

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025943.D
 Acq On : 22 Jun 2023 18:35
 Operator : MA/JU
 Sample : 03083-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ6

Quant Time: Jun 23 01:04:19 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)

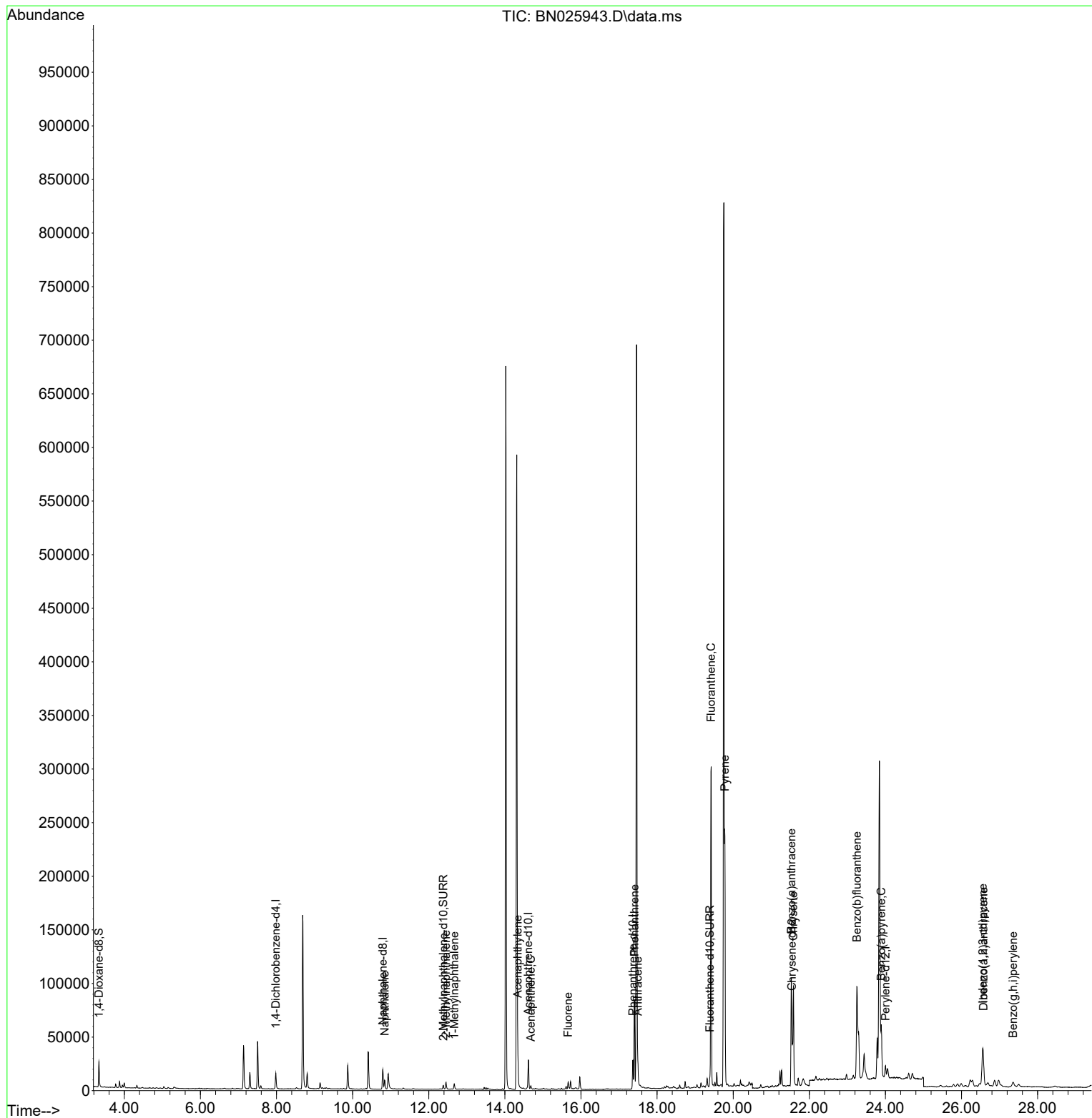
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	8471	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	26750	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	15894	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	32226	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	17197	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	15881	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	15856	1.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	5042	0.123	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	9757	0.149	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	11345	0.148	ng/ul	98
7) 2-Methylnaphthalene	12.453	142	4919	0.101	ng/ul	99
8) 1-Methylnaphthalene	12.673	142	3828	0.076	ng/ul	100
10) Acenaphthylene	14.339	152	30216	0.406	ng/ul	99
11) Acenaphthene	14.681	153	1940	0.032	ng/ul	95
12) Fluorene	15.662	166	4622	0.066	ng/ul#	97
15) Phenanthrene	17.406	178	90617	0.851	ng/ul	100
16) Anthracene	17.495	178	18913	0.200	ng/ul	97
19) Fluoranthene	19.419	202	257932	2.808	ng/ul	97
20) Pyrene	19.782	202	198633	2.079	ng/ul	96
21) Benzo(a)anthracene	21.529	228	92321	1.301	ng/ul	97
22) Chrysene	21.581	228	107668	1.459	ng/ul	98
24) Benzo(b)fluoranthene	23.250	252	211922	3.126	ng/ul	93
26) Benzo(a)pyrene	23.891	252	71924	1.222	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.557	276	67607	1.051	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.574	278	17028	0.350	ng/ul#	91
29) Benzo(g,h,i)perylene	27.356	276	11181	0.195	ng/ul#	85

