

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026687.D
 Acq On : 23 Jul 2023 22:00
 Operator : MA/JU
 Sample : 03472-22RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 24 00:43:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

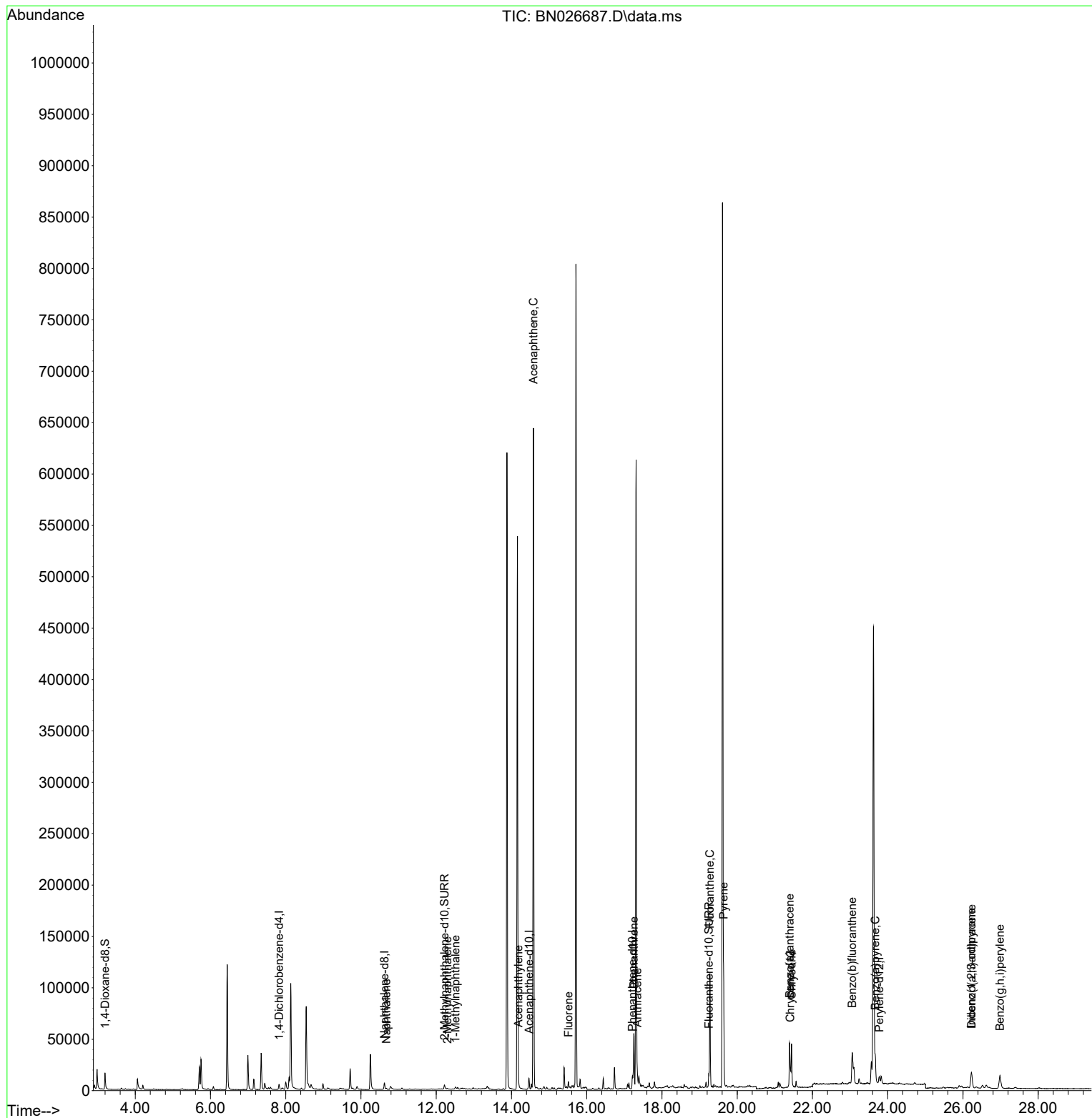
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	2855	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	9372	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.467	164	6172	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	25426	0.400	ng/ul	0.00
17) Chrysene-d12	21.408	240	8919	0.400	ng/ul	0.00
23) Perylene-d12	23.775	264	9947	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.195	96	11091	2.950	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	6597	0.518	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	16148	0.522	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	1754	0.068	ng/ul#	85
7) 2-Methylnaphthalene	12.297	142	622	0.043	ng/ul	93
8) 1-Methylnaphthalene	12.511	142	1650	0.105	ng/ul	93
10) Acenaphthylene	14.185	152	3677	0.122	ng/ul#	86
11) Acenaphthene	14.583	153	205619	8.930	ng/ul#	1
12) Fluorene	15.512	166	4508	0.187	ng/ul#	94
15) Phenanthrene	17.253	178	54218	0.670	ng/ul	99
16) Anthracene	17.346	178	8183	0.116	ng/ul	97
19) Fluoranthene	19.274	202	97876	2.341	ng/ul	98
20) Pyrene	19.636	202	92185	2.030	ng/ul	99
21) Benzo(a)anthracene	21.390	228	38573	1.177	ng/ul	97
22) Chrysene	21.443	228	44720	1.199	ng/ul	97
24) Benzo(b)fluoranthene	23.056	252	76139	1.965	ng/ul	89
26) Benzo(a)pyrene	23.667	252	34412	0.998	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.224	276	28106	0.622	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.227	278	6594	0.190	ng/ul#	84
29) Benzo(g,h,i)perylene	26.982	276	28460	0.713	ng/ul#	93

