

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026127.D
 Acq On : 30 Jun 2023 12:43
 Operator : MA/JU
 Sample : 03239-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGA3

Quant Time: Jul 01 00:55:03 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

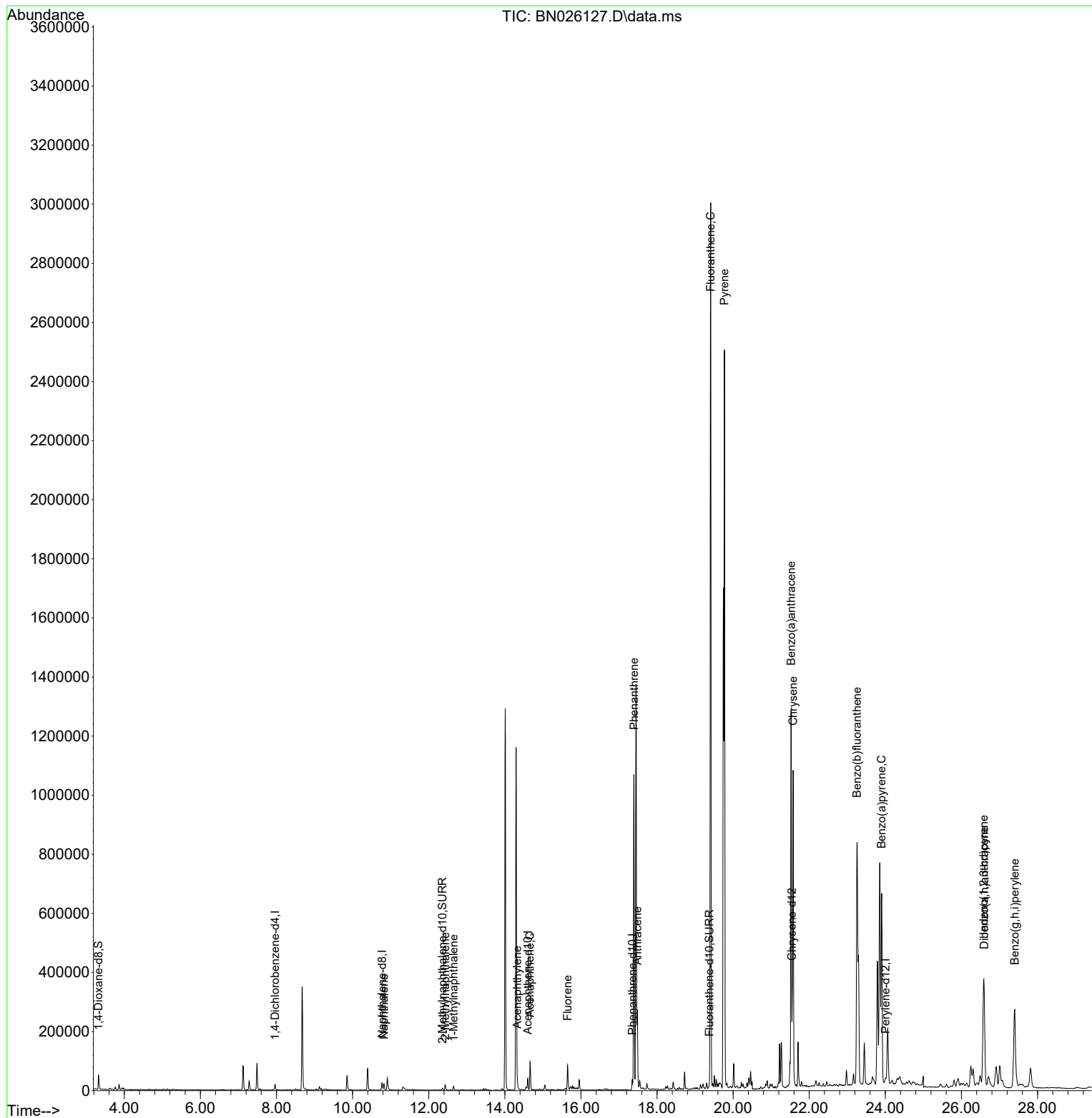
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	10889	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.774	136	34757	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	21218	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	41867	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	22948	0.400	ng/ul	0.00
23) Perylene-d12	24.004	264	23491	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	32187	2.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.358	152	9996	0.187	ng/ul	-0.01
18) Fluoranthene-d10	19.376	212	18138	0.208	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.824	128	30917	0.310	ng/ul	99
7) 2-Methylnaphthalene	12.435	142	14324	0.226	ng/ul	99
8) 1-Methylnaphthalene	12.655	142	9828	0.150	ng/ul	99
10) Acenaphthylene	14.324	152	38890	0.391	ng/ul	99
11) Acenaphthene	14.662	153	58078	0.715	ng/ul	99
12) Fluorene	15.648	166	53981	0.579	ng/ul	99
15) Phenanthrene	17.393	178	1140941	8.250	ng/ul	99
16) Anthracene	17.481	178	261275	2.126	ng/ul	100
19) Fluoranthene	19.409	202	2637602	21.519	ng/ul	97
20) Pyrene	19.771	202	2099699	16.470	ng/ul	96
21) Benzo(a)anthracene	21.522	228	1122991	11.862	ng/ul	99
22) Chrysene	21.575	228	1065626	10.818	ng/ul	97
24) Benzo(b)fluoranthene	23.255	252	1918498	19.135	ng/ul	89
26) Benzo(a)pyrene	23.901	252	942602	10.824	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.587	276	659793	6.937	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.600	278	171068	2.376	ng/ul	92
29) Benzo(g,h,i)perylene	27.398	276	599116	7.081	ng/ul#	93

