

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025942.D
 Acq On : 22 Jun 2023 17:58
 Operator : MA/JU
 Sample : 03083-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFL7

Quant Time: Jun 23 01:04:09 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)

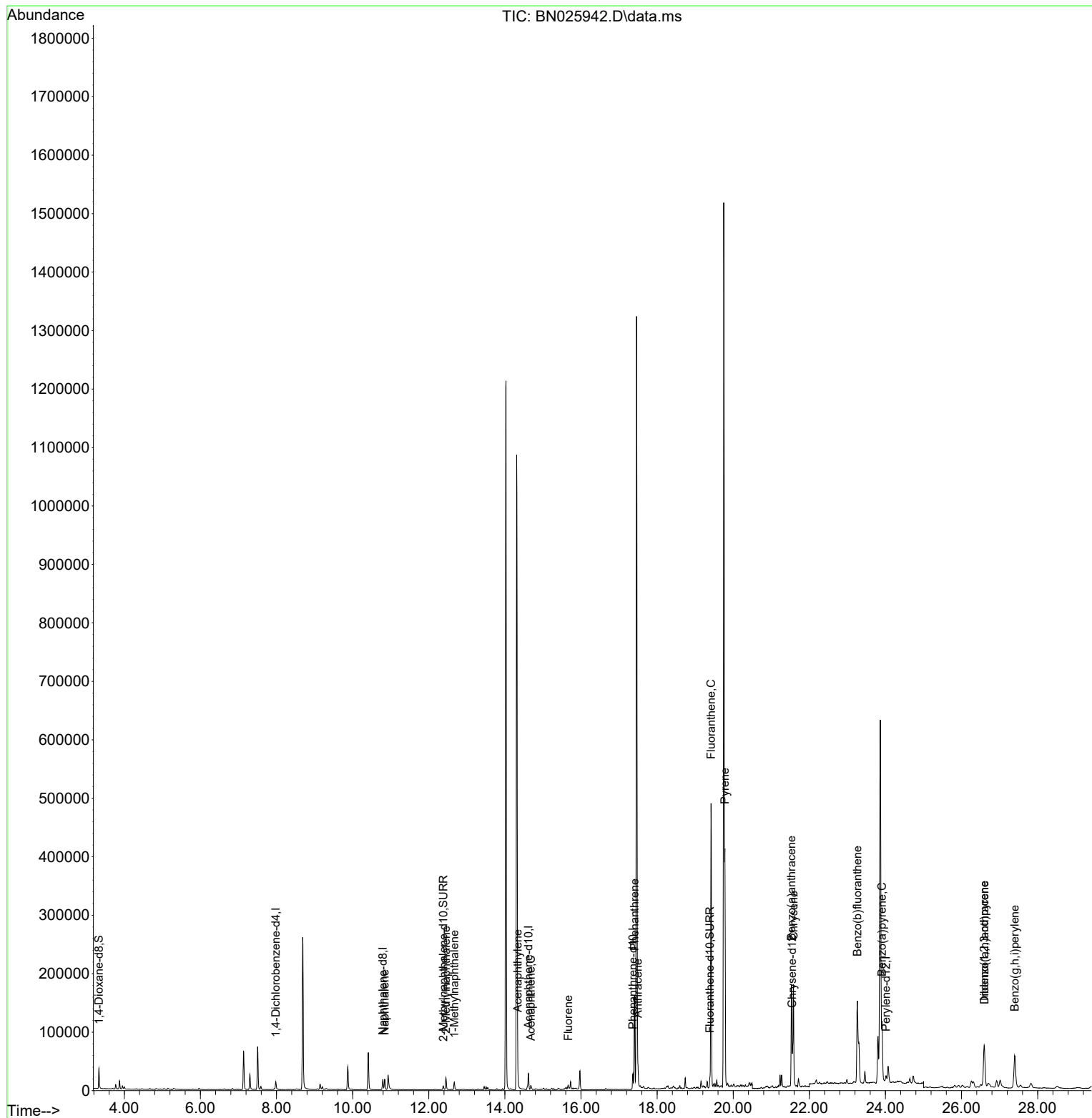
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	7778	0.400	ng/ul	0.00
4) Naphthalene-d8	10.791	136	24638	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	15358	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.363	188	30558	0.400	ng/ul	0.00
17) Chrysene-d12	21.548	240	15358	0.400	ng/ul	# 0.00
23) Perylene-d12	24.015	264	15493	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	23299	2.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.380	152	9013	0.238	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	18517	0.317	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	25652	0.363	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	15336	0.341	ng/ul	98
8) 1-Methylnaphthalene	12.671	142	9339	0.200	ng/ul	98
10) Acenaphthylene	14.338	152	18260	0.254	ng/ul	96
11) Acenaphthene	14.681	153	4509	0.077	ng/ul	97
12) Fluorene	15.666	166	4545	0.067	ng/ul#	91
15) Phenanthrene	17.405	178	173438	1.718	ng/ul	99
16) Anthracene	17.494	178	28519	0.318	ng/ul	97
19) Fluoranthene	19.418	202	419071	5.109	ng/ul	98
20) Pyrene	19.781	202	324235	3.800	ng/ul	98
21) Benzo(a)anthracene	21.531	228	154167	2.433	ng/ul	96
22) Chrysene	21.583	228	188236	2.855	ng/ul	98
24) Benzo(b)fluoranthene	23.261	252	321478	4.862	ng/ul	92
26) Benzo(a)pyrene	23.910	252	141103	2.457	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.593	276	119305	1.902	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.603	278	29183	0.615	ng/ul	97
29) Benzo(g,h,i)perylene	27.395	276	119580	2.143	ng/ul	97