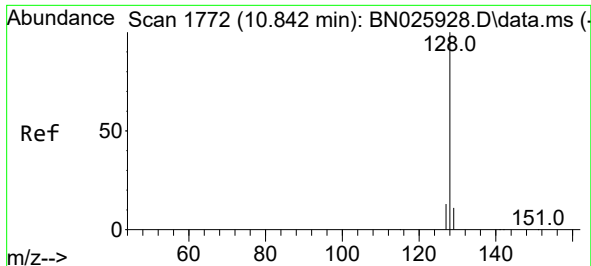
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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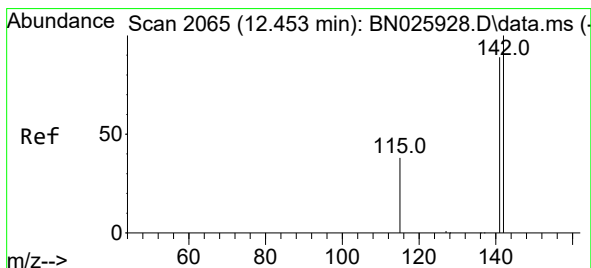
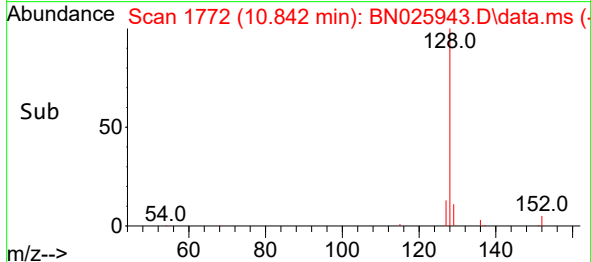
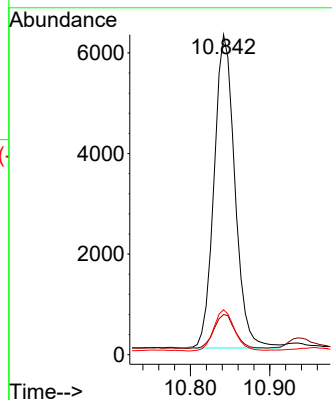
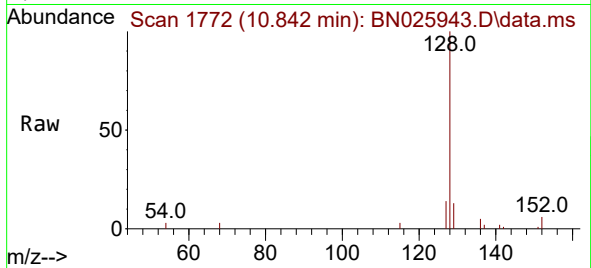




#5
Naphthalene
Concen: 0.148 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

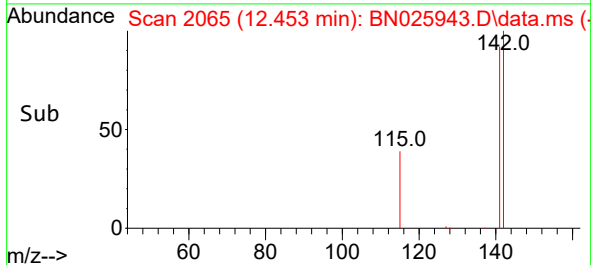
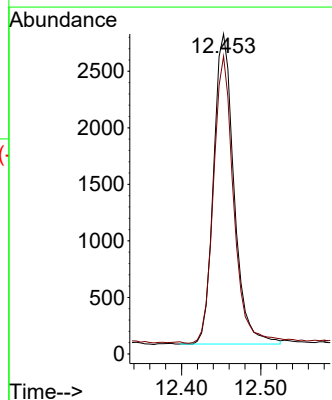
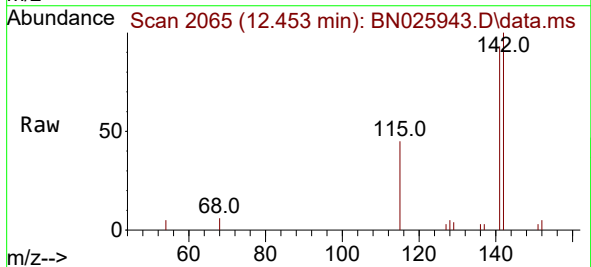
Instrument :
BNA_N
ClientSampleId :
DCFQ6

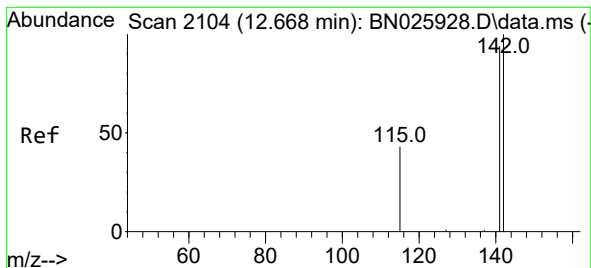
Tgt Ion:128 Resp: 11345
Ion Ratio Lower Upper
128 100
129 12.6 9.1 13.7
127 14.1 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