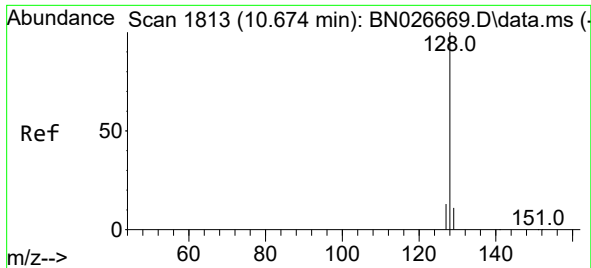
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026687.D
Acq On : 23 Jul 2023 22:00
Operator : MA/JU
Sample : 03472-22RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 24 00:43:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration

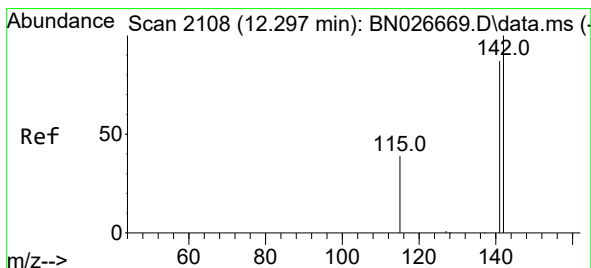
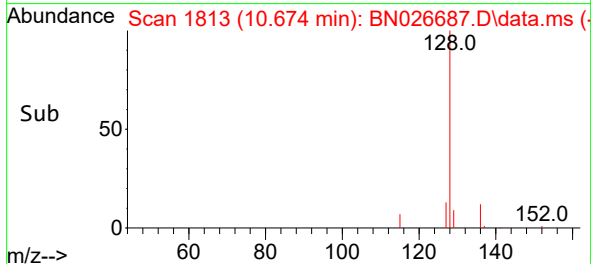
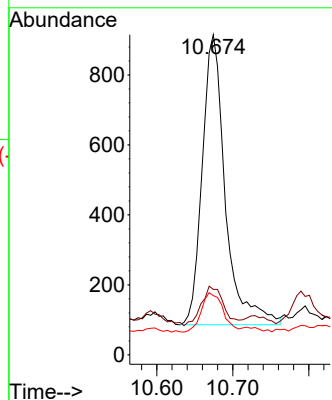
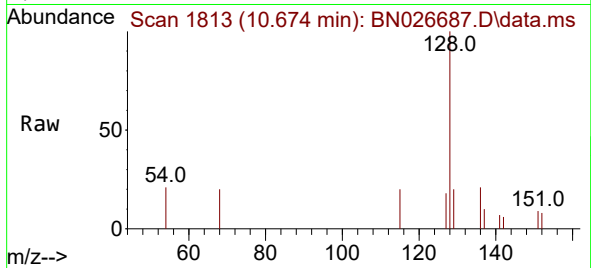




#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN026687.D
Acq: 23 Jul 2023 22:00