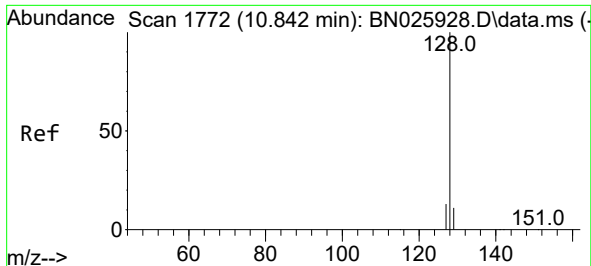
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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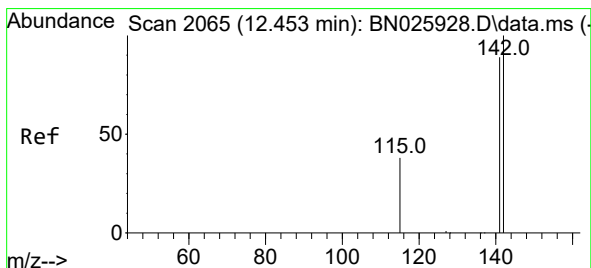
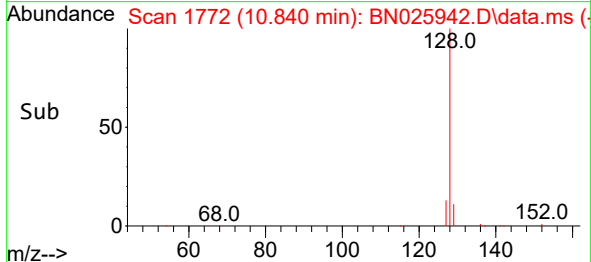
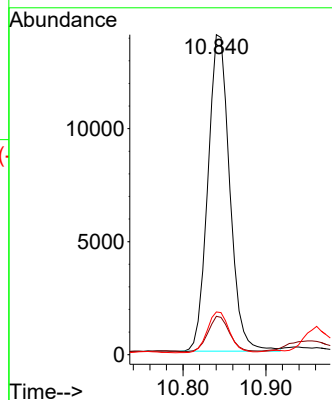
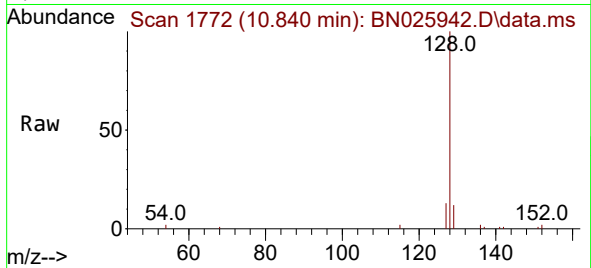




#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.007 min
Lab File: BN025942.D
Acq: 22 Jun 2023 17:58

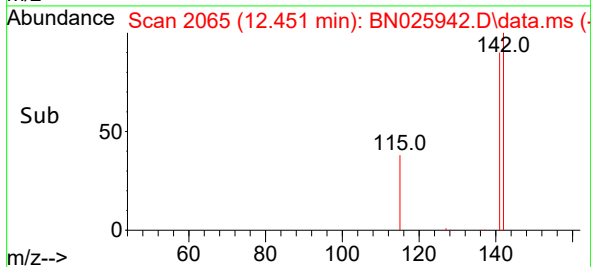
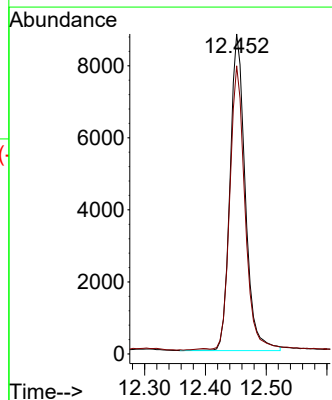
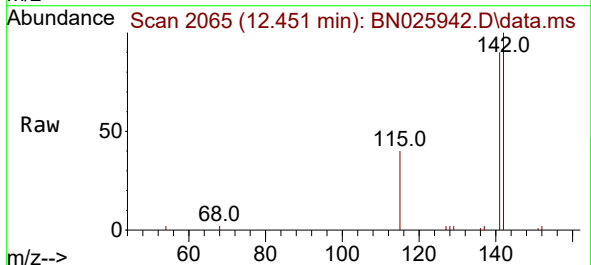
Instrument :
BNA_N
ClientSampleId :
DCFL7

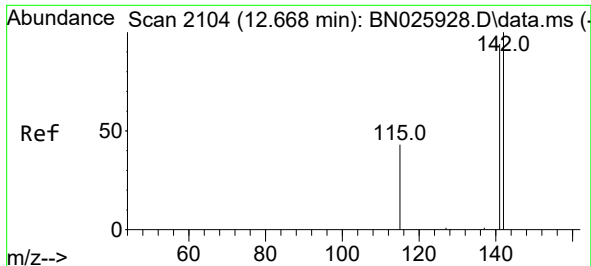
Tgt Ion:128 Resp: 25652
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.3 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.002 min
Lab File: BN025942.D
Acq: 22 Jun 2023 17:58

