

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026088.D
 Acq On : 29 Jun 2023 10:50
 Operator : MA/JU
 Sample : 03142-20RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT7

Quant Time: Jun 30 00:42:54 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)

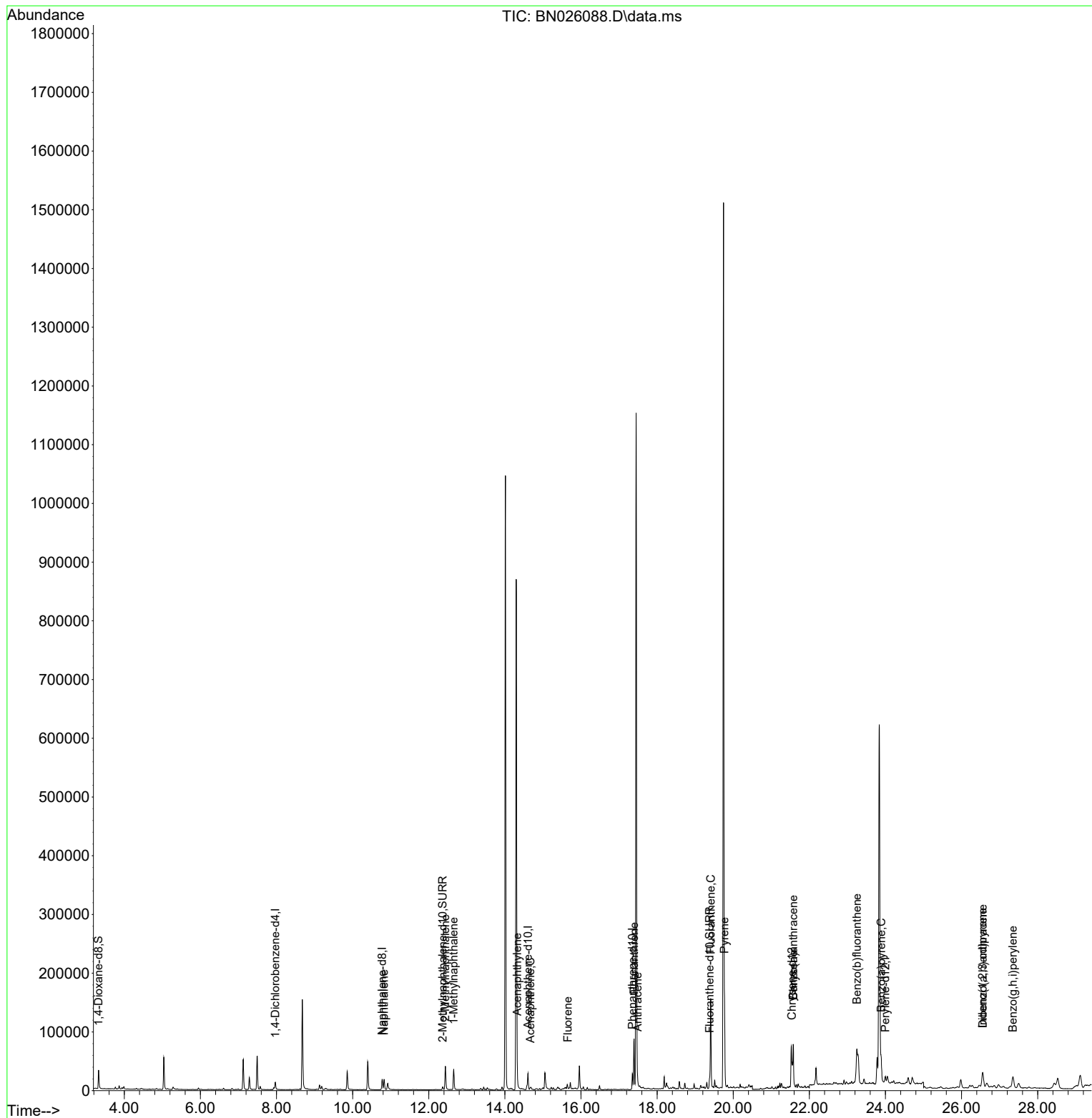
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	7606	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	24720	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.607	164	15544	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	31820	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	17270	0.400	ng/ul	0.00
23) Perylene-d12	23.995	264	16467	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	21803	2.545	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.364	152	7212	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	17843	0.271	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.824	128	26086	0.368	ng/ul	99
7) 2-Methylnaphthalene	12.435	142	31706	0.703	ng/ul	100
8) 1-Methylnaphthalene	12.655	142	25249	0.540	ng/ul	100
10) Acenaphthylene	14.324	152	11285	0.155	ng/ul#	89
11) Acenaphthene	14.671	153	2336	0.039	ng/ul#	89
12) Fluorene	15.652	166	2094	0.031	ng/ul#	71
15) Phenanthrene	17.393	178	93340	0.888	ng/ul	100
16) Anthracene	17.486	178	8573	0.092	ng/ul#	91
19) Fluoranthene	19.409	202	126283	1.369	ng/ul#	95
20) Pyrene	19.771	202	114627	1.195	ng/ul	98
21) Benzo(a)anthracene	21.578	228	89836	1.261	ng/ul	93
22) Chrysene	21.578	228	89360	1.205	ng/ul	96
24) Benzo(b)fluoranthene	23.249	252	142314	2.025	ng/ul	97
26) Benzo(a)pyrene	23.887	252	59057	0.967	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.553	276	48526	0.728	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.557	278	13572	0.269	ng/ul#	74
29) Benzo(g,h,i)perylene	27.351	276	48121	0.811	ng/ul	99