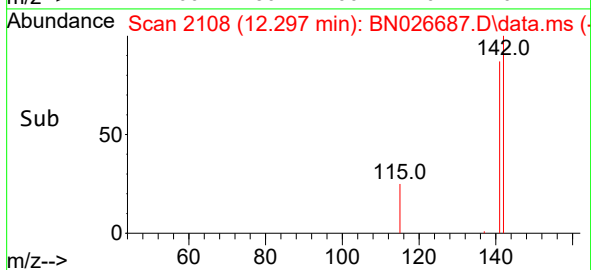
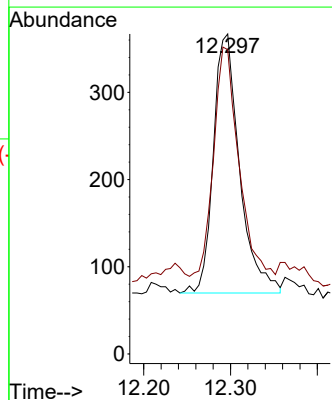
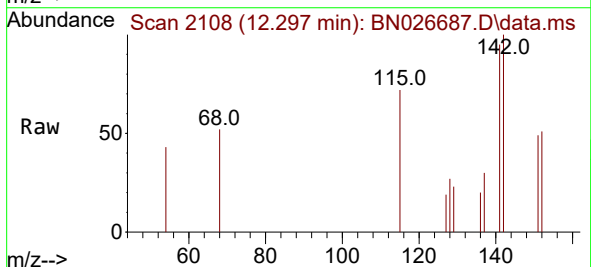
Instrument :
BNA_N
ClientSampleId :

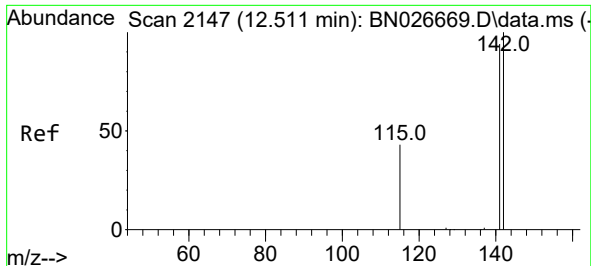
Tgt Ion:128 Resp: 1754
Ion Ratio Lower Upper
128 100
129 20.4 10.2 15.2#
127 18.5 11.4 17.0#



#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.297 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN026687.D
Acq: 23 Jul 2023 22:00

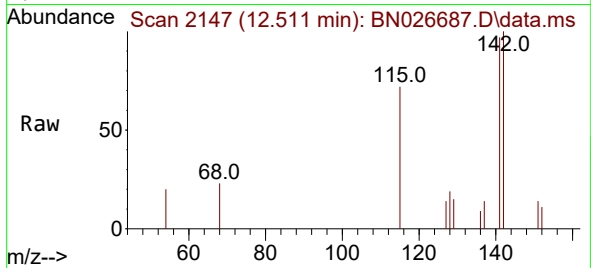
Tgt Ion:142 Resp: 622
Ion Ratio Lower Upper
142 100
141 84.1 72.3 108.5



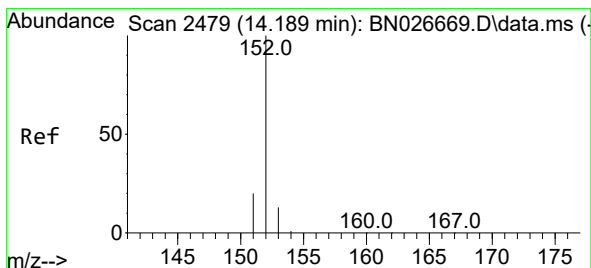
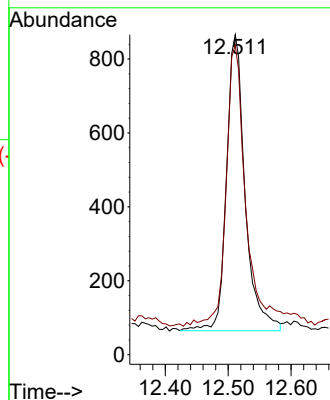
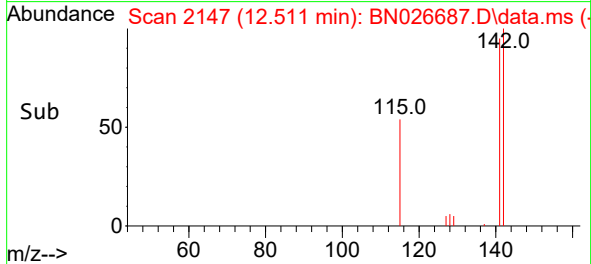