Tgt Ion:142 Resp: 15336
Ion Ratio Lower Upper
142 100
141 88.1 71.9 107.9

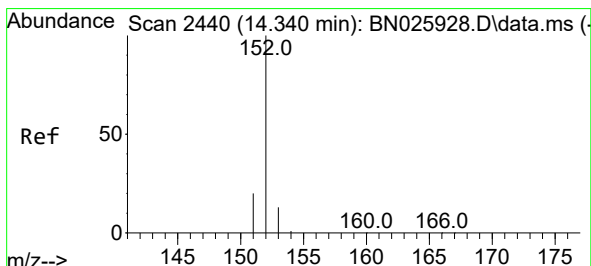
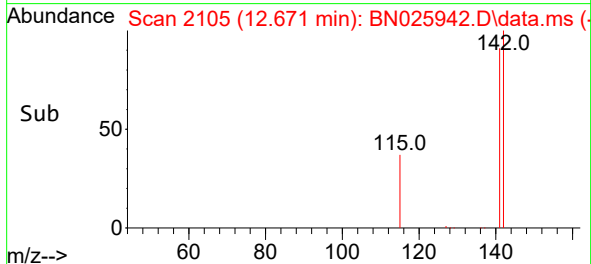
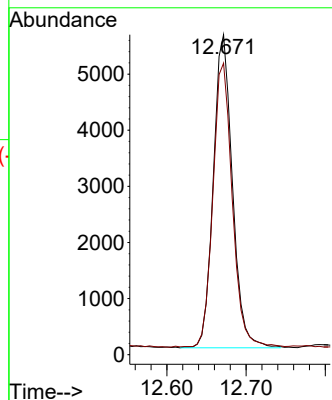
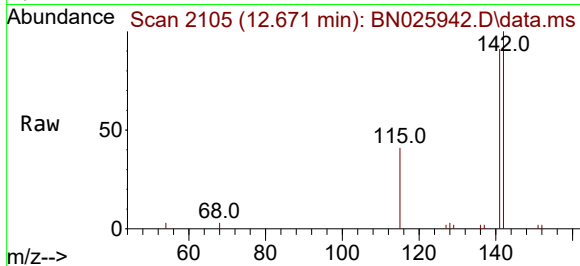




#8
1-Methylnaphthalene
Concen: 0.200 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. -0.002 min
Lab File: BN025942.D
Acq: 22 Jun 2023 17:58

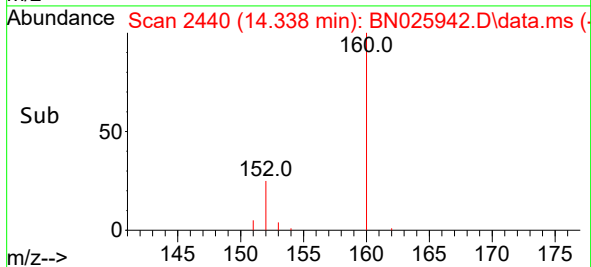
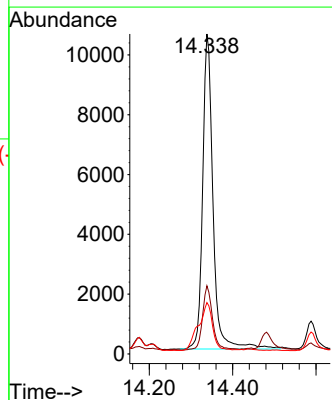
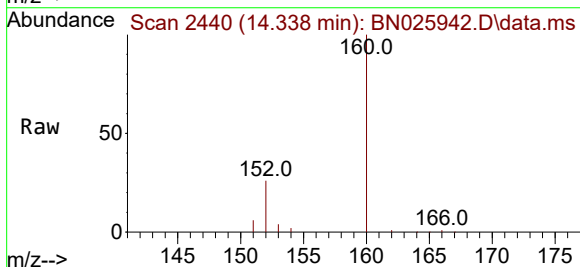
Instrument :
BNA_N
ClientSampleId :
DCFL7

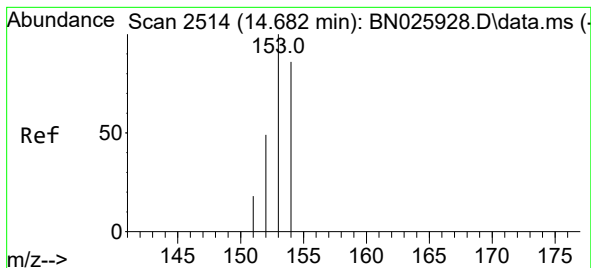
Tgt Ion:142 Resp: 9339
Ion Ratio Lower Upper
142 100
141 91.2 74.2 111.4



#10
Acenaphthylene
Concen: 0.254 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025942.D
Acq: 22 Jun 2023 17:58

Tgt Ion:152 Resp: 18260
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.4
153 16.1 10.9 16.3





#11

Acenaphthene

Concen: 0.077 ng/ul

RT: 14.681 min Scan# 2514

Delta R.T. -0.001 min

Lab File: BN025942.D

Acq: 22 Jun 2023 17:58

Instrument :

BNA_N

ClientSampleId :

DCFL7

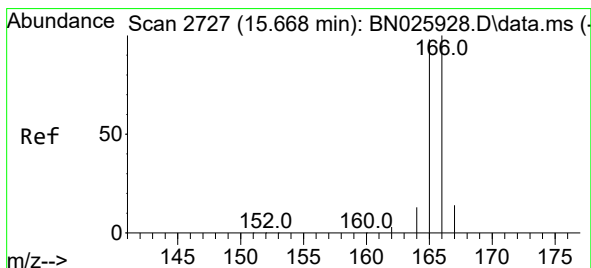
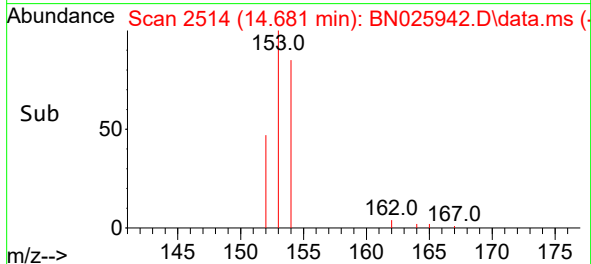
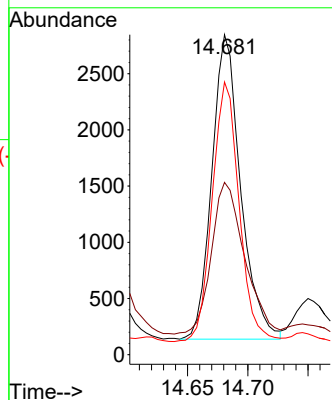
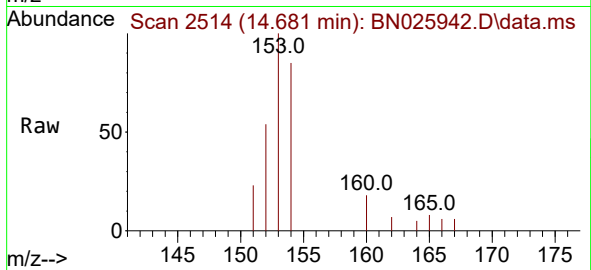
Tgt Ion:153 Resp: 4509

