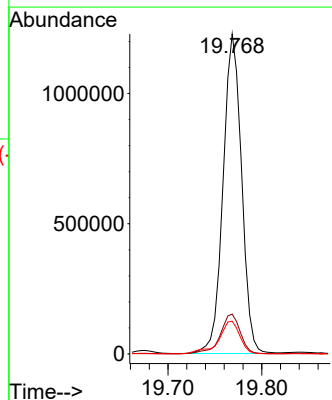
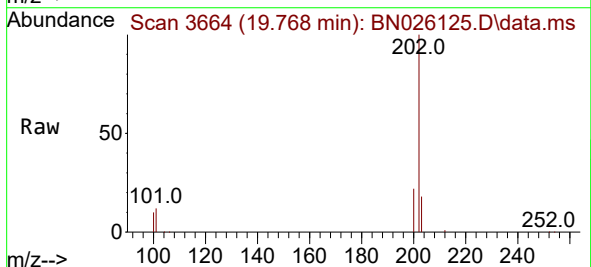
Tgt Ion:202 Resp: 1681243

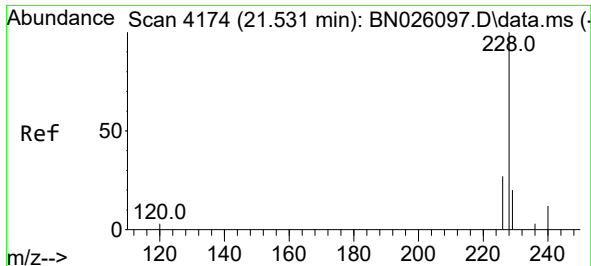
Ion Ratio Lower Upper

202 100

101 12.4 11.4 17.0

100 10.3 9.1 13.7

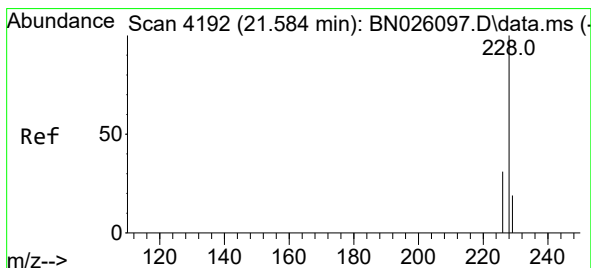
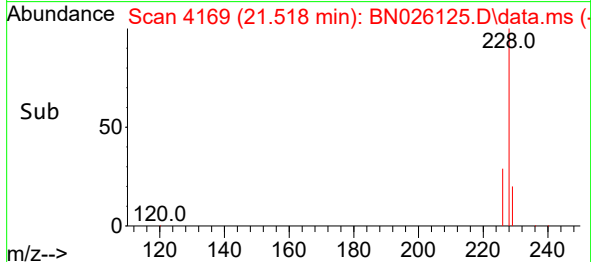
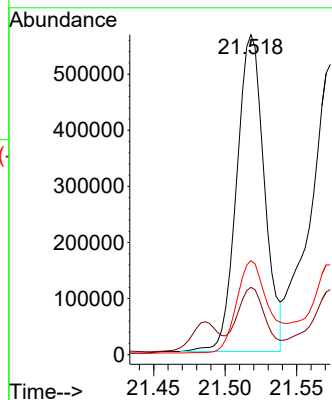
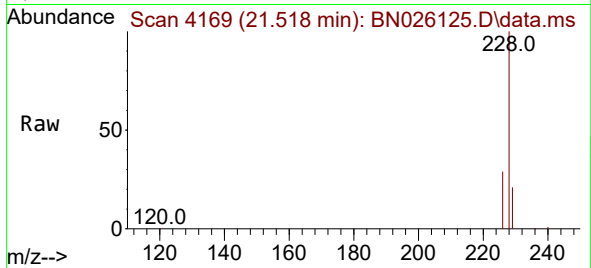




#21
Benzo(a)anthracene
Concen: 9.197 ng/ul
RT: 21.518 min Scan# 4188
Delta R.T. -0.011 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