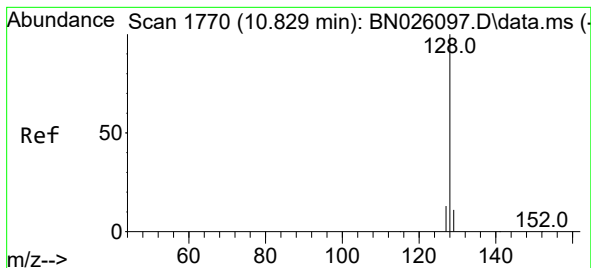
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.310 ng/ul

RT: 10.824 min Scan# 1769

Delta R.T. -0.012 min

Lab File: BN026127.D

Acq: 30 Jun 2023 12:43

Instrument :

BNA_N

ClientSampleId :

DCGA3

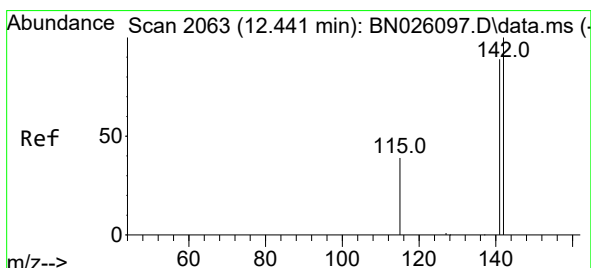
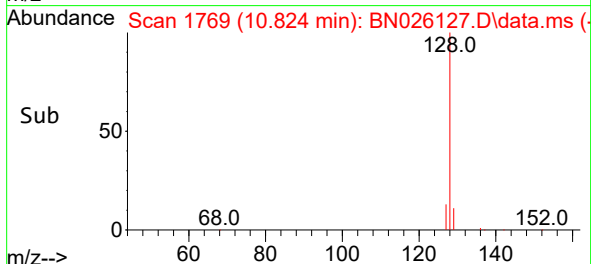
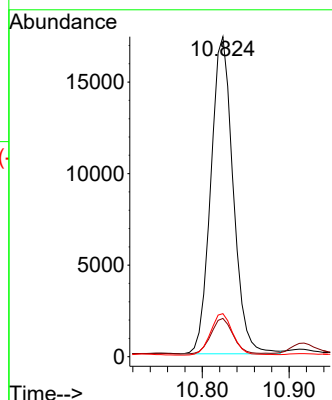
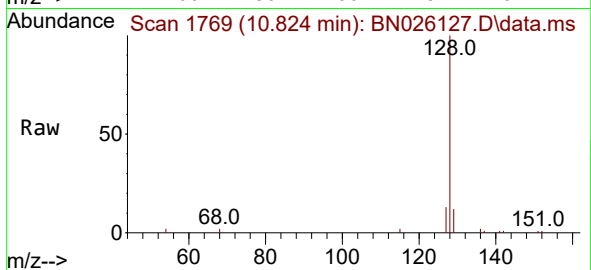
Tgt Ion:128 Resp: 30917

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

127 13.5 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.226 ng/ul

RT: 12.435 min Scan# 2062

Delta R.T. -0.012 min

Lab File: BN026127.D

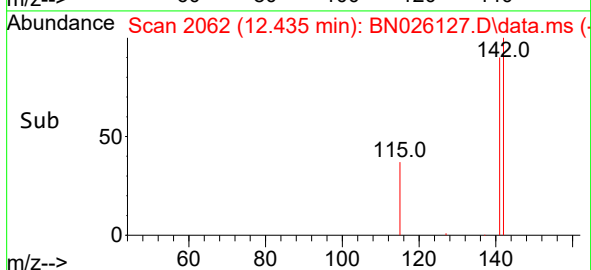
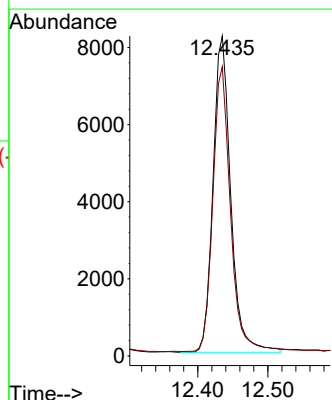
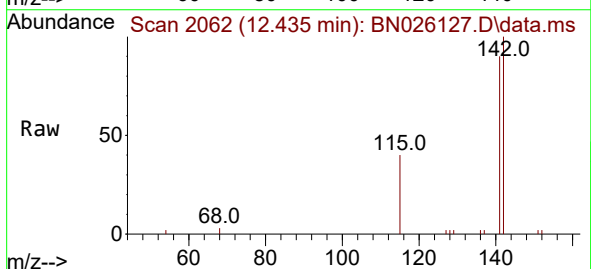
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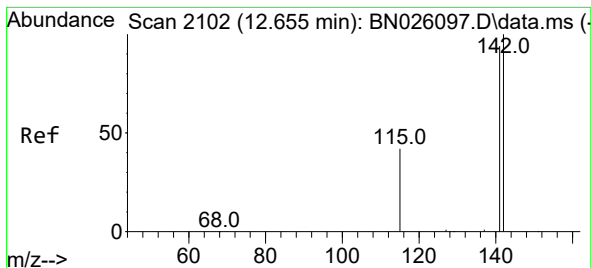
Tgt Ion:142 Resp: 14324

Ion Ratio Lower Upper

142 100

141 89.4 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.150 ng/ul

RT: 12.655 min Scan# 2102

Delta R.T. -0.007 min

Lab File: BN026127.D

Acq: 30 Jun 2023 12:43

Instrument :

BNA_N

ClientSampleId :