Ion Ratio Lower Upper

153 100

152 53.8 39.4 59.0

154 85.2 68.9 103.3



#12

Fluorene

Concen: 0.067 ng/ul

RT: 15.666 min Scan# 2727

Delta R.T. -0.001 min

Lab File: BN025942.D

Acq: 22 Jun 2023 17:58

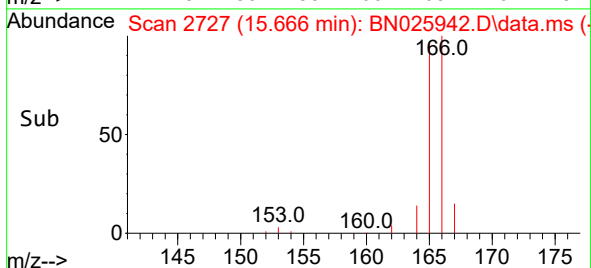
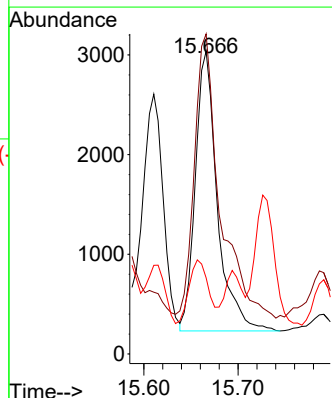
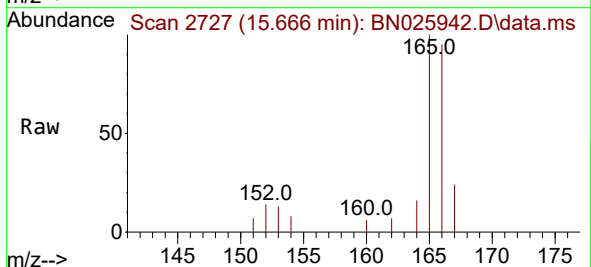
Tgt Ion:166 Resp: 4545

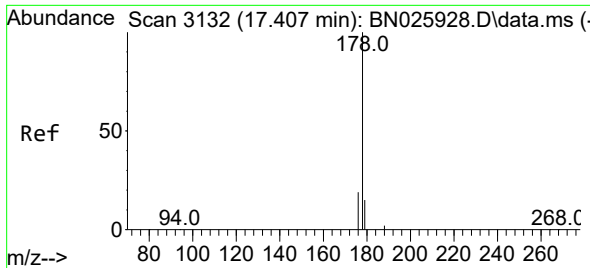
Ion Ratio Lower Upper

166 100

165 105.7 79.9 119.9

167 25.2 10.8 16.2#

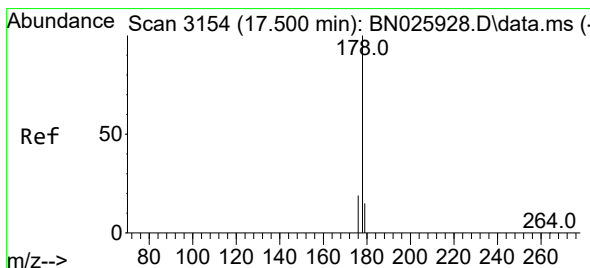
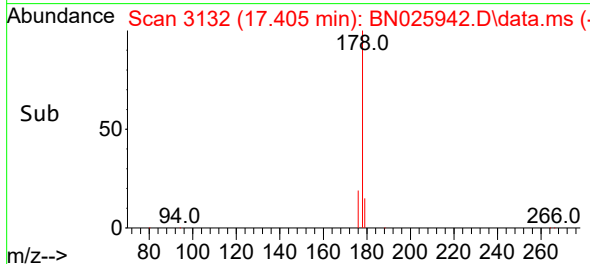
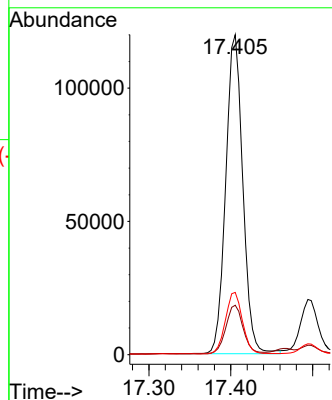
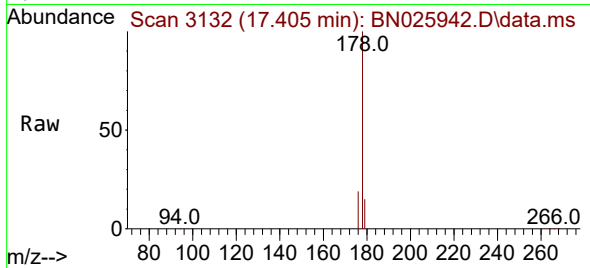