Tgt Ion:142 Resp: 4919
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9

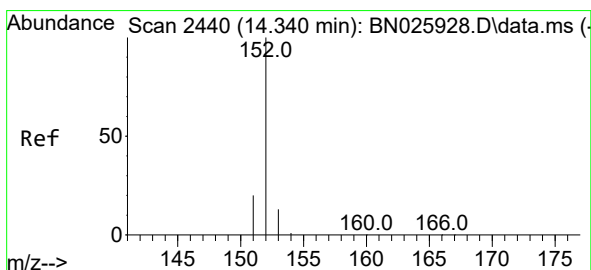
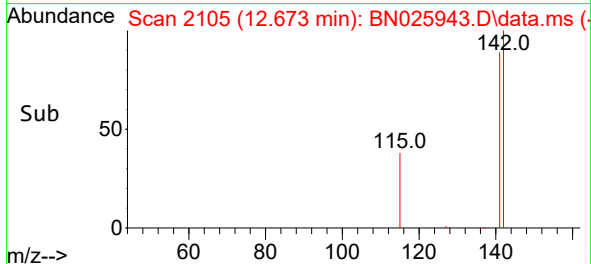
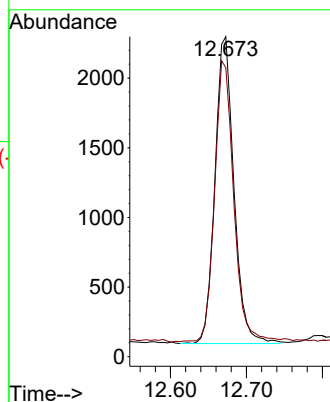
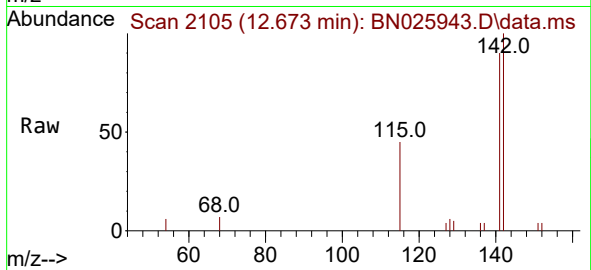




#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.673 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

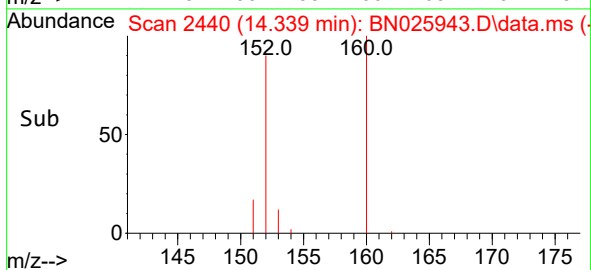
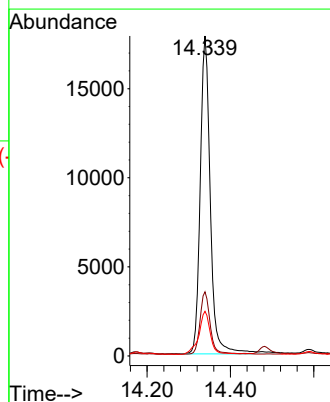
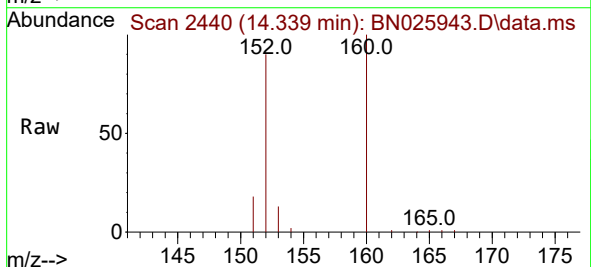
Instrument :
BNA_N
ClientSampleId :
DCFQ6

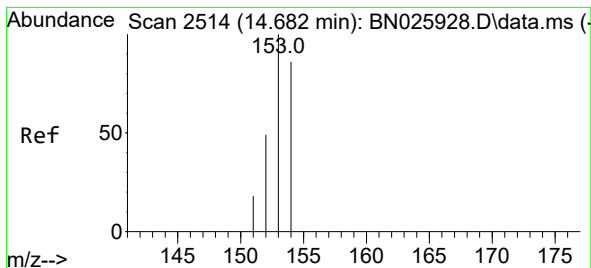
Tgt Ion:142 Resp: 3828
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4



#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

Tgt Ion:152 Resp: 30216
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.9 10.9 16.3





#11

Acenaphthene

Concen: 0.032 ng/ul

RT: 14.681 min Scan# 214

Delta R.T. -0.000 min

Lab File: BN025943.D

Acq: 22 Jun 2023 18:35

Instrument :

BNA_N

ClientSampleId :

DCFQ6

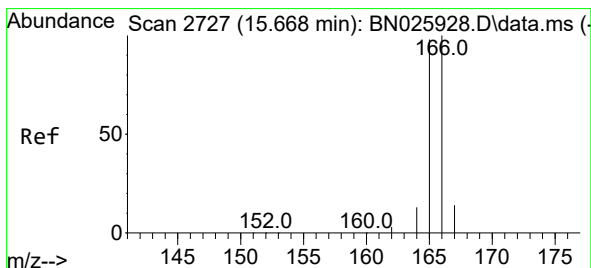
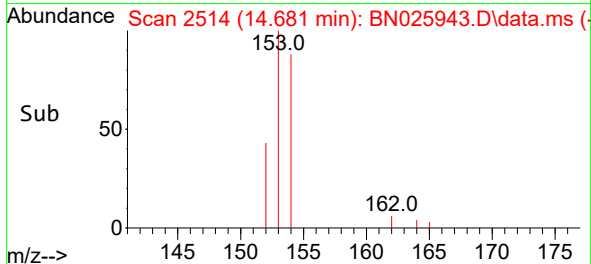
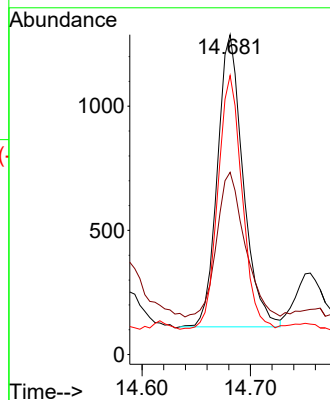
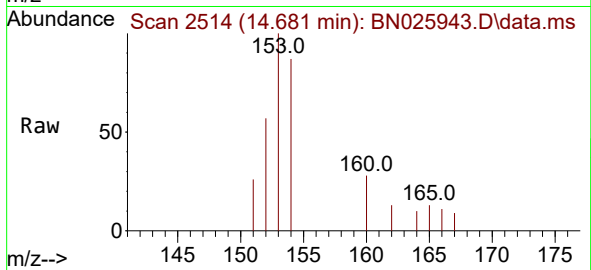
Tgt Ion:153 Resp: 1940