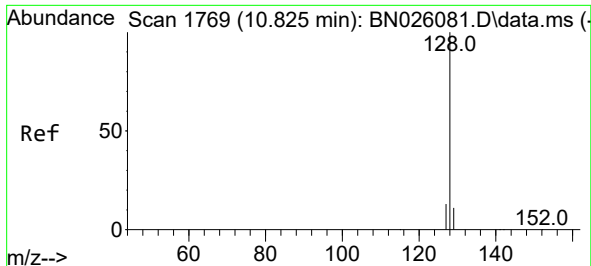
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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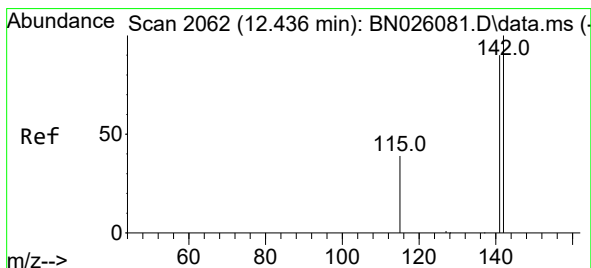
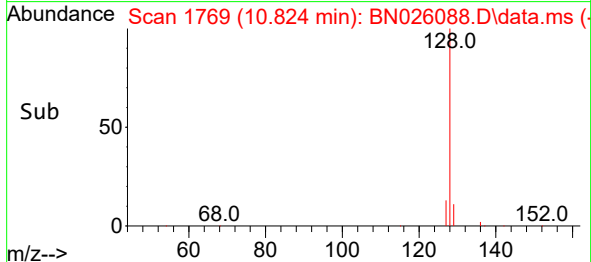
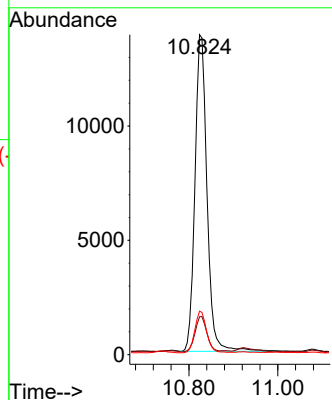
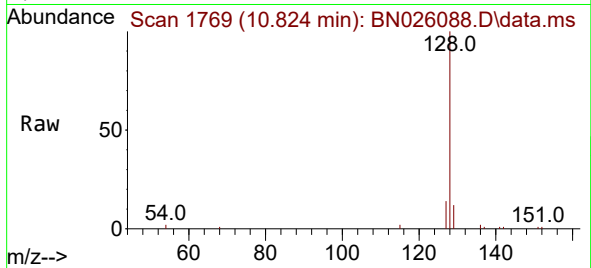




#5
Naphthalene
Concen: 0.368 ng/ul
RT: 10.824 min Scan# 1769
Delta R.T. -0.012 min
Lab File: BN026088.D
Acq: 29 Jun 2023 10:50

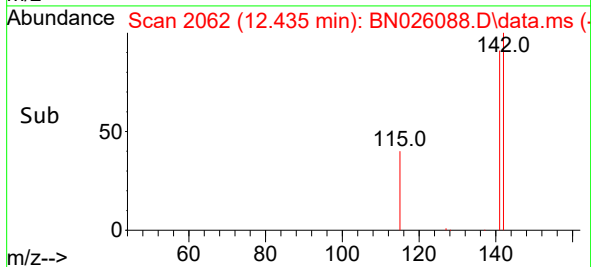
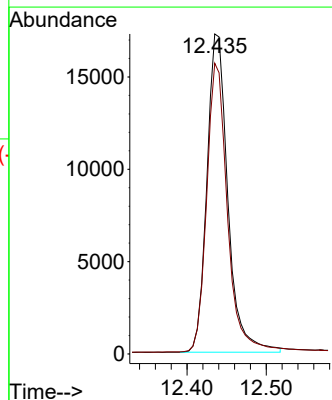
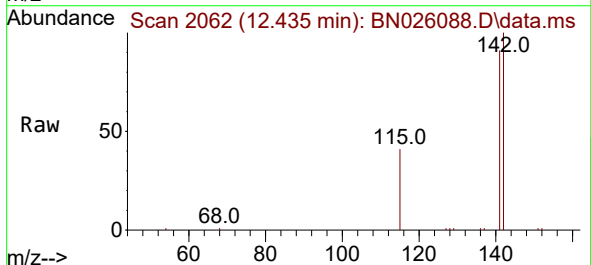
Instrument :
BNA_N
ClientSampleId :
DCFT7

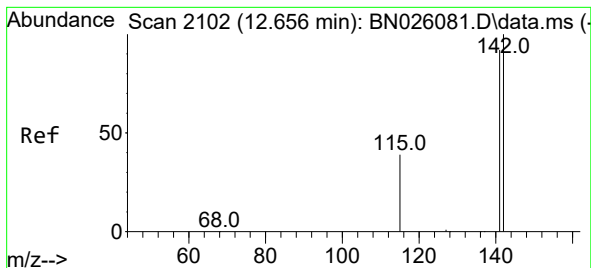
Tgt Ion:128 Resp: 26086
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.6 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.703 ng/ul
RT: 12.435 min Scan# 2062
Delta R.T. -0.012 min
Lab File: BN026088.D
Acq: 29 Jun 2023 10:50

Tgt Ion:142 Resp: 31706
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.540 ng/ul

RT: 12.655 min Scan# 2102

Delta R.T. -0.007 min

Lab File: BN026088.D

Acq: 29 Jun 2023 10:50

Instrument :

BNA_N

ClientSampleId :