#15
 Phenanthrene
 Concen: 1.718 ng/ul
 RT: 17.405 min Scan# 3132
 Delta R.T. -0.001 min
 Lab File: BN025942.D
 Acq: 22 Jun 2023 17:58

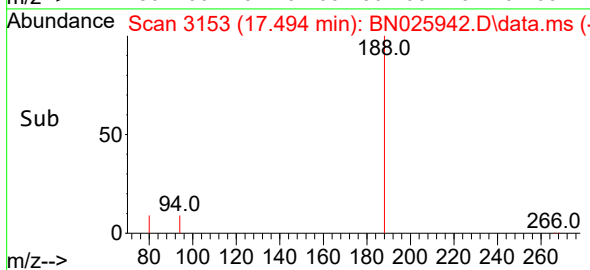
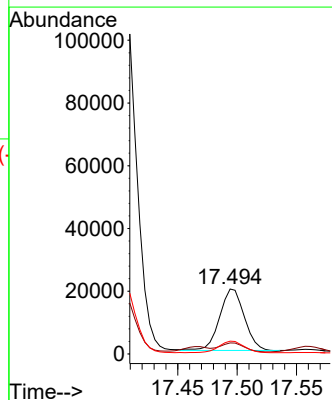
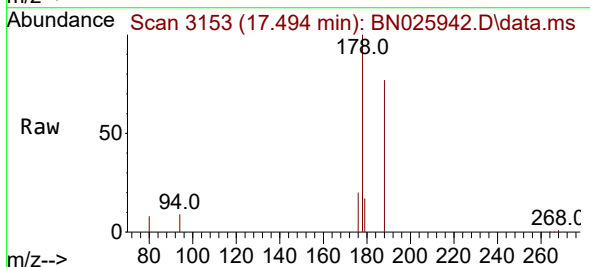
Instrument :
 BNA_N
 ClientSampleId :
 DCFL7

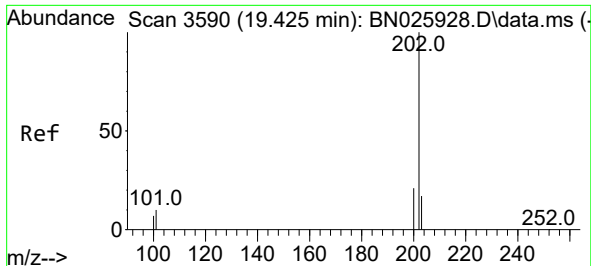
Tgt Ion:178 Resp: 173438
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.6 19.0
 176 19.5 15.8 23.6



#16
 Anthracene
 Concen: 0.318 ng/ul
 RT: 17.494 min Scan# 3153
 Delta R.T. -0.005 min
 Lab File: BN025942.D
 Acq: 22 Jun 2023 17:58

Tgt Ion:178 Resp: 28519
 Ion Ratio Lower Upper
 178 100
 179 17.1 12.6 18.8
 176 19.8 15.1 22.7

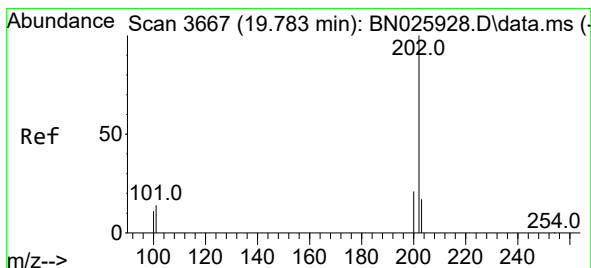
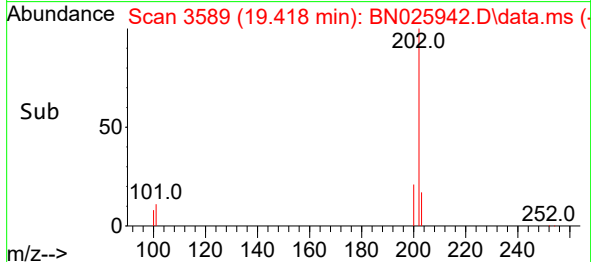
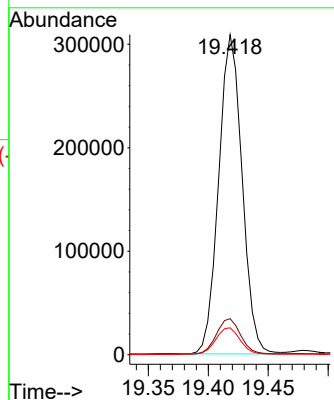
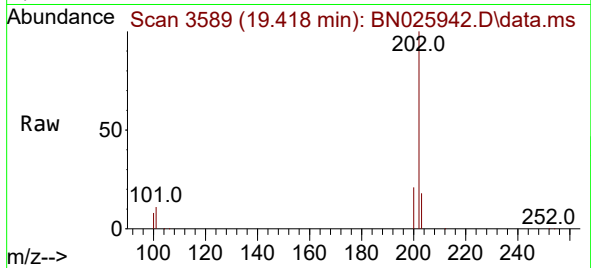




#19
Fluoranthene
Concen: 5.109 ng/ul
RT: 19.418 min Scan# 3589
Delta R.T. -0.001 min
Lab File: BN025942.D
Acq: 22 Jun 2023 17:58