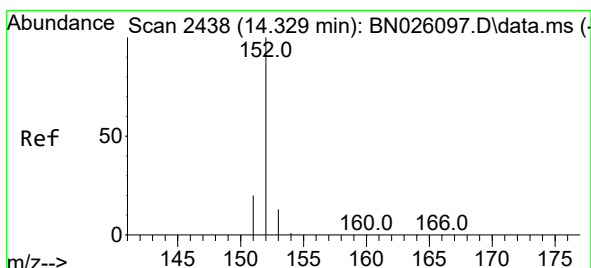
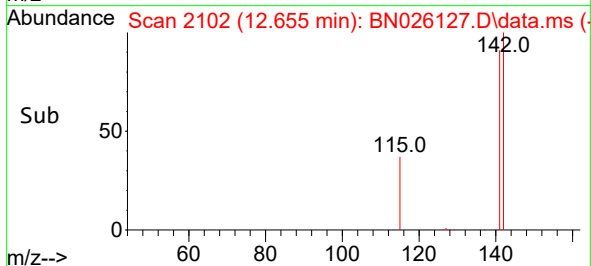
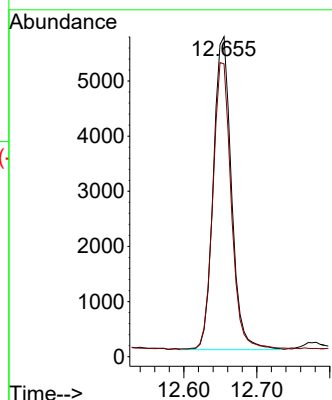
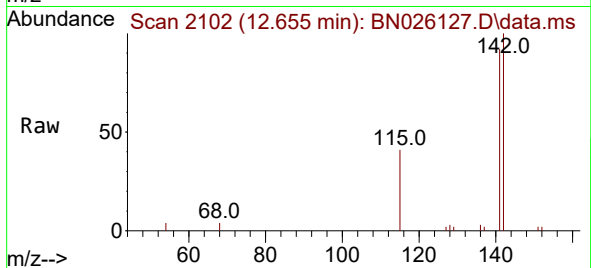
DCGA3

Tgt Ion:142 Resp: 9828

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4



#10

Acenaphthylene

Concen: 0.391 ng/ul

RT: 14.324 min Scan# 2437

Delta R.T. -0.005 min

Lab File: BN026127.D

Acq: 30 Jun 2023 12:43

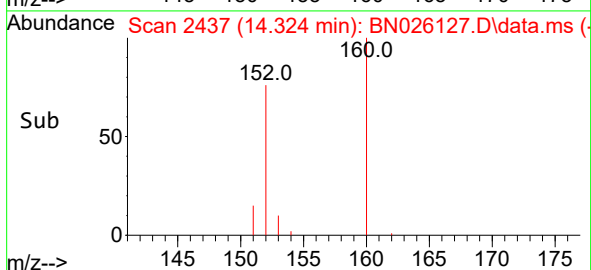
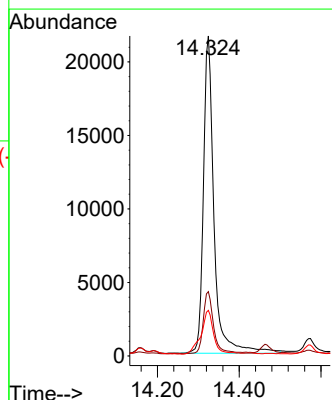
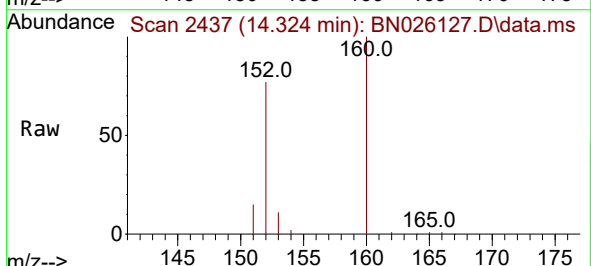
Tgt Ion:152 Resp: 38890

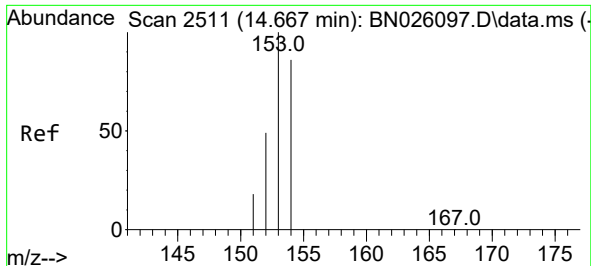
Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 14.2 10.9 16.3

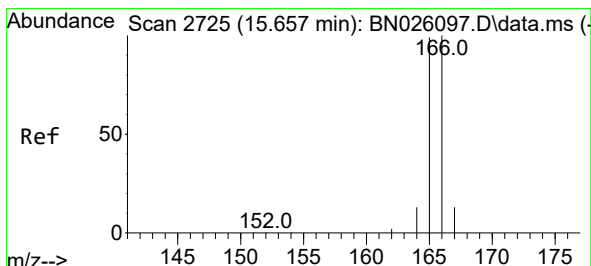
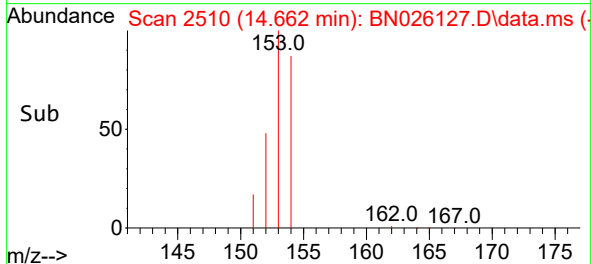
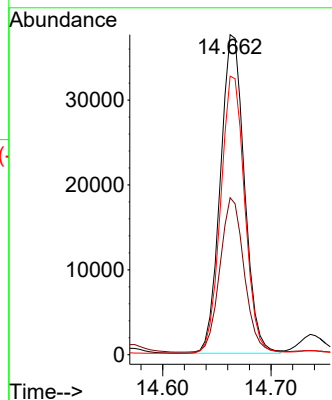
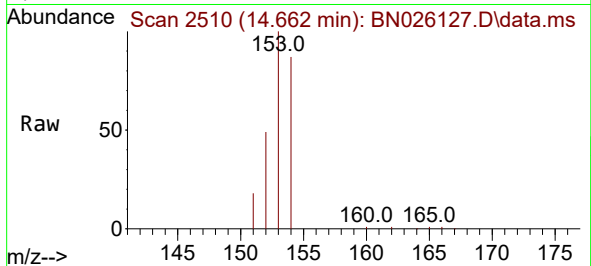