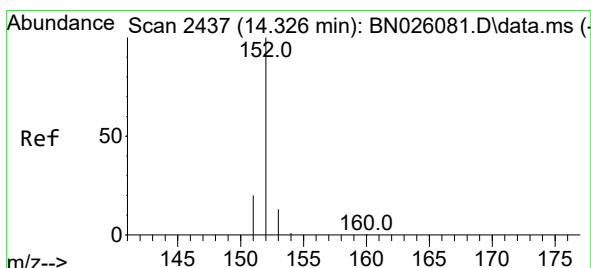
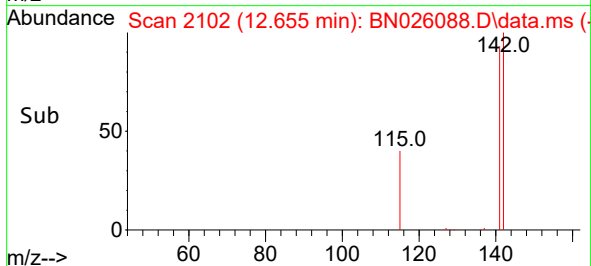
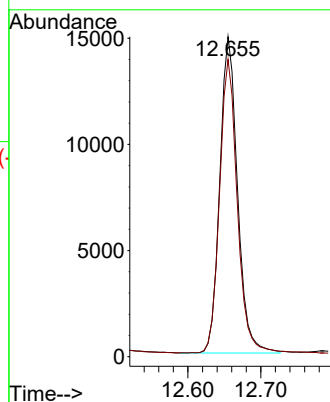
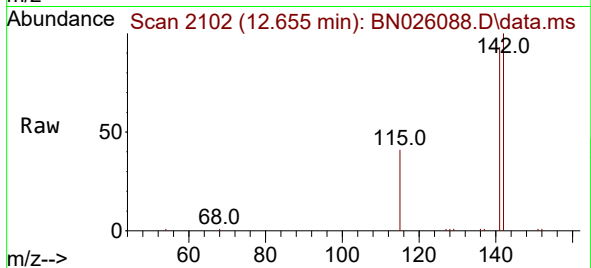
DCFT7

Tgt Ion:142 Resp: 25249

Ion Ratio Lower Upper

142 100

141 92.9 74.2 111.4



#10

Acenaphthylene

Concen: 0.155 ng/ul

RT: 14.324 min Scan# 2437

Delta R.T. -0.005 min

Lab File: BN026088.D

Acq: 29 Jun 2023 10:50

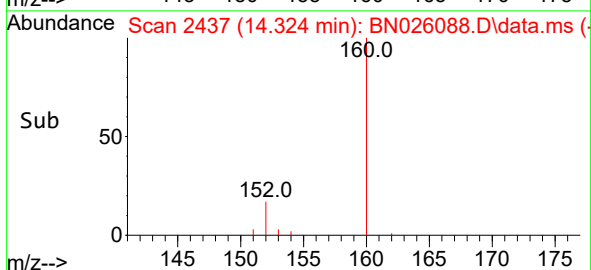
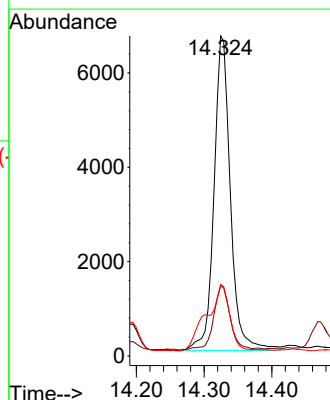
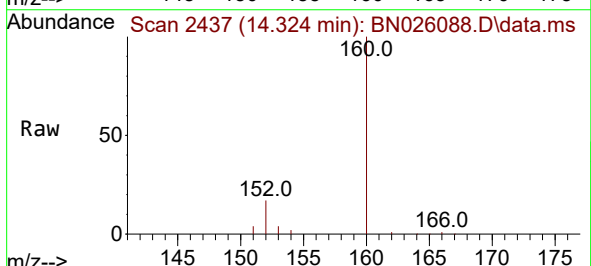
Tgt Ion:152 Resp: 11285

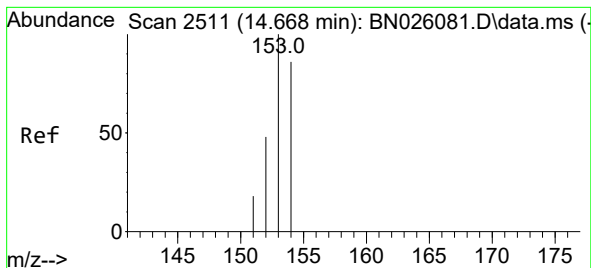
Ion Ratio Lower Upper

152 100

151 22.3 16.2 24.4

153 21.8 10.9 16.3#





#11

Acenaphthene

Concen: 0.039 ng/ul

RT: 14.671 min Scan# 2511

Delta R.T. -0.000 min

Lab File: BN026088.D

Acq: 29 Jun 2023 10:50

Instrument :

BNA_N

ClientSampleId :

DCFT7

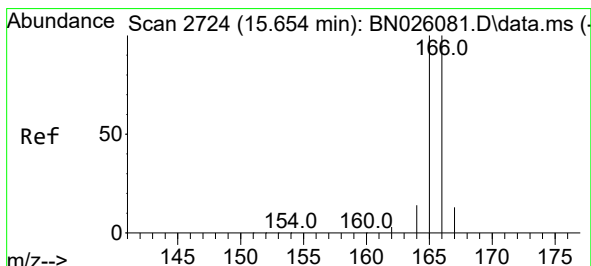
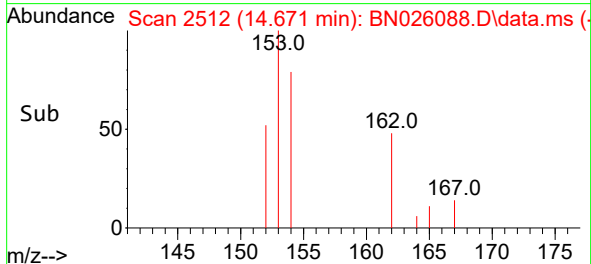
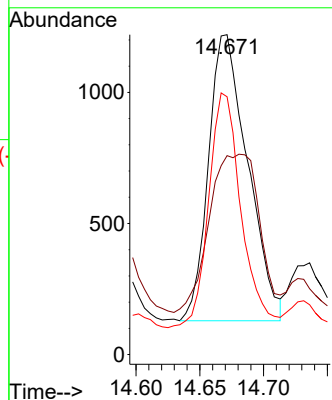
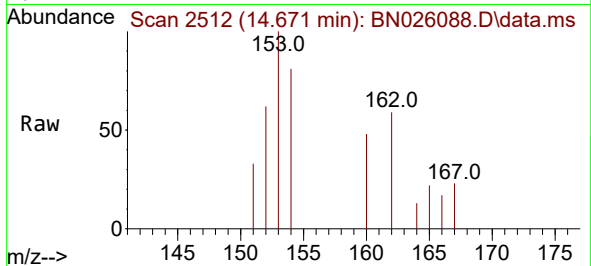
Tgt Ion:153 Resp: 2336