#8
1-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BN026687.D
Acq: 23 Jul 2023 22:00

Instrument :
BNA_N
ClientSampleId :

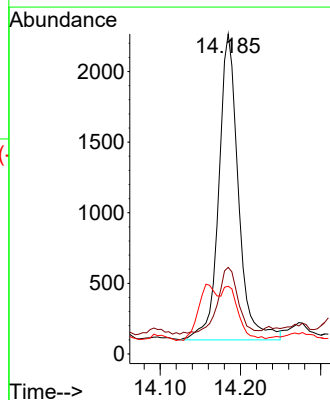
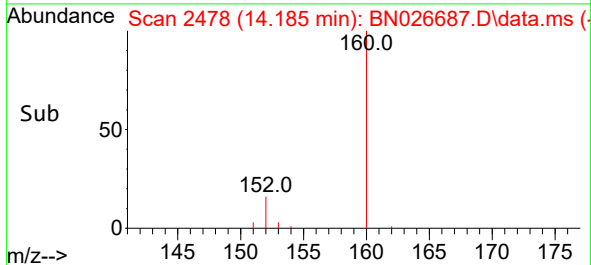
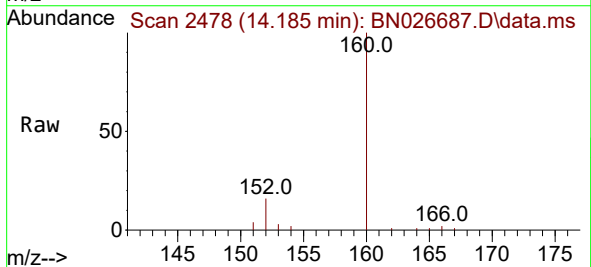


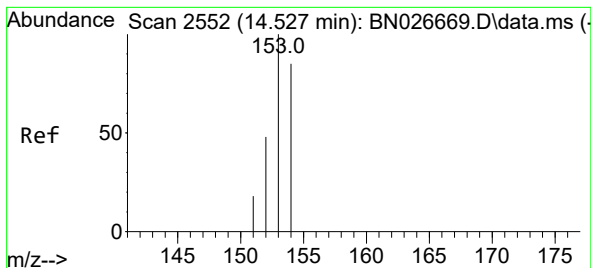
Tgt Ion:142 Resp: 1650
Ion Ratio Lower Upper
142 100
141 100.0 74.5 111.7



#10
Acenaphthylene
Concen: 0.122 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026687.D
Acq: 23 Jul 2023 22:00

Tgt Ion:152 Resp: 3677
Ion Ratio Lower Upper
152 100
151 27.1 17.0 25.6#
153 21.1 11.4 17.2#





#11

Acenaphthene

Concen: 8.930 ng/ul

RT: 14.583 min Scan# 21

Delta R.T. 0.055 min

Lab File: BN026687.D

Acq: 23 Jul 2023 22:00

Instrument :

BNA_N

ClientSampleId :