#11
Acenaphthene
Concen: 0.715 ng/ul
RT: 14.662 min Scan# 2510
Delta R.T. -0.010 min
Lab File: BN026127.D
Acq: 30 Jun 2023 12:43

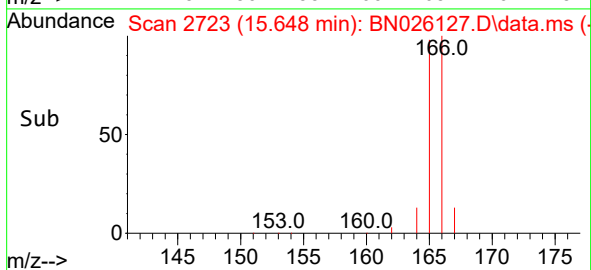
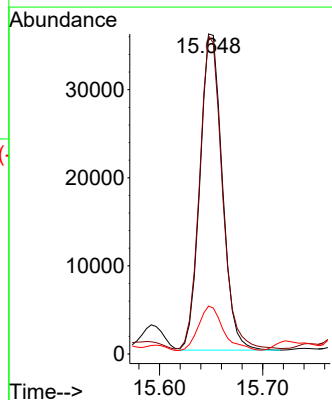
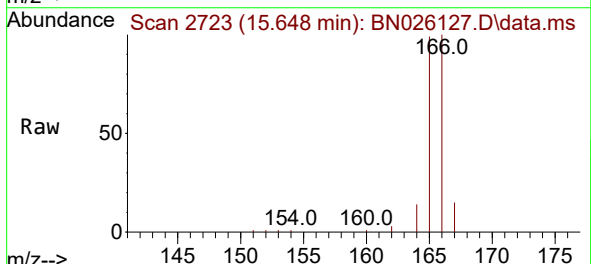
Instrument :
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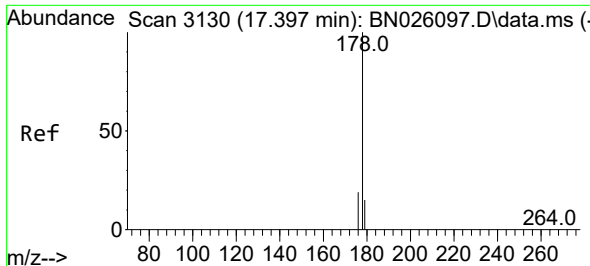
Tgt Ion:153 Resp: 58078
Ion Ratio Lower Upper
153 100
152 49.0 39.4 59.0
154 87.1 68.9 103.3



#12
Fluorene
Concen: 0.579 ng/ul
RT: 15.648 min Scan# 2723
Delta R.T. -0.014 min
Lab File: BN026127.D
Acq: 30 Jun 2023 12:43

Tgt Ion:166 Resp: 53981
Ion Ratio Lower Upper
166 100
165 99.5 79.9 119.9
167 15.0 10.8 16.2

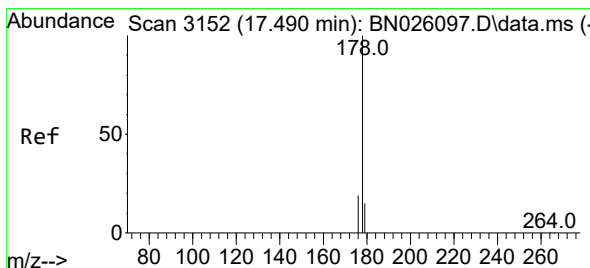
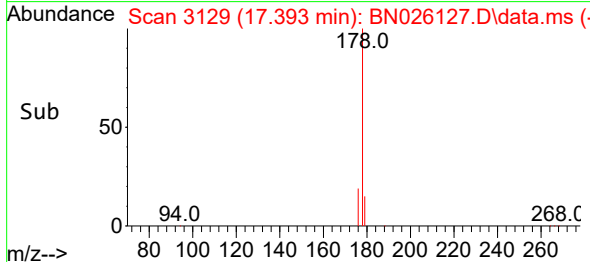
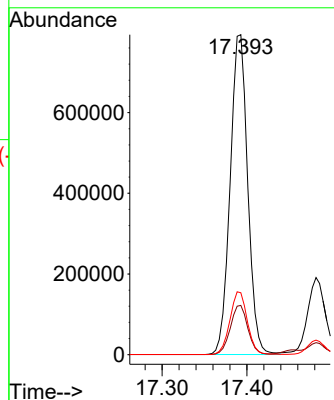
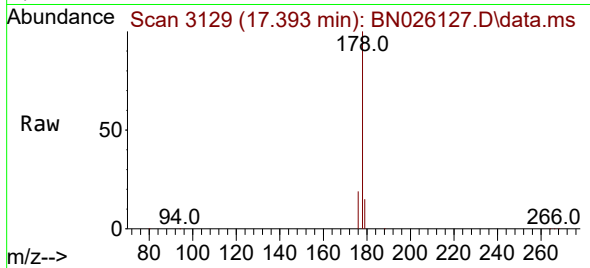