Ion Ratio Lower Upper

153 100

152 62.2 39.4 59.0#

154 80.6 68.9 103.3



#12

Fluorene

Concen: 0.031 ng/ul

RT: 15.652 min Scan# 2724

Delta R.T. -0.010 min

Lab File: BN026088.D

Acq: 29 Jun 2023 10:50

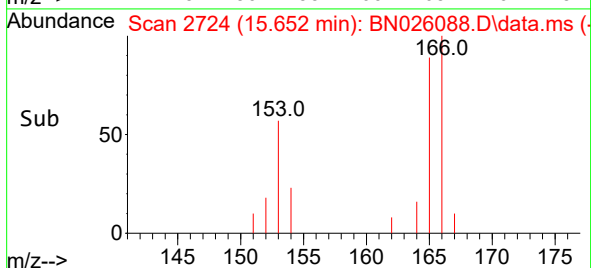
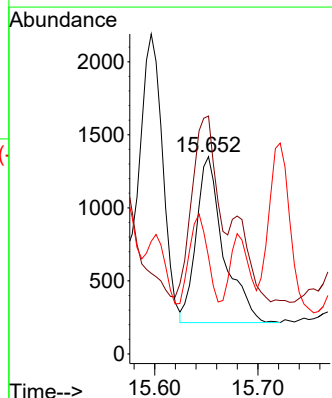
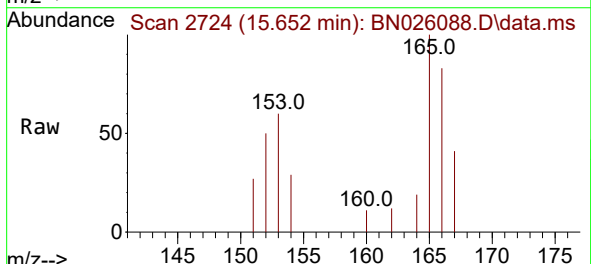
Tgt Ion:166 Resp: 2094

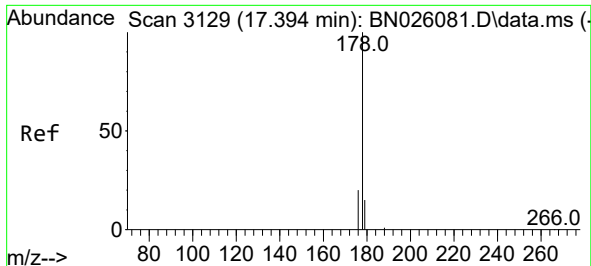
Ion Ratio Lower Upper

166 100

165 120.6 79.9 119.9#

167 49.1 10.8 16.2#

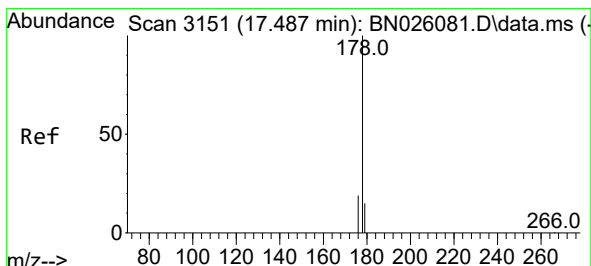
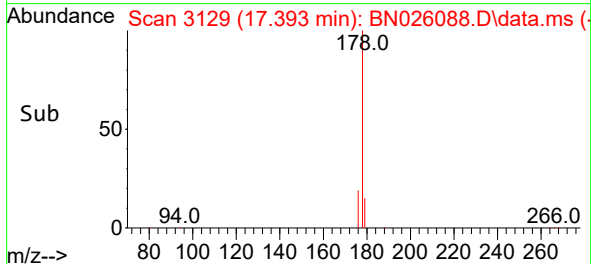
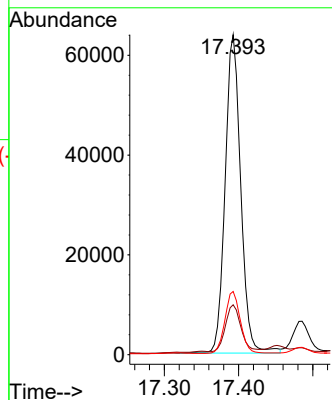
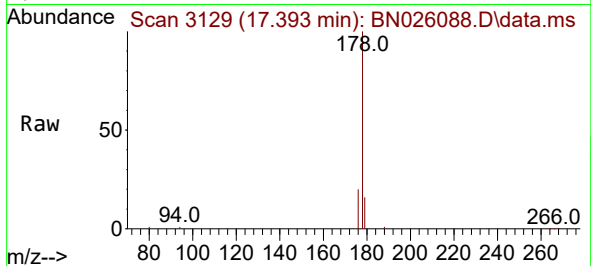




#15
Phenanthrene
Concen: 0.888 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BN026088.D
Acq: 29 Jun 2023 10:50