Ion Ratio Lower Upper

153 100

152 57.0 39.4 59.0

154 87.3 68.9 103.3



#12

Fluorene

Concen: 0.066 ng/ul

RT: 15.662 min Scan# 2726

Delta R.T. -0.005 min

Lab File: BN025943.D

Acq: 22 Jun 2023 18:35

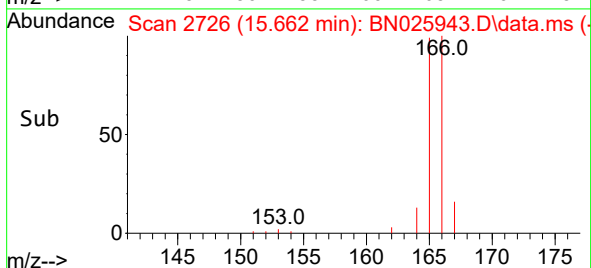
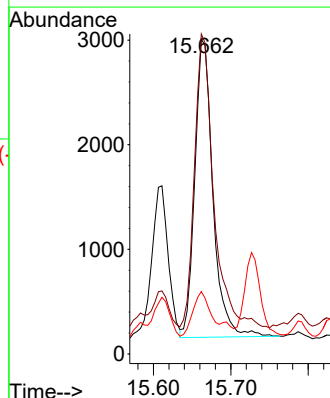
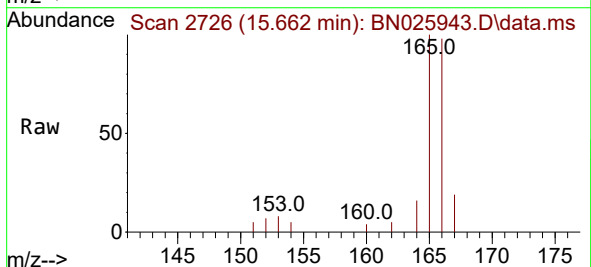
Tgt Ion:166 Resp: 4622

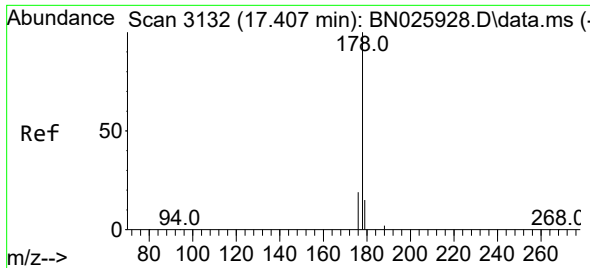
Ion Ratio Lower Upper

166 100

165 101.6 79.9 119.9

167 19.8 10.8 16.2#

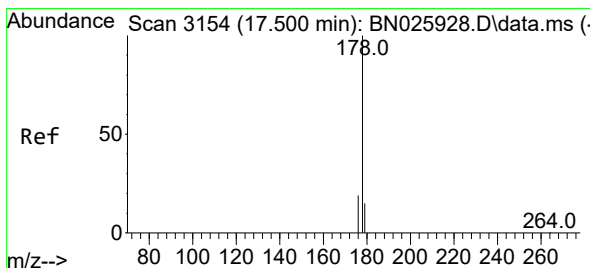
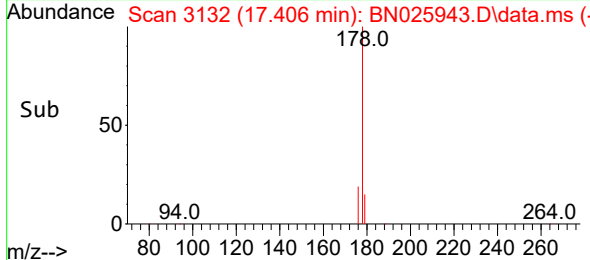
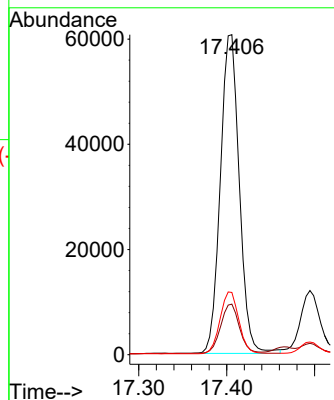
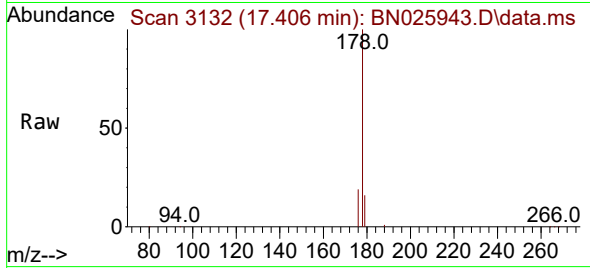