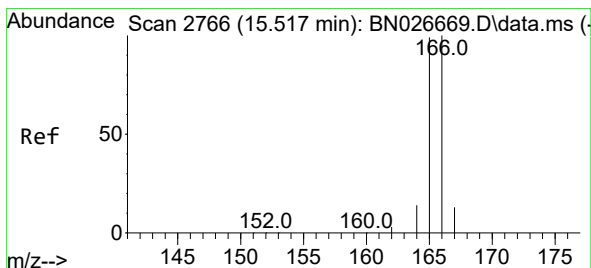
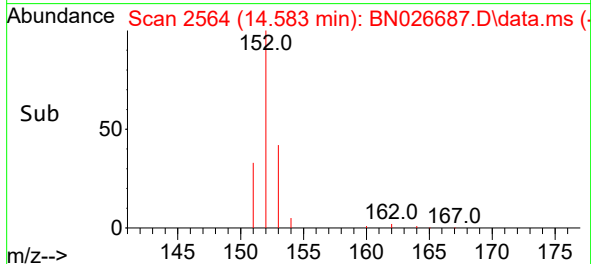
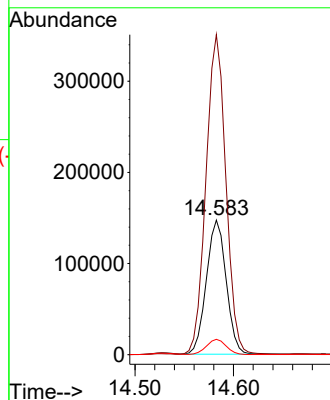
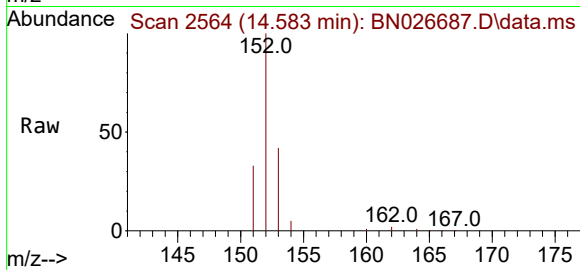
Tgt Ion:153 Resp: 205619

Ion Ratio Lower Upper

153 100

152 237.9 40.2 60.4#

154 11.4 69.3 103.9#



#12

Fluorene

Concen: 0.187 ng/ul

RT: 15.512 min Scan# 2765

Delta R.T. -0.005 min

Lab File: BN026687.D

Acq: 23 Jul 2023 22:00

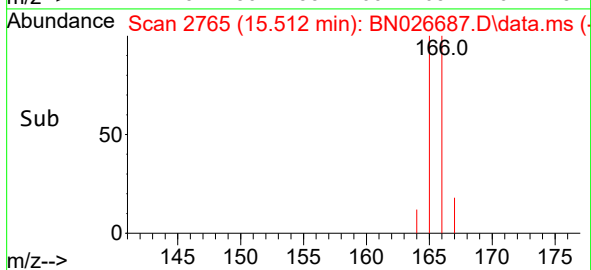
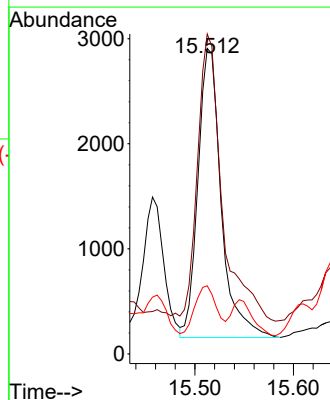
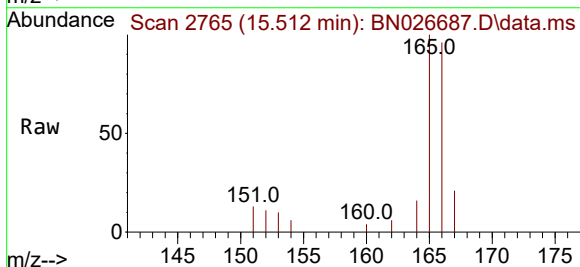
Tgt Ion:166 Resp: 4508