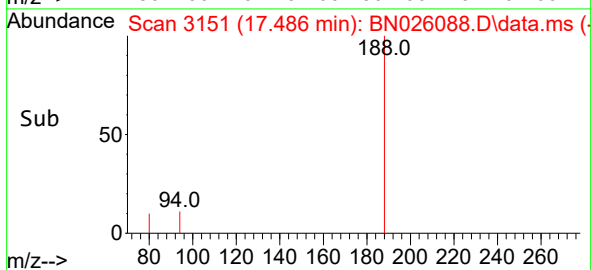
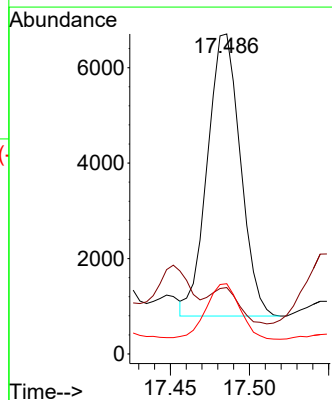
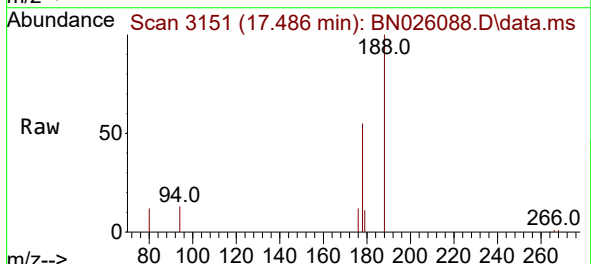
Instrument :
BNA_N
ClientSampleId :
DCFT7

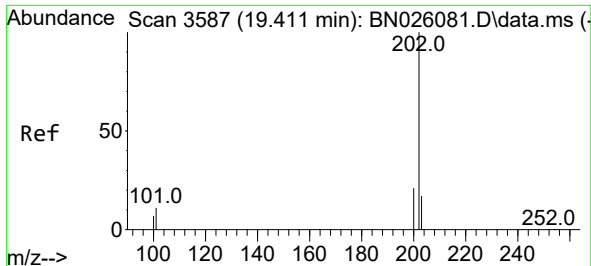
Tgt Ion:178 Resp: 93340
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.092 ng/ul
RT: 17.486 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BN026088.D
Acq: 29 Jun 2023 10:50

Tgt Ion:178 Resp: 8573
Ion Ratio Lower Upper
178 100
179 20.8 12.6 18.8#
176 21.9 15.1 22.7

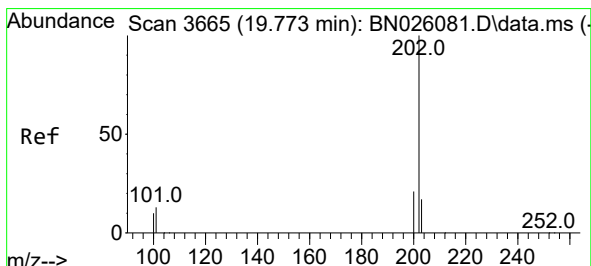
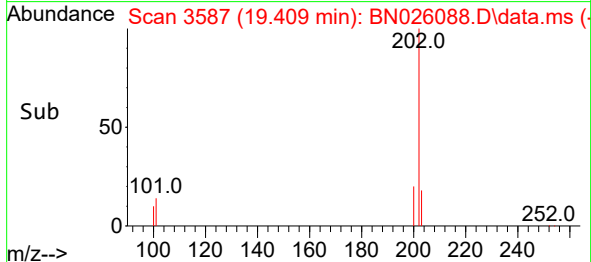
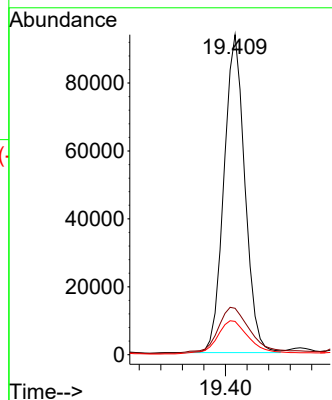
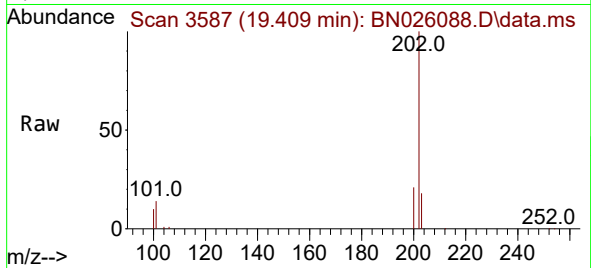




#19
Fluoranthene
Concen: 1.369 ng/ul
RT: 19.409 min Scan# 3587
Delta R.T. -0.006 min
Lab File: BN026088.D
Acq: 29 Jun 2023 10:50

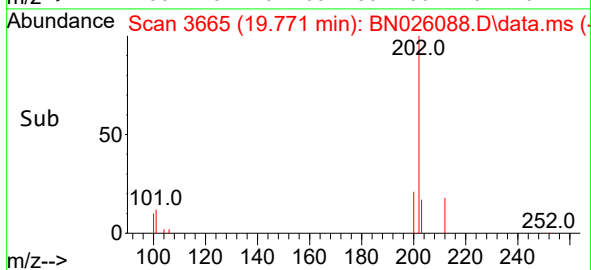
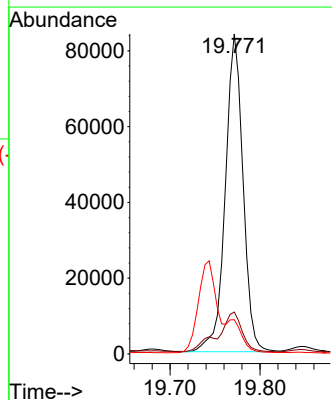
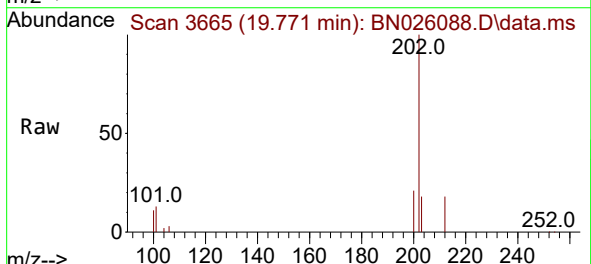
Instrument :
BNA_N
ClientSampleId :
DCFT7