#15
Phenanthrene
Concen: 0.851 ng/ul
RT: 17.406 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

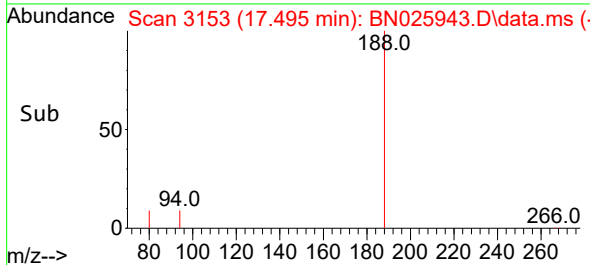
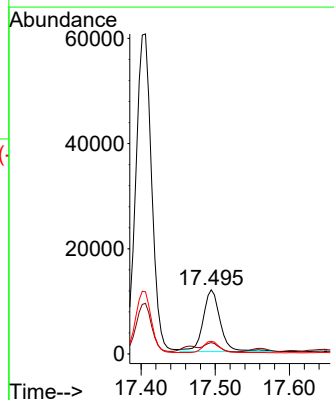
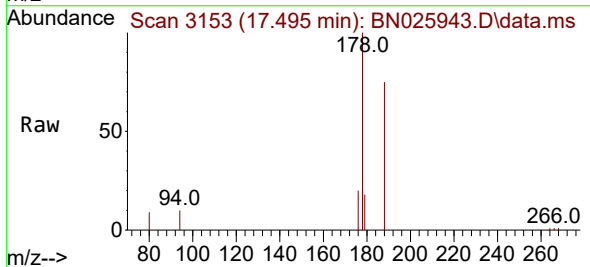
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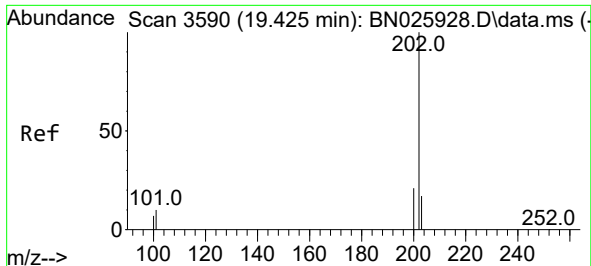
Tgt Ion:178 Resp: 90617
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.5 15.8 23.6



#16
Anthracene
Concen: 0.200 ng/ul
RT: 17.495 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

Tgt Ion:178 Resp: 18913
Ion Ratio Lower Upper
178 100
179 17.8 12.6 18.8
176 19.7 15.1 22.7

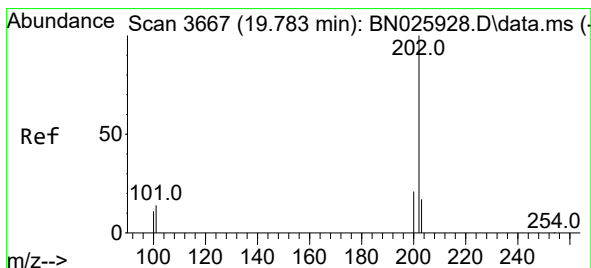
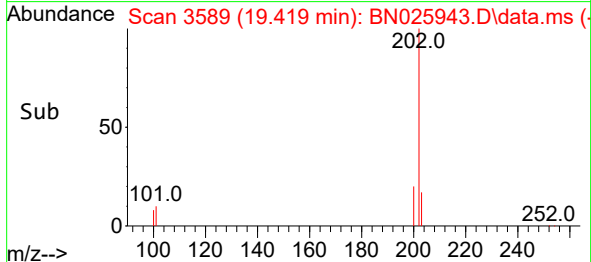
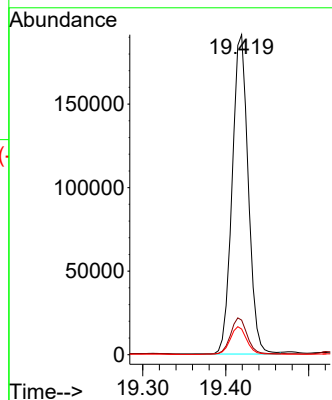
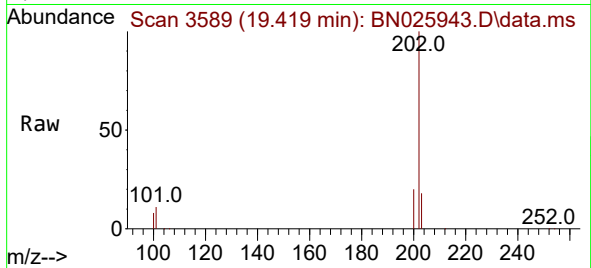




#19
Fluoranthene
Concen: 2.808 ng/ul
RT: 19.419 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