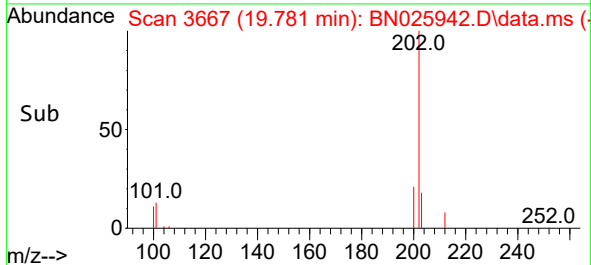
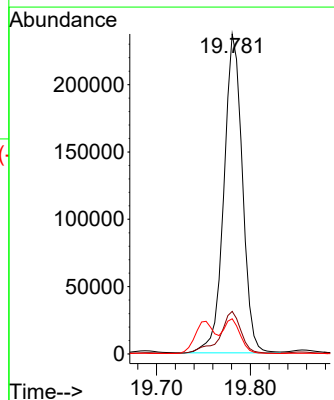
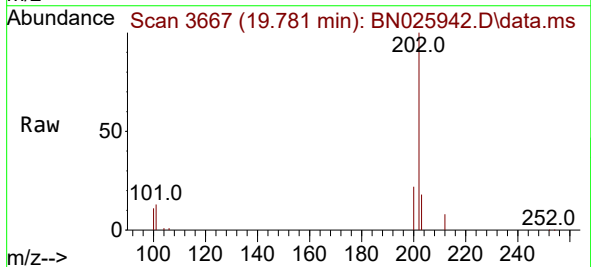
Instrument :
BNA_N
ClientSampleId :
DCFL7

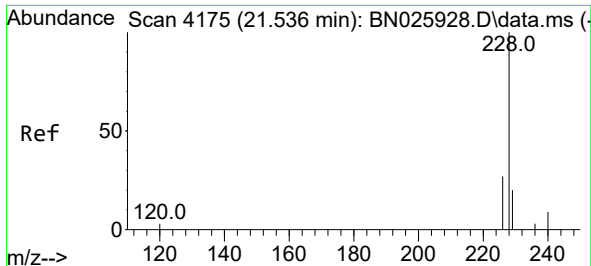
Tgt Ion:202 Resp: 419071
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.4 7.3 10.9



#20
Pyrene
Concen: 3.800 ng/ul
RT: 19.781 min Scan# 3667
Delta R.T. -0.001 min
Lab File: BN025942.D
Acq: 22 Jun 2023 17:58

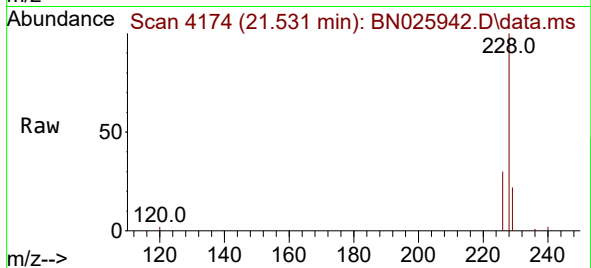
Tgt Ion:202 Resp: 324235
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 11.0 9.1 13.7



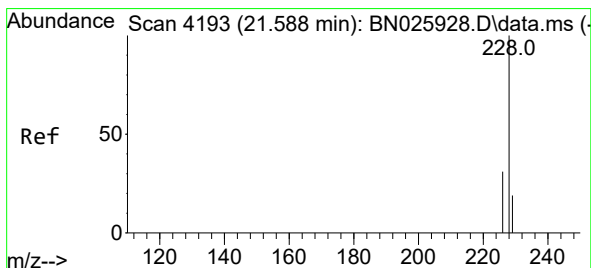
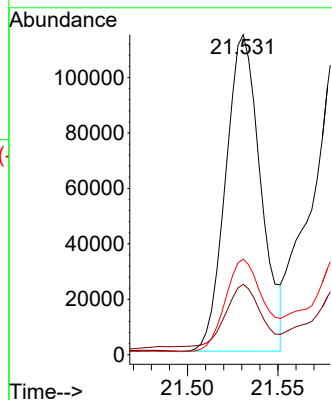
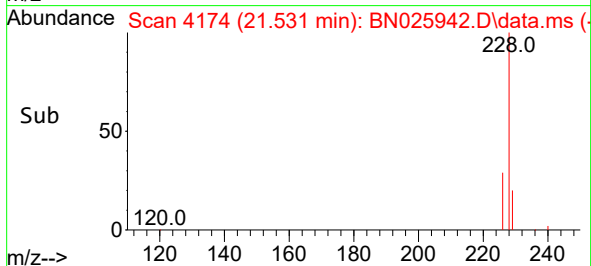


#21
Benzo(a)anthracene
Concen: 2.433 ng/ul
RT: 21.531 min Scan# 4175
Delta R.T. -0.001 min
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Instrument :
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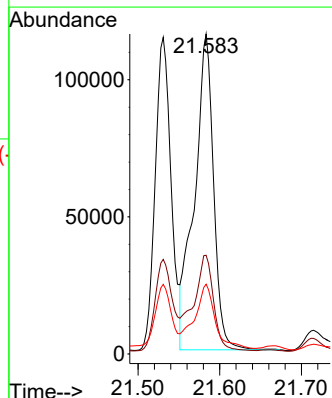
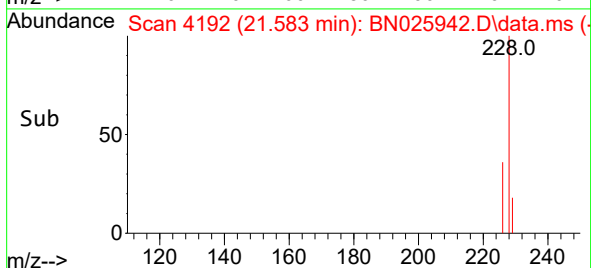
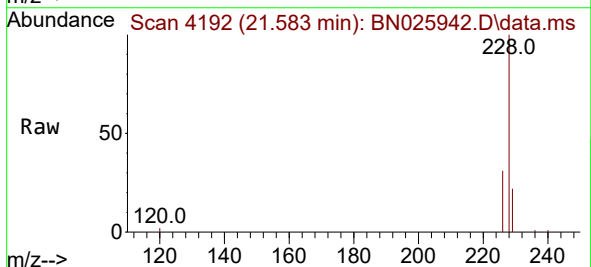