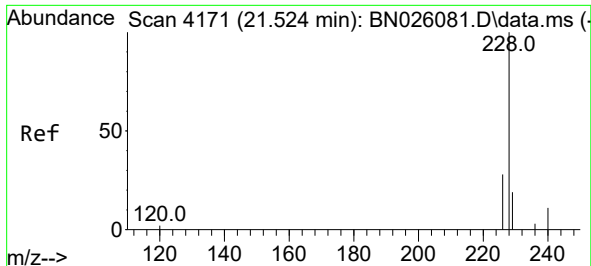
Tgt Ion:202 Resp: 126283
Ion Ratio Lower Upper
202 100
101 14.5 9.5 14.3#
100 10.4 7.3 10.9



#20
Pyrene
Concen: 1.195 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.006 min
Lab File: BN026088.D
Acq: 29 Jun 2023 10:50

Tgt Ion:202 Resp: 114627
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 10.7 9.1 13.7

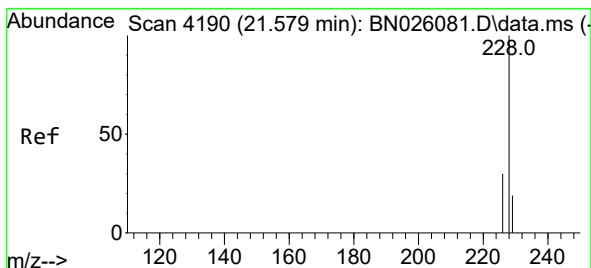
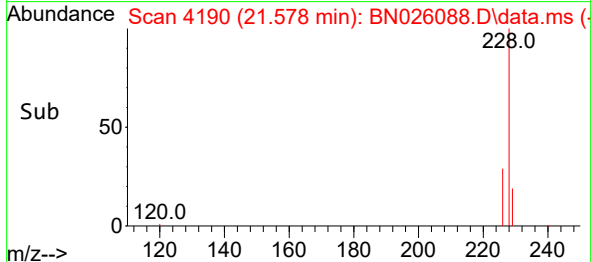
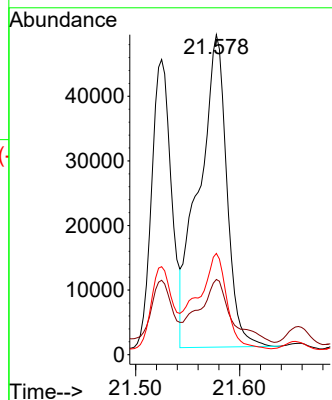
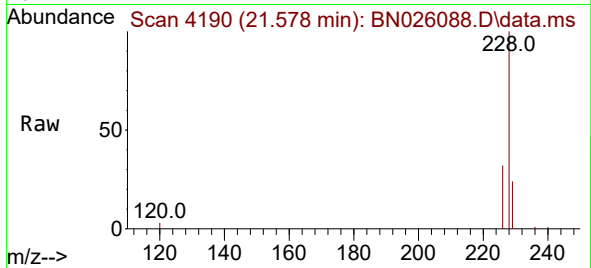




#21
Benzo(a)anthracene
Concen: 1.261 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. 0.049 min
Lab File: BN026088.D
Acq: 29 Jun 2023 10:50

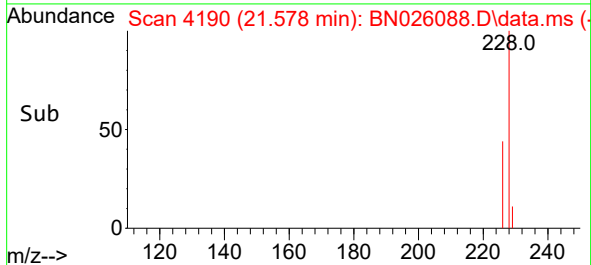
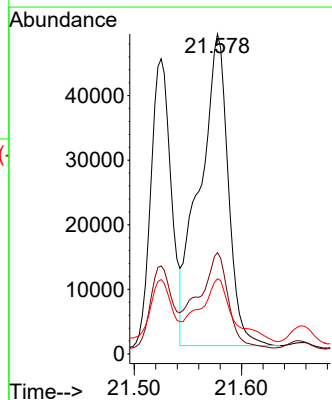
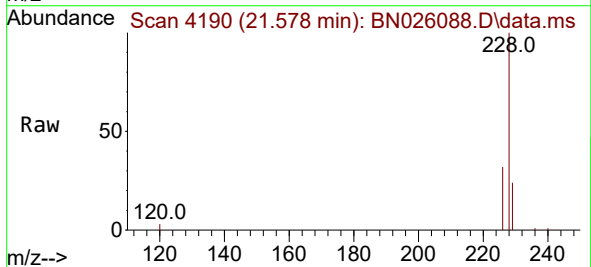
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DCFT7