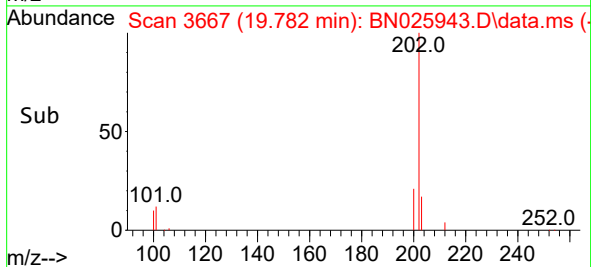
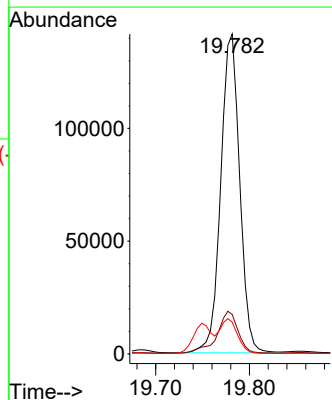
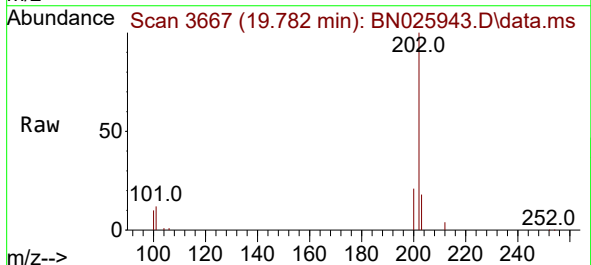
Instrument :
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DCFQ6

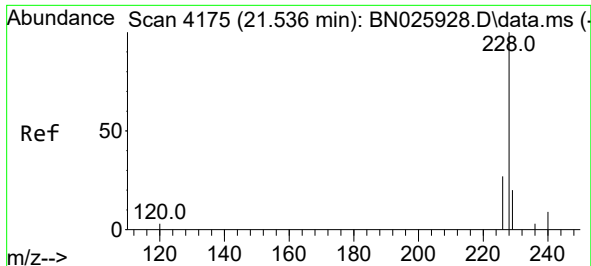
Tgt Ion:202 Resp: 257932
Ion Ratio Lower Upper
202 100
101 10.8 9.5 14.3
100 8.0 7.3 10.9



#20
Pyrene
Concen: 2.079 ng/ul
RT: 19.782 min Scan# 3667
Delta R.T. -0.000 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

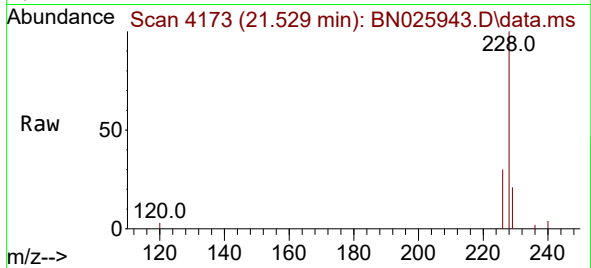
Tgt Ion:202 Resp: 198633
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 9.9 9.1 13.7



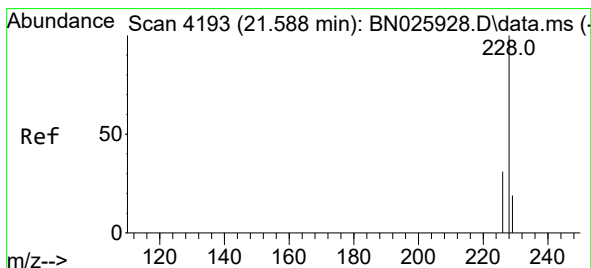
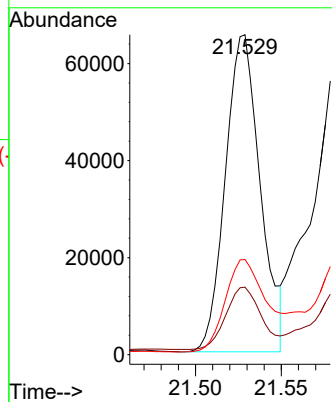
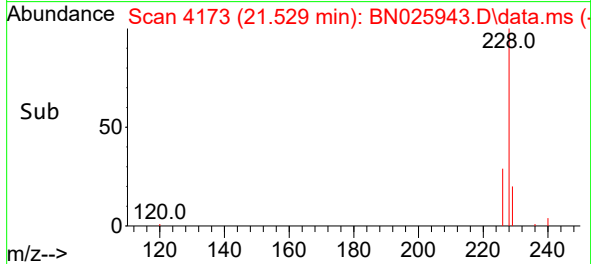


#21
Benzo(a)anthracene
Concen: 1.301 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

Instrument :
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DCFQ6

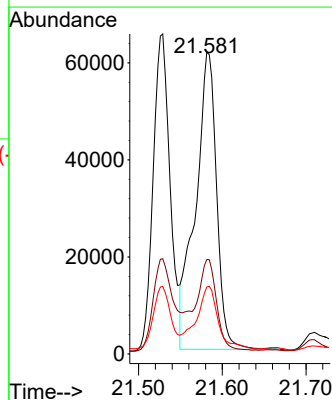
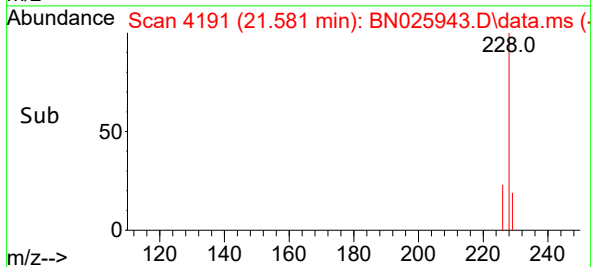
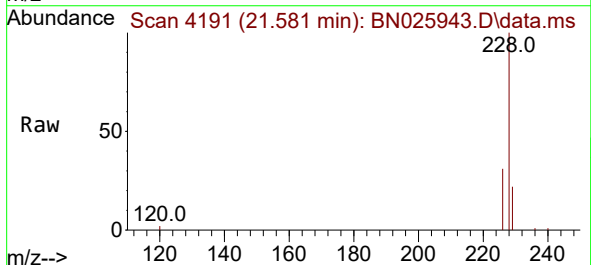