#15
Phenanthrene
Concen: 8.250 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BN026127.D
Acq: 30 Jun 2023 12:43

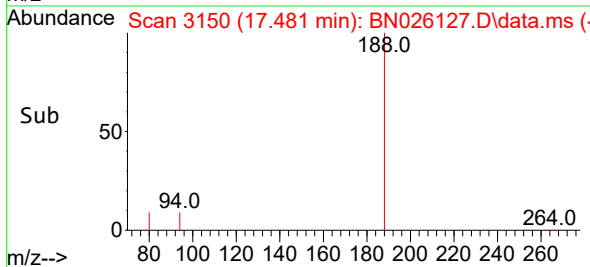
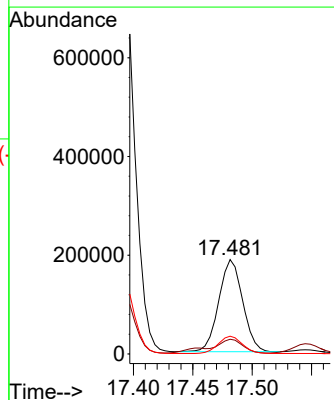
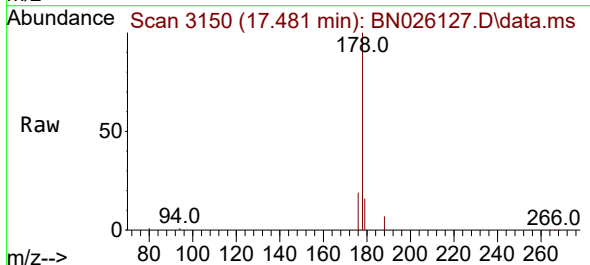
Instrument :
BNA_N
ClientSampleId :
DCGA3

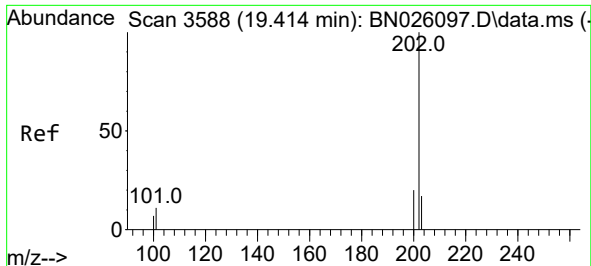
Tgt Ion:178 Resp: 1140941
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.4 15.8 23.6



#16
Anthracene
Concen: 2.126 ng/ul
RT: 17.481 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BN026127.D
Acq: 30 Jun 2023 12:43

Tgt Ion:178 Resp: 261275
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 18.9 15.1 22.7

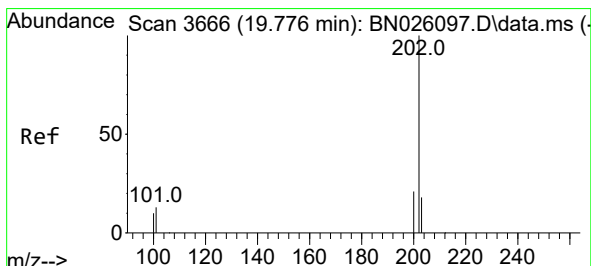
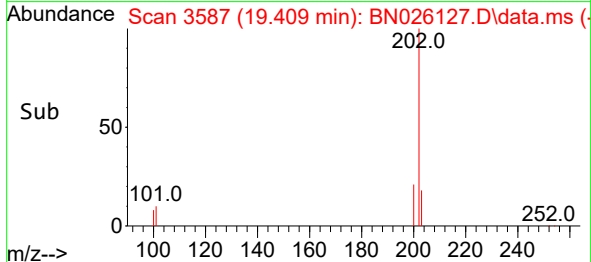
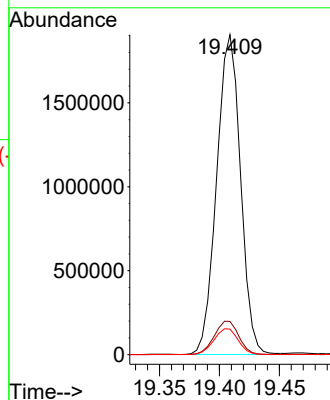
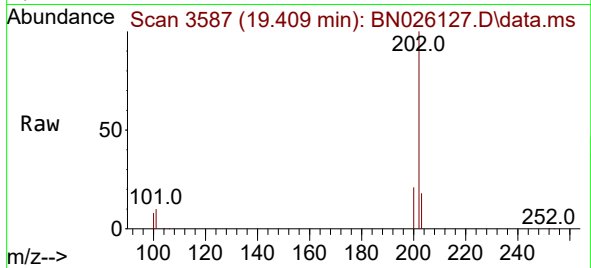




#19
Fluoranthene
Concen: 21.519 ng/ul
RT: 19.409 min Scan# 3587
Delta R.T. -0.006 min
Lab File: BN026127.D
Acq: 30 Jun 2023 12:43