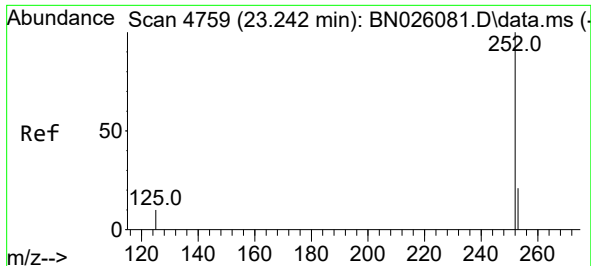
Tgt Ion:228 Resp: 89836
Ion Ratio Lower Upper
228 100
229 23.5 15.8 23.6
226 31.6 22.5 33.7



#22
Chrysene
Concen: 1.205 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. -0.001 min
Lab File: BN026088.D
Acq: 29 Jun 2023 10:50

Tgt Ion:228 Resp: 89360
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 23.5 15.7 23.5

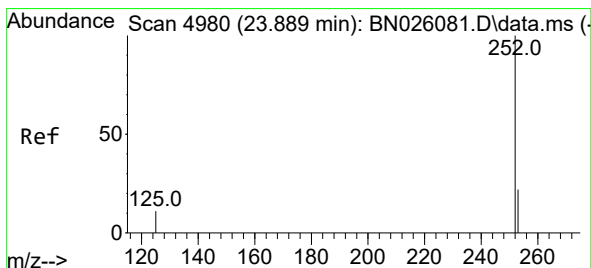
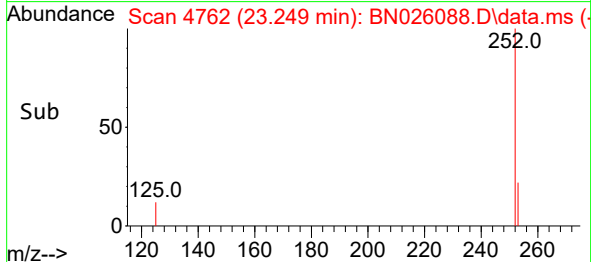
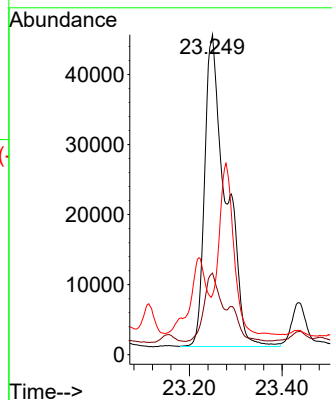
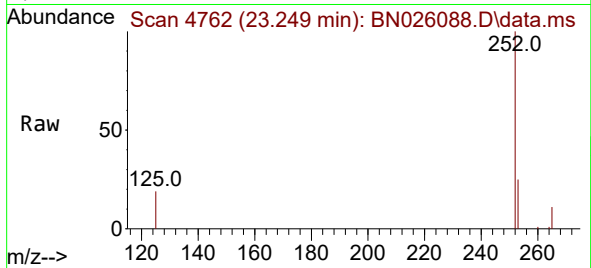




#24
Benzo(b)fluoranthene
Concen: 2.025 ng/ul
RT: 23.249 min Scan# 4762
Delta R.T. -0.004 min
Lab File: BN026088.D
Acq: 29 Jun 2023 10:50

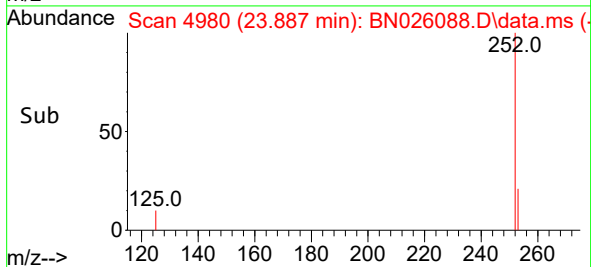
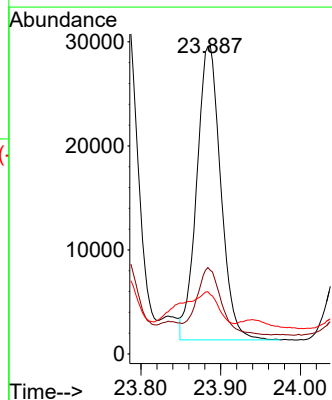
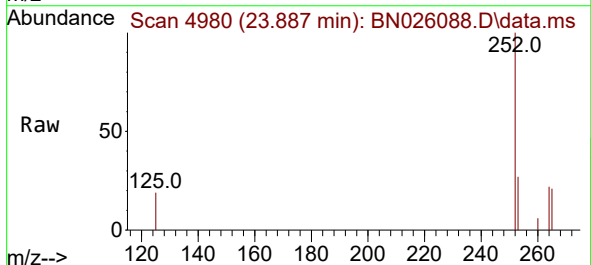
Instrument :
BNA_N
ClientSampleId :
DCFT7

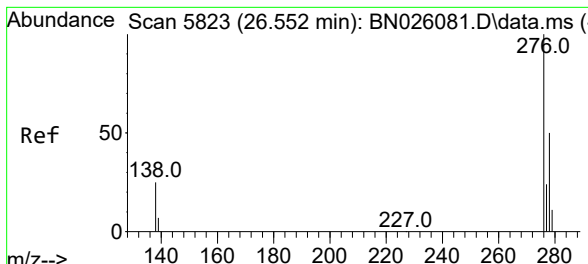
Tgt Ion:252 Resp: 142314
Ion Ratio Lower Upper
252 100
253 25.5 0.0 55.6
125 18.7 0.0 35.8



#26
Benzo(a)pyrene
Concen: 0.967 ng/ul
RT: 23.887 min Scan# 4980
Delta R.T. -0.018 min
Lab File: BN026088.D
Acq: 29 Jun 2023 10:50

Tgt Ion:252 Resp: 59057
Ion Ratio Lower Upper
252 100
253 27.2 26.0 39.0
125 19.3 17.3 25.9