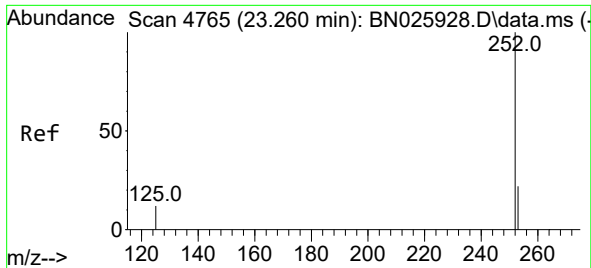
Tgt Ion:228 Resp: 92321
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 29.7 22.5 33.7



#22
Chrysene
Concen: 1.459 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

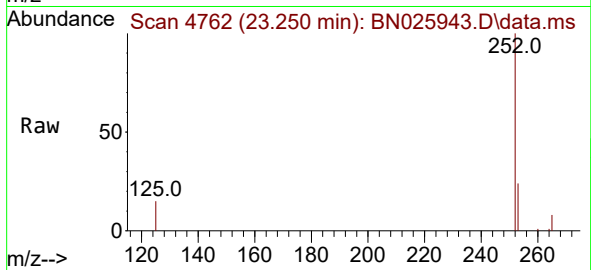
Tgt Ion:228 Resp: 107668
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.1 15.7 23.5



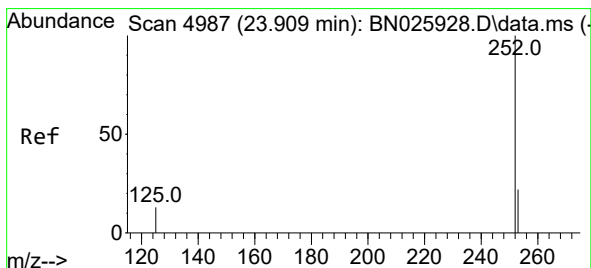
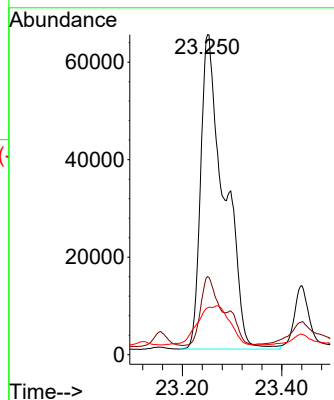


#24
Benzo(b)fluoranthene
Concen: 3.126 ng/ul
RT: 23.250 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

Instrument :
BNA_N
ClientSampleId :
DCFQ6

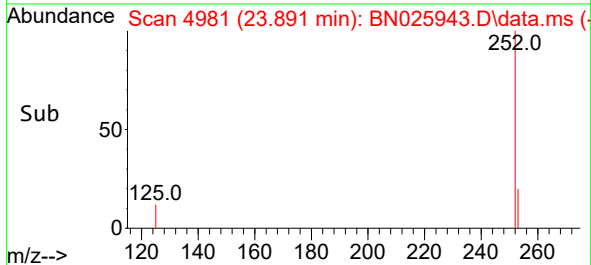
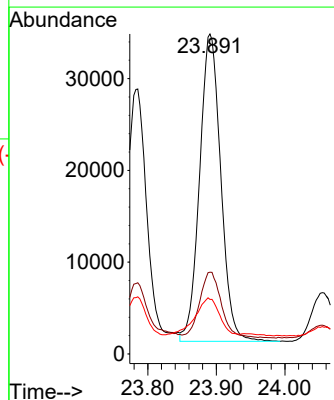
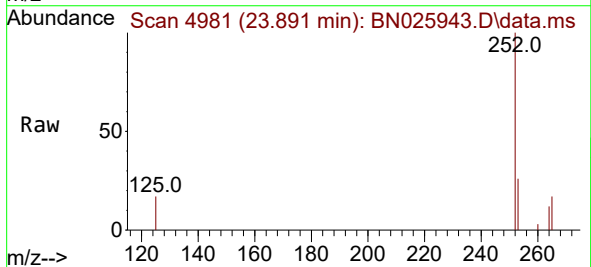


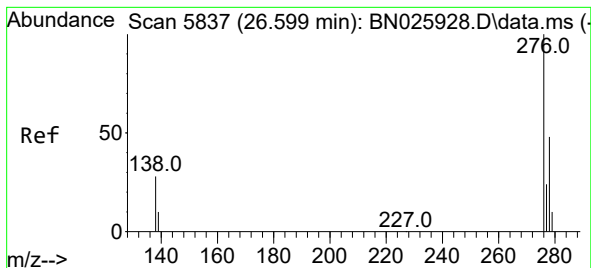
Tgt Ion:252 Resp: 211922
Ion Ratio Lower Upper
252 100
253 24.4 0.0 55.6
125 14.7 0.0 35.8



#26
Benzo(a)pyrene
Concen: 1.222 ng/ul
RT: 23.891 min Scan# 4981
Delta R.T. -0.018 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

Tgt Ion:252 Resp: 71924
Ion Ratio Lower Upper
252 100
253 25.5 26.0 39.0#
125 17.1 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.051 ng/ul

RT: 26.557 min Scan# 5825

Delta R.T. -0.037 min

Lab File: BN025943.D

Acq: 22 Jun 2023 18:35

Instrument :

BNA_N

ClientSampleId :