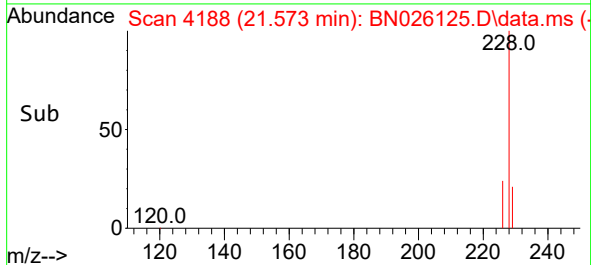
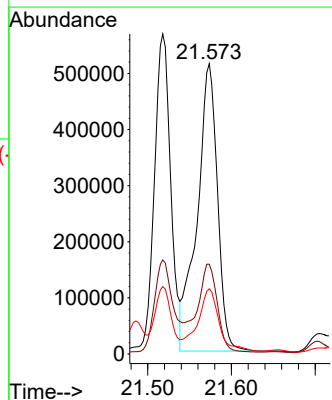
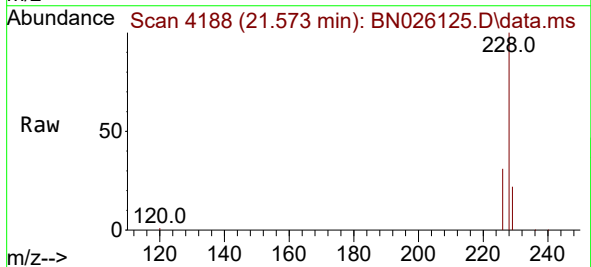
Instrument :
BNA_N
ClientSampleId :
DCFZ1

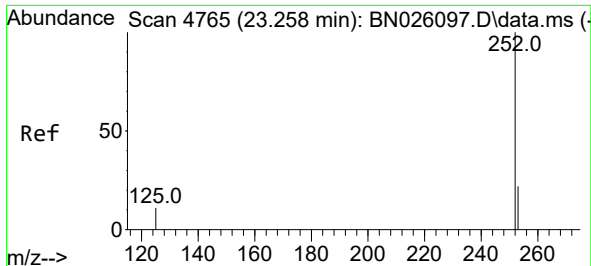
Tgt Ion:228 Resp: 761230
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 29.4 22.5 33.7



#22
Chrysene
Concen: 10.048 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. -0.005 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

Tgt Ion:228 Resp: 865365
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.4 15.7 23.5

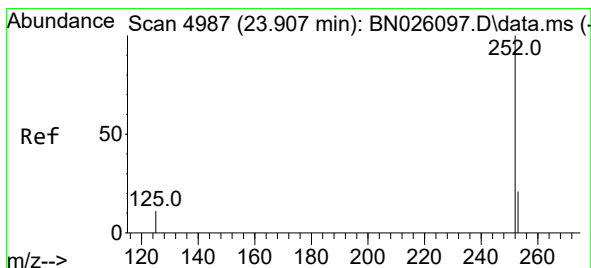
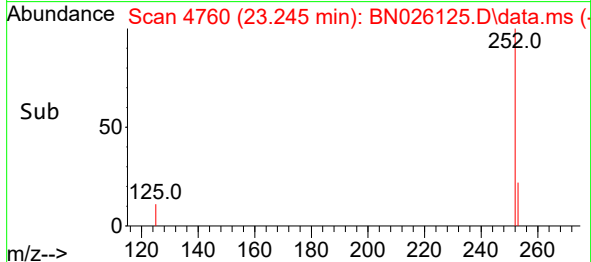
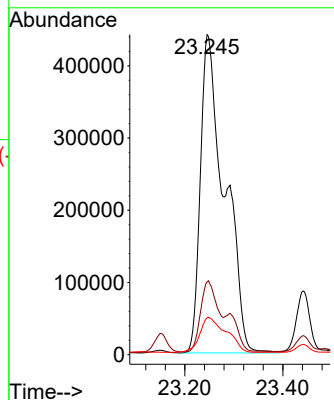
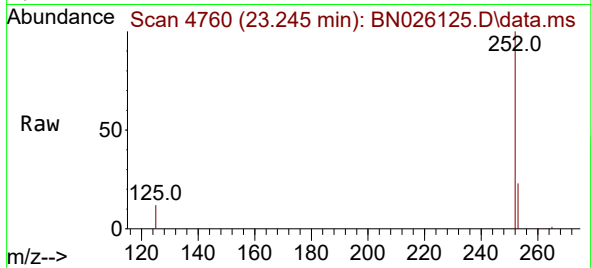