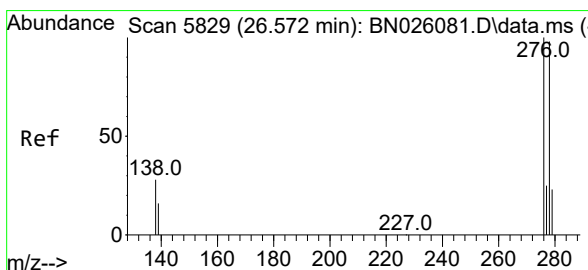
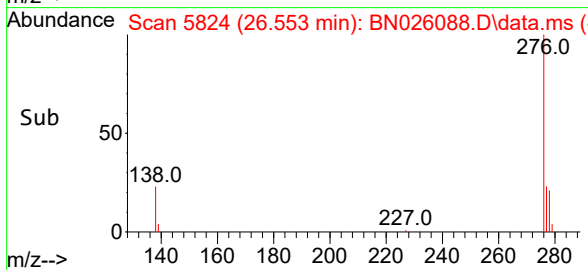
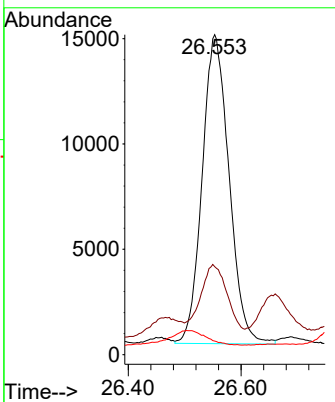
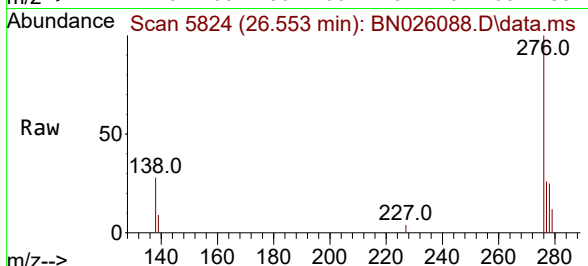


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.728 ng/ul
 RT: 26.553 min Scan# 5824
 Delta R.T. -0.041 min
 Lab File: BN026088.D
 Acq: 29 Jun 2023 10:50

Instrument :
 BNA_N
 ClientSampleId :
 DCFT7

Tgt Ion:276 Resp: 48526

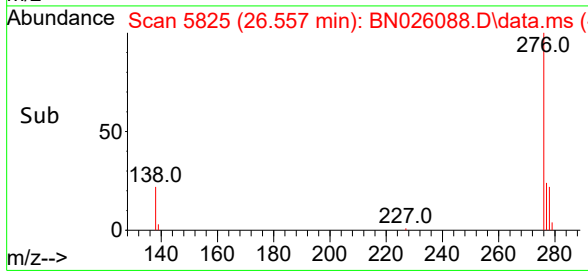
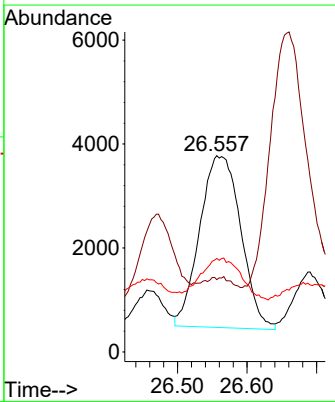
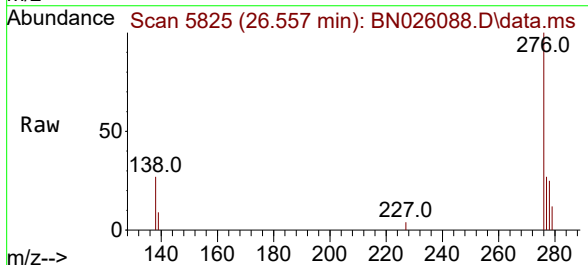
Ion	Ratio	Lower	Upper
276	100		
138	22.0	24.5	36.7#
227	0.0	0.0	0.0

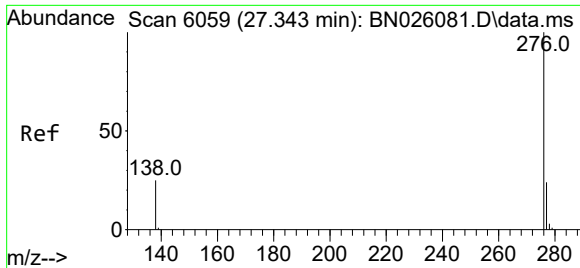


#28
 Dibenzo(a,h)anthracene
 Concen: 0.269 ng/ul
 RT: 26.557 min Scan# 5825
 Delta R.T. -0.058 min
 Lab File: BN026088.D
 Acq: 29 Jun 2023 10:50

Tgt Ion:278 Resp: 13572

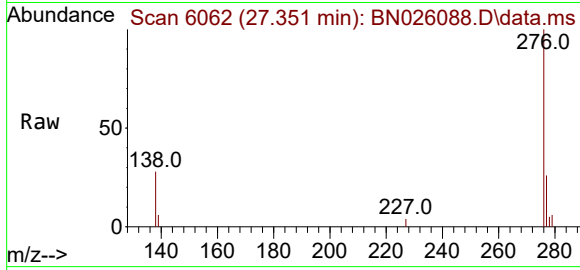
Ion	Ratio	Lower	Upper
278	100		
139	36.8	19.0	28.4#
279	47.6	26.7	40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.811 ng/ul
RT: 27.351 min Scan# 6062
Delta R.T. -0.034 min
Lab File: BN026088.D
Acq: 29 Jun 2023 10:50

Instrument :
BNA_N
ClientSampleId :
DCFT7



Tgt Ion:276 Resp: 48121
Ion Ratio Lower Upper
276 100
138 28.4 23.4 35.0
277 25.5 20.0 30.0