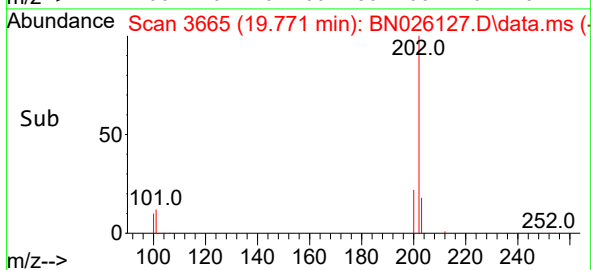
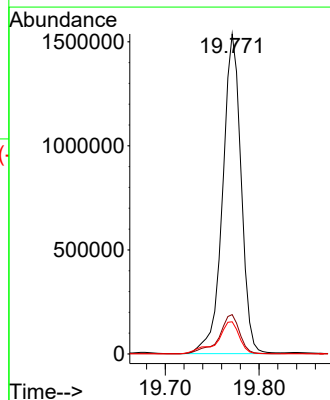
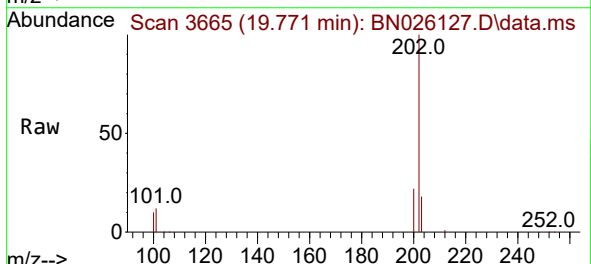
Instrument :
BNA_N
ClientSampleId :
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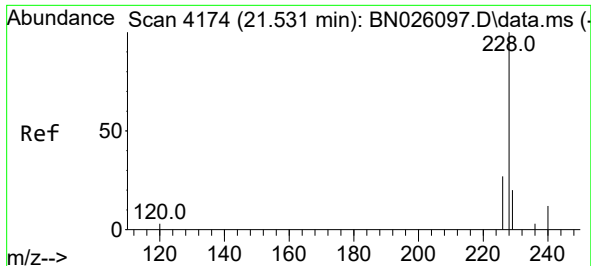
Tgt Ion:202 Resp: 2637602
Ion Ratio Lower Upper
202 100
101 10.4 9.5 14.3
100 8.0 7.3 10.9



#20
Pyrene
Concen: 16.470 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.006 min
Lab File: BN026127.D
Acq: 30 Jun 2023 12:43

Tgt Ion:202 Resp: 2099699
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.1 9.1 13.7

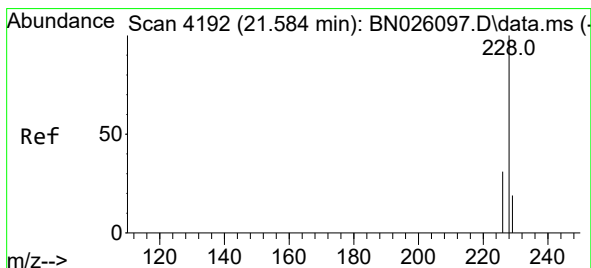
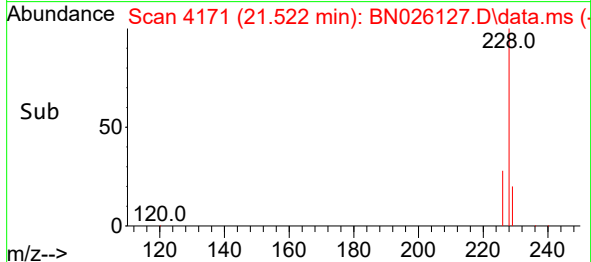
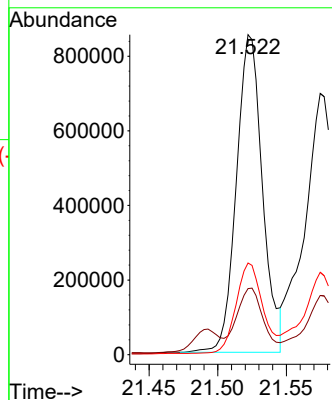
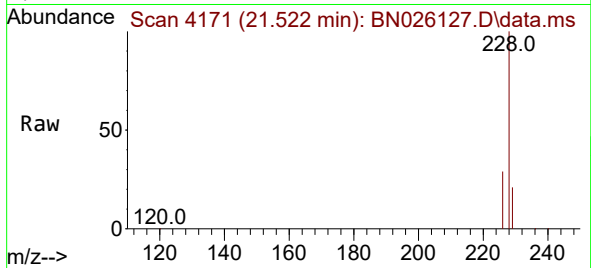




#21
Benzo(a)anthracene
Concen: 11.862 ng/ul
RT: 21.522 min Scan# 4171
Delta R.T. -0.007 min
Lab File: BN026127.D
Acq: 30 Jun 2023 12:43

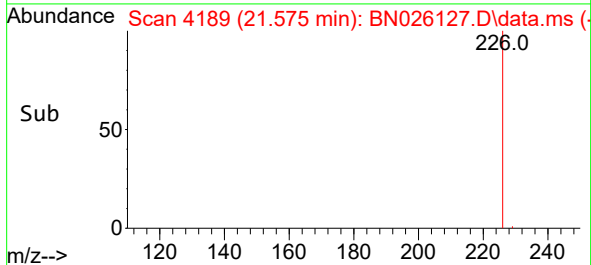
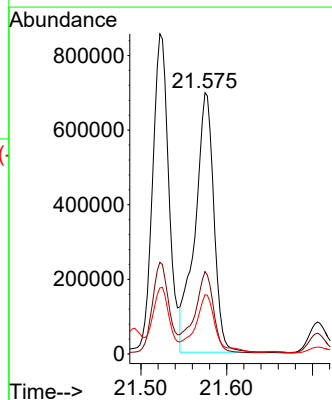
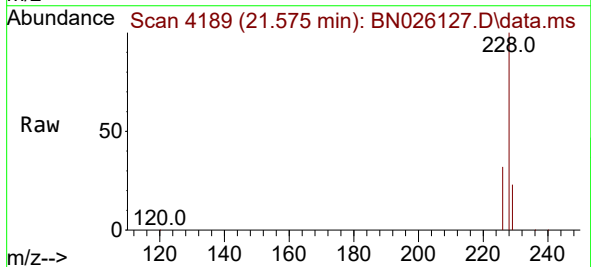
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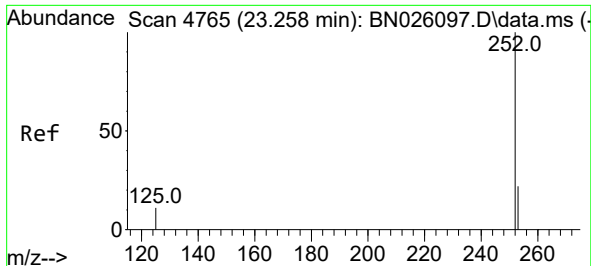
Tgt Ion:228 Resp: 1122991
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 28.6 22.5 33.7