#24
Benzo(b)fluoranthene
Concen: 16.880 ng/ul
RT: 23.245 min Scan# 4765
Delta R.T. -0.008 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

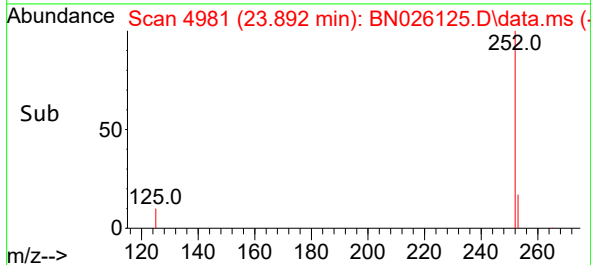
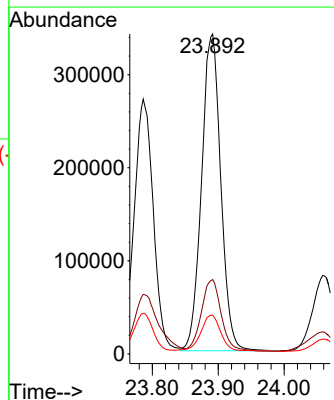
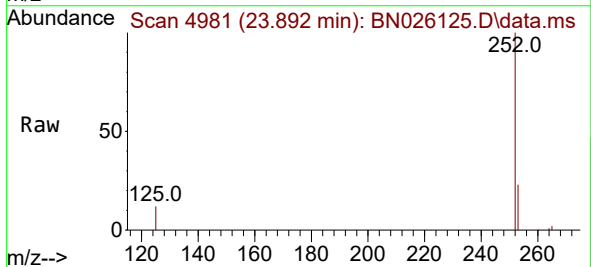
Instrument :
BNA_N
ClientSampleId :
DCFZ1

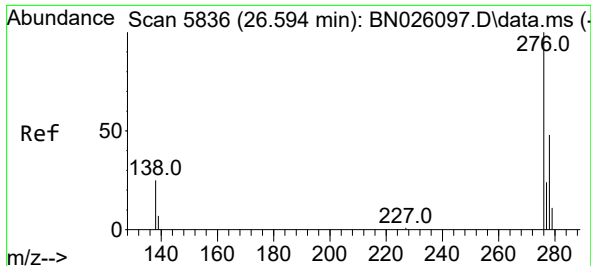
Tgt Ion:252 Resp: 1510874
Ion Ratio Lower Upper
252 100
253 22.8 0.0 55.6
125 11.6 0.0 35.8



#26
Benzo(a)pyrene
Concen: 8.890 ng/ul
RT: 23.892 min Scan# 4981
Delta R.T. -0.014 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

Tgt Ion:252 Resp: 691151
Ion Ratio Lower Upper
252 100
253 23.3 26.0 39.0#
125 12.2 17.3 25.9#

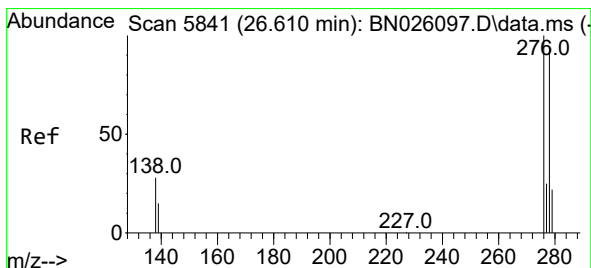
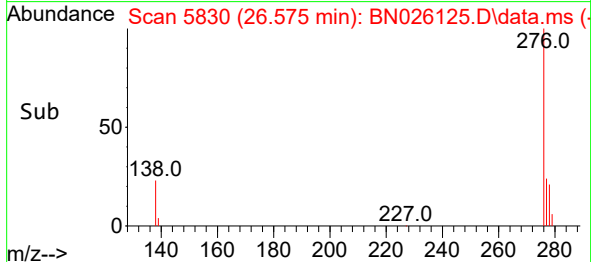
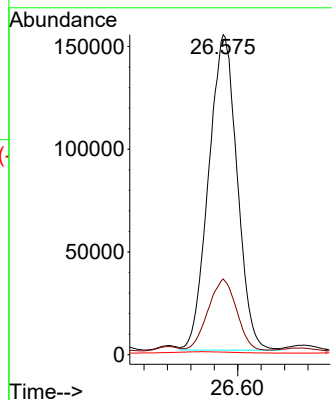
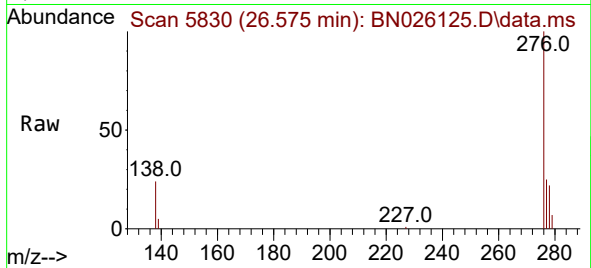