DCFQ6

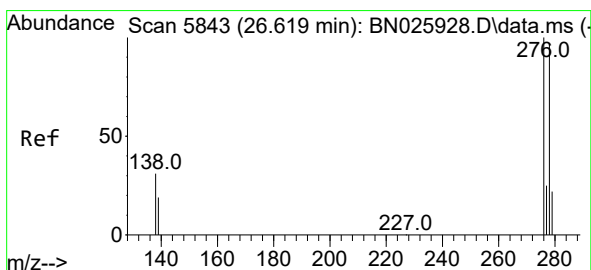
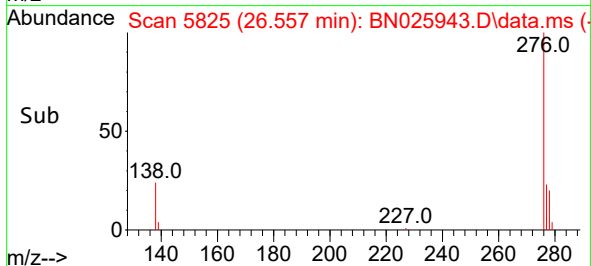
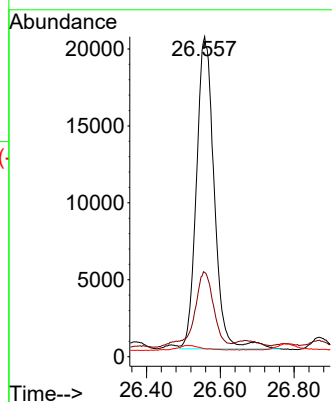
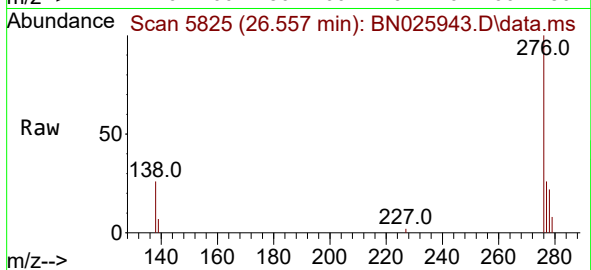
Tgt Ion:276 Resp: 67607

Ion Ratio Lower Upper

276 100

138 26.6 24.5 36.7

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.350 ng/ul

RT: 26.574 min Scan# 5830

Delta R.T. -0.047 min

Lab File: BN025943.D

Acq: 22 Jun 2023 18:35

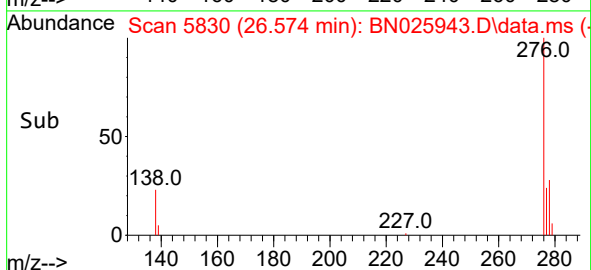
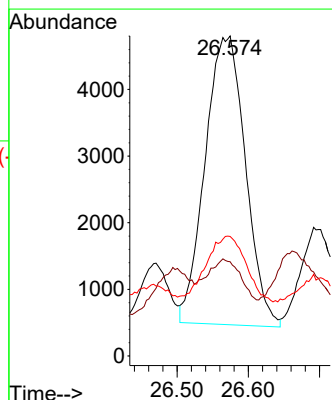
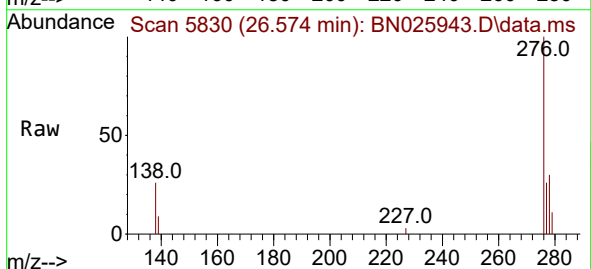
Tgt Ion:278 Resp: 17028

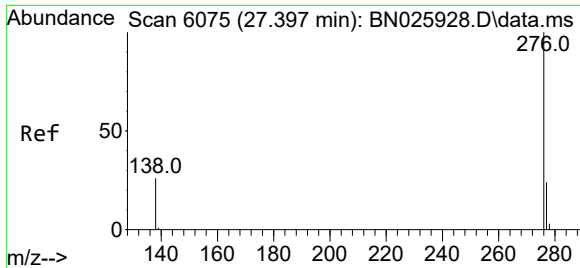
Ion Ratio Lower Upper

278 100

139 29.4 19.0 28.4#

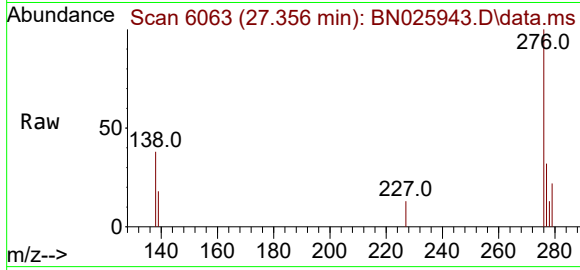
279 37.4 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.195 ng/ul
 RT: 27.356 min Scan# 60
 Delta R.T. -0.030 min
 Lab File: BN025943.D
 Acq: 22 Jun 2023 18:35

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ6



Tgt Ion:276 Resp: 11181
 Ion Ratio Lower Upper
 276 100
 138 37.8 23.4 35.0#
 277 32.2 20.0 30.0#