#22
Chrysene
Concen: 10.818 ng/ul
RT: 21.575 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026127.D
Acq: 30 Jun 2023 12:43

Tgt Ion:228 Resp: 1065626
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 22.6 15.7 23.5

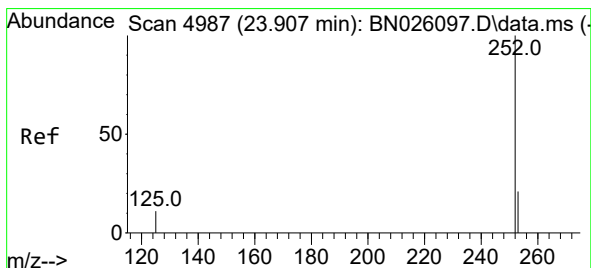
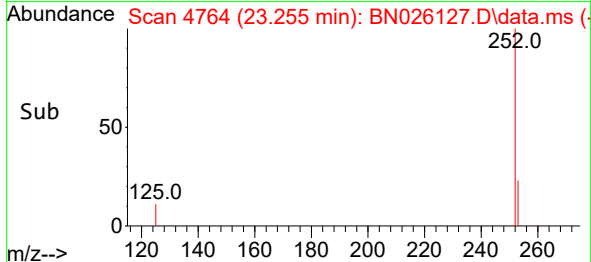
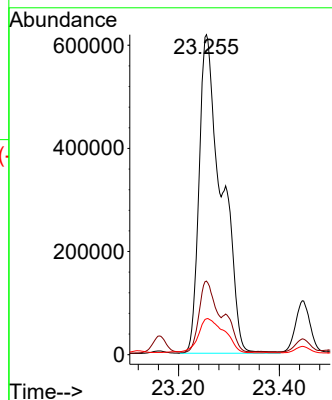
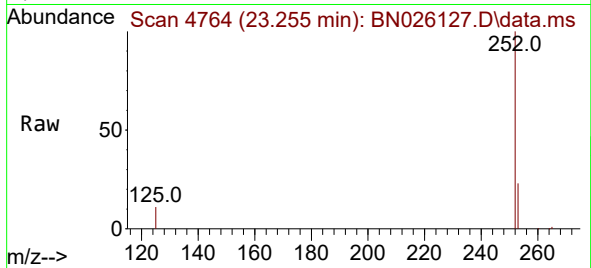




#24
Benzo(b)fluoranthene
Concen: 19.135 ng/ul
RT: 23.255 min Scan# 4764
Delta R.T. 0.002 min
Lab File: BN026127.D
Acq: 30 Jun 2023 12:43

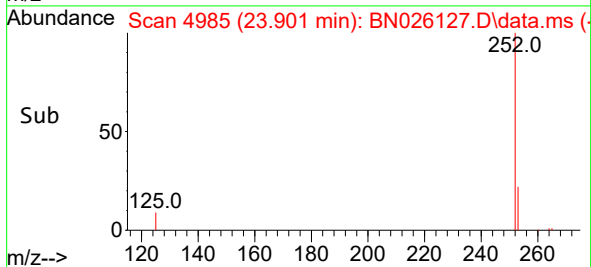
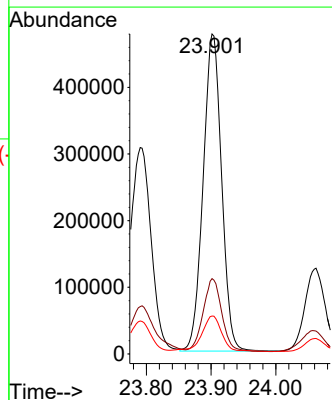
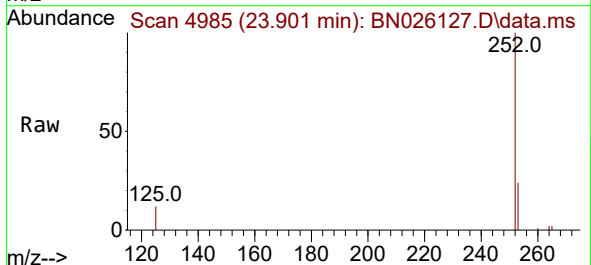
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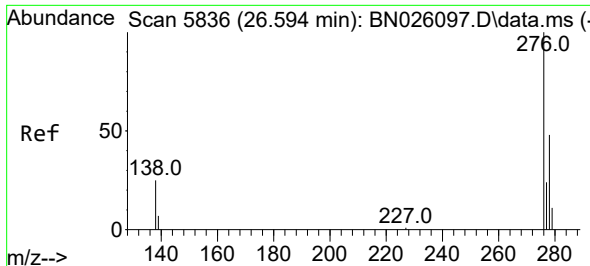
Tgt Ion:252 Resp: 1918498
Ion Ratio Lower Upper
252 100
253 23.0 0.0 55.6
125 11.2 0.0 35.8