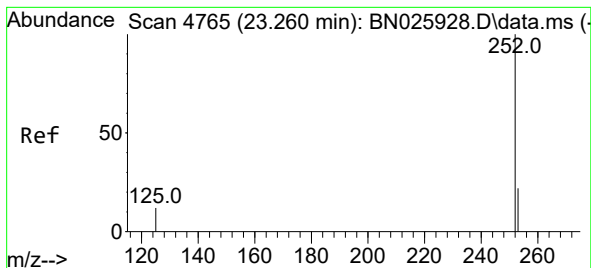
Tgt Ion:228 Resp: 154167
Ion Ratio Lower Upper
228 100
229 22.0 15.8 23.6
226 29.8 22.5 33.7



#22
Chrysene
Concen: 2.855 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. -0.001 min
Lab File: BN025942.D
Acq: 22 Jun 2023 17:58

Tgt Ion:228 Resp: 188236
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 21.8 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 4.862 ng/ul

RT: 23.261 min Scan# 41

Delta R.T. 0.005 min

Lab File: BN025942.D

Acq: 22 Jun 2023 17:58

Instrument :

BNA_N

ClientSampleId :

DCFL7

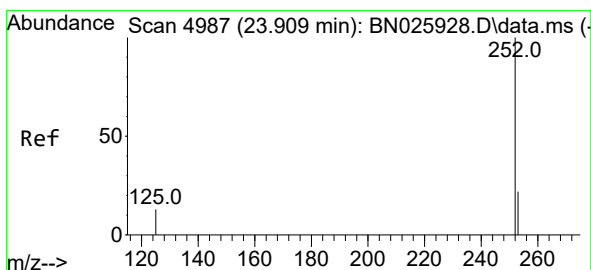
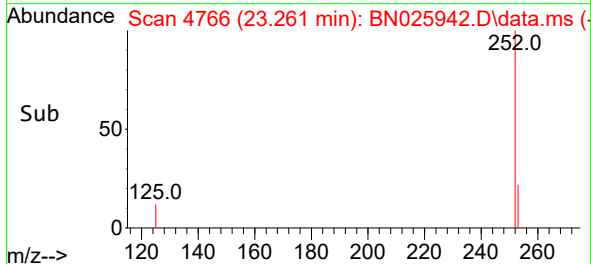
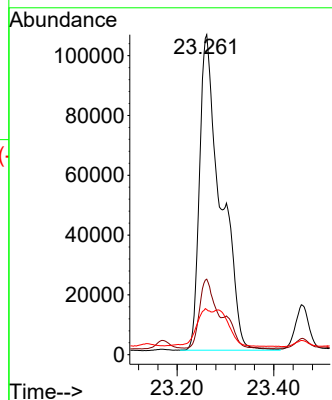
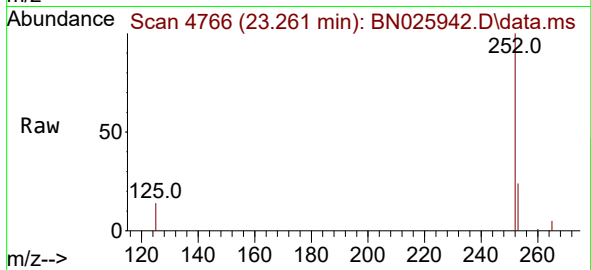
Tgt Ion:252 Resp: 321478

Ion Ratio Lower Upper

252 100

253 23.6 0.0 55.6

125 14.1 0.0 35.8



#26

Benzo(a)pyrene

Concen: 2.457 ng/ul

RT: 23.910 min Scan# 4988

Delta R.T. 0.002 min

Lab File: BN025942.D

Acq: 22 Jun 2023 17:58

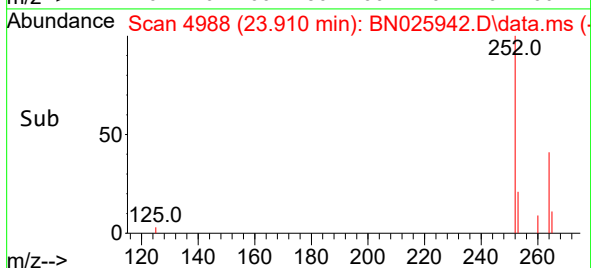
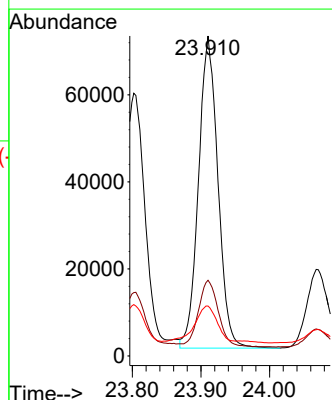
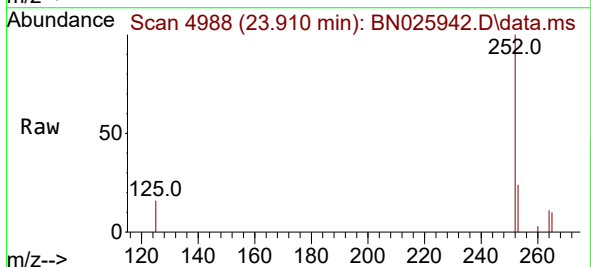
Tgt Ion:252 Resp: 141103