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 6.117 ng/ul
 RT: 26.575 min Scan# 5830
 Delta R.T. -0.019 min
 Lab File: BN026125.D
 Acq: 30 Jun 2023 11:30

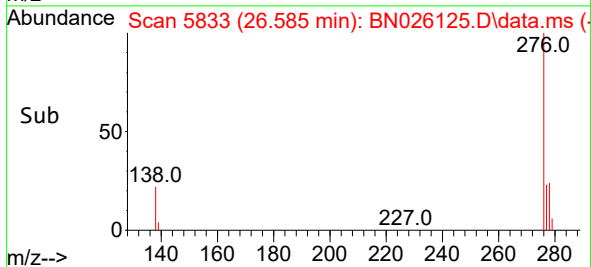
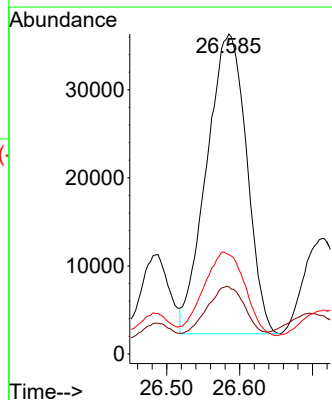
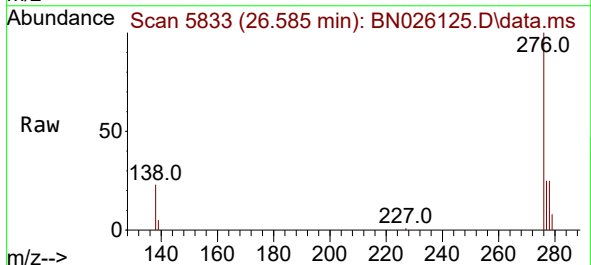
Instrument :
 BNA_N
 ClientSampleId :
 DCFZ1

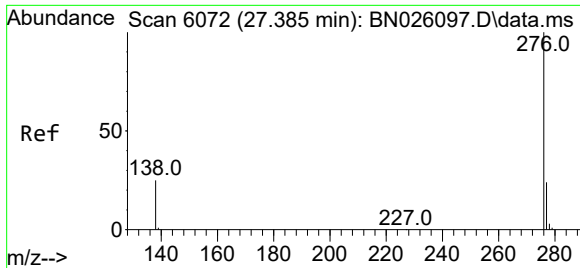
Tgt Ion:276 Resp: 519418
 Ion Ratio Lower Upper
 276 100
 138 22.9 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 2.023 ng/ul
 RT: 26.585 min Scan# 5833
 Delta R.T. -0.029 min
 Lab File: BN026125.D
 Acq: 30 Jun 2023 11:30

Tgt Ion:278 Resp: 129984
 Ion Ratio Lower Upper
 278 100
 139 21.0 19.0 28.4
 279 31.1 26.7 40.1





#29
Benzo(g,h,i)perylene
Concen: 6.306 ng/ul
RT: 27.373 min Scan# 6068
Delta R.T. -0.013 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

Instrument :
BNA_N
ClientSampleId :
DCFZ1

Tgt Ion:276 Resp: 476365
Ion Ratio Lower Upper
276 100
138 23.7 23.4 35.0
277 24.1 20.0 30.0