#26
Benzo(a)pyrene
Concen: 10.824 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.004 min
Lab File: BN026127.D
Acq: 30 Jun 2023 12:43

Tgt Ion:252 Resp: 942602
Ion Ratio Lower Upper
252 100
253 23.5 26.0 39.0#
125 11.9 17.3 25.9#

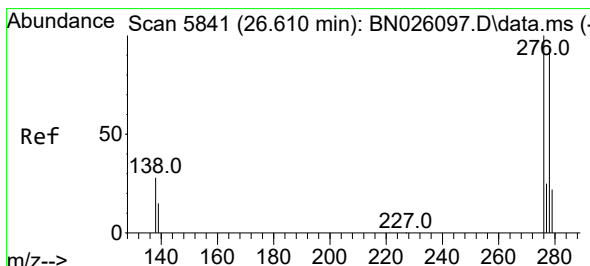
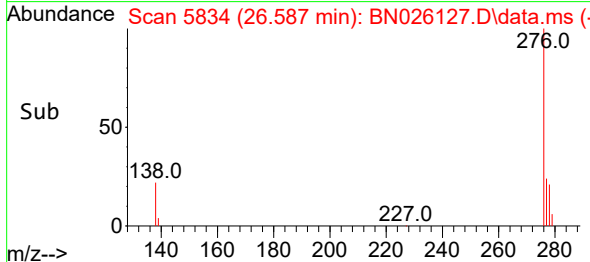
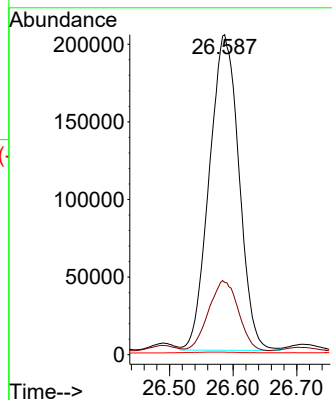
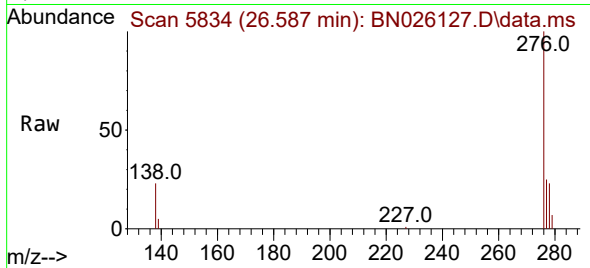




#27
Indeno(1,2,3-cd)pyrene
Concen: 6.937 ng/ul
RT: 26.587 min Scan# 5834
Delta R.T. -0.008 min
Lab File: BN026127.D
Acq: 30 Jun 2023 12:43

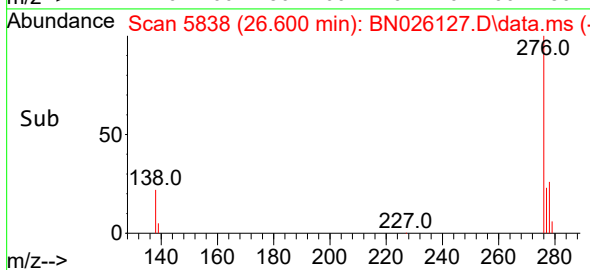
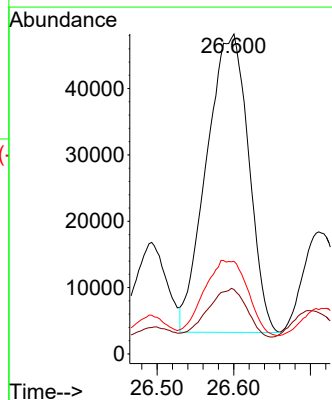
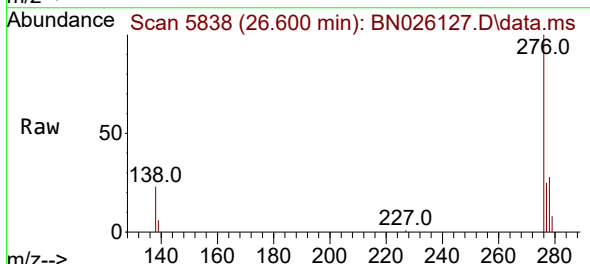
Instrument :
BNA_N
ClientSampleId :
DCGA3

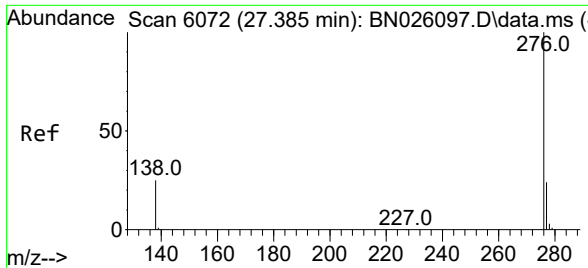
Tgt Ion:276 Resp: 659793
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7#
227 0.5 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 2.376 ng/ul
RT: 26.600 min Scan# 5838
Delta R.T. -0.014 min
Lab File: BN026127.D
Acq: 30 Jun 2023 12:43

Tgt Ion:278 Resp: 171068
Ion Ratio Lower Upper
278 100
139 20.1 19.0 28.4
279 29.0 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 7.081 ng/ul
 RT: 27.398 min Scan# 6076
 Delta R.T. 0.013 min
 Lab File: BN026127.D
 Acq: 30 Jun 2023 12:43

Instrument :
 BNA_N
 ClientSampleId :
 DCGA3

Tgt Ion:	276	Resp:	599116
Ion Ratio	Lower	Upper	
276	100		
138	23.2	23.4	35.0#
277	24.0	20.0	30.0