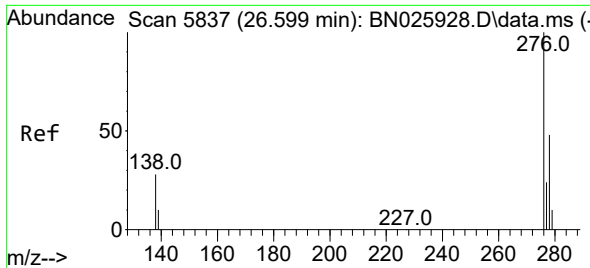
Ion Ratio Lower Upper

252 100

253 23.6 26.0 39.0#

125 15.6 17.3 25.9#

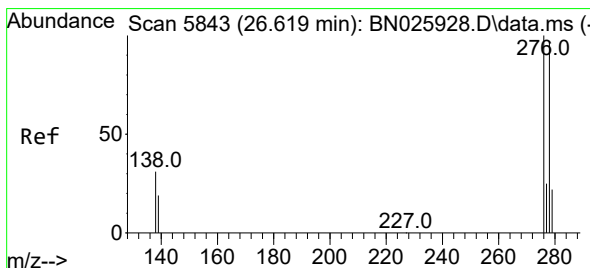
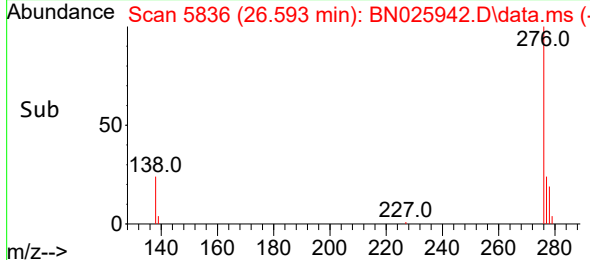
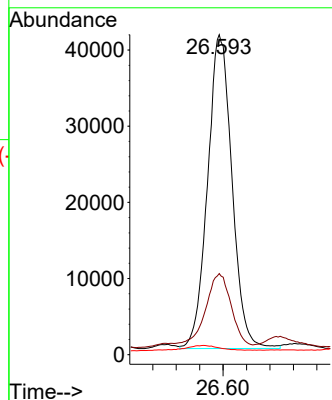
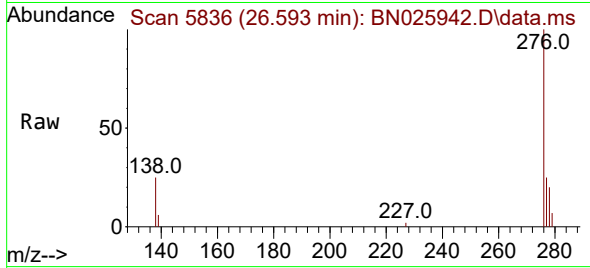




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.902 ng/ul
 RT: 26.593 min Scan# 5836
 Delta R.T. -0.001 min
 Lab File: BN025942.D
 Acq: 22 Jun 2023 17:58

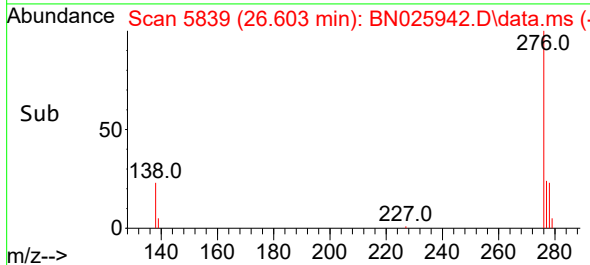
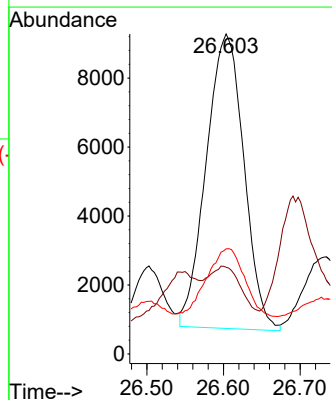
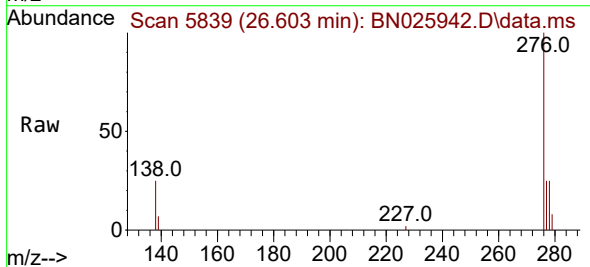
Instrument :
 BNA_N
 ClientSampleId :
 DCFL7

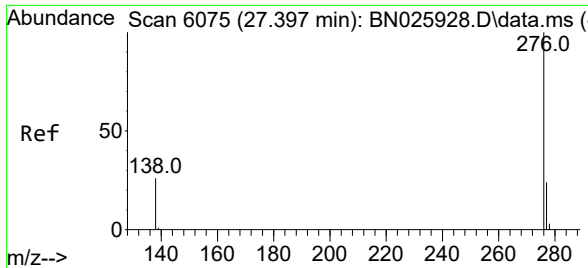
Tgt Ion:276 Resp: 119305
 Ion Ratio Lower Upper
 276 100
 138 22.8 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.615 ng/ul
 RT: 26.603 min Scan# 5839
 Delta R.T. -0.018 min
 Lab File: BN025942.D
 Acq: 22 Jun 2023 17:58

Tgt Ion:278 Resp: 29183
 Ion Ratio Lower Upper
 278 100
 139 27.1 19.0 28.4
 279 32.8 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 2.143 ng/ul
 RT: 27.395 min Scan# 6075
 Delta R.T. 0.009 min
 Lab File: BN025942.D
 Acq: 22 Jun 2023 17:58

Instrument :
 BNA_N
 ClientSampleId :
 DCFL7

Tgt Ion:	276	Resp:	119580
Ion	Ratio	Lower	Upper
276	100		
138	26.7	23.4	35.0
277	24.9	20.0	30.0