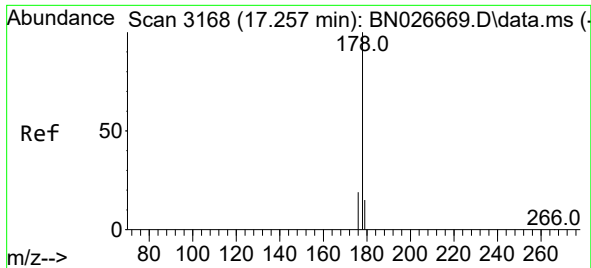
Ion Ratio Lower Upper

166 100

165 104.7 80.6 120.8

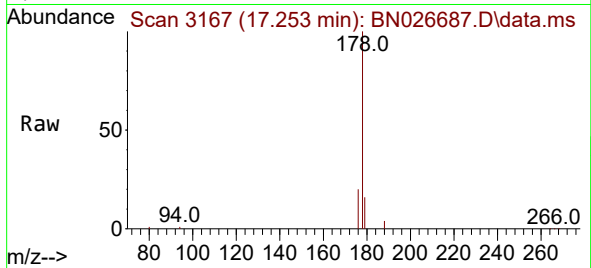
167 22.3 12.0 18.0#



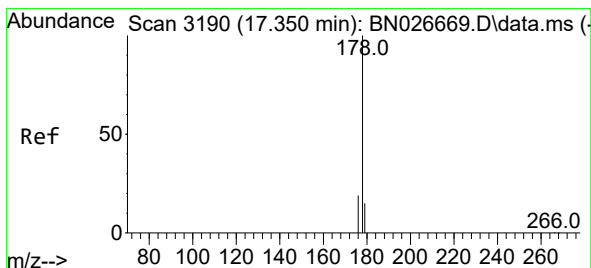
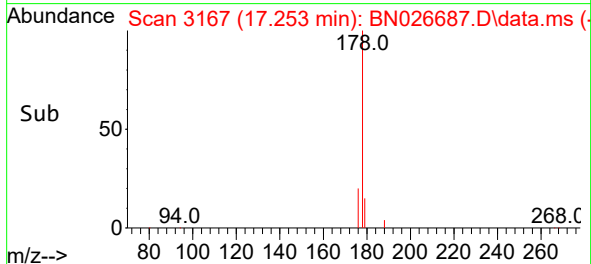
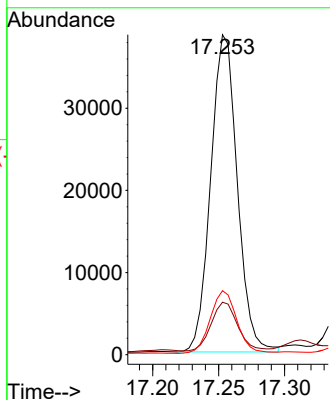


#15
Phenanthrene
Concen: 0.670 ng/ul
RT: 17.253 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BN026687.D
Acq: 23 Jul 2023 22:00

Instrument :
BNA_N
ClientSampleId :

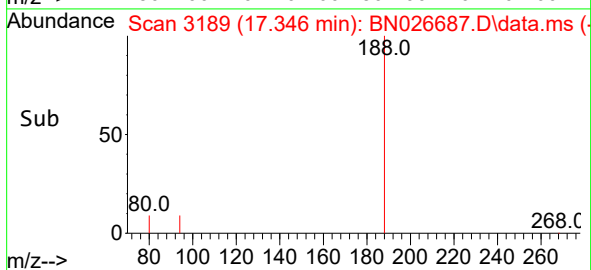
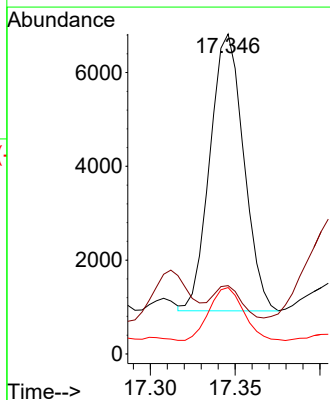
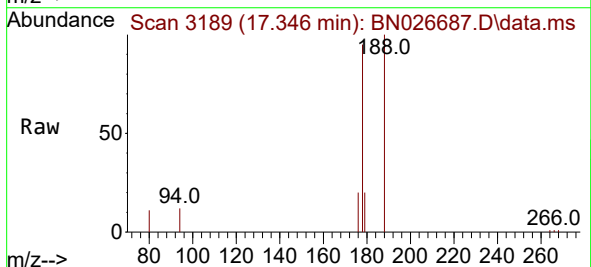


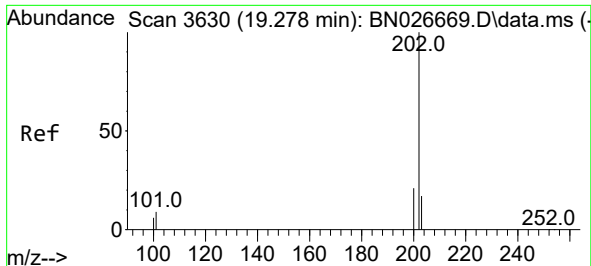
Tgt Ion:178 Resp: 54218
Ion Ratio Lower Upper
178 100
179 16.4 13.7 20.5
176 20.0 16.5 24.7



#16
Anthracene
Concen: 0.116 ng/ul
RT: 17.346 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BN026687.D
Acq: 23 Jul 2023 22:00

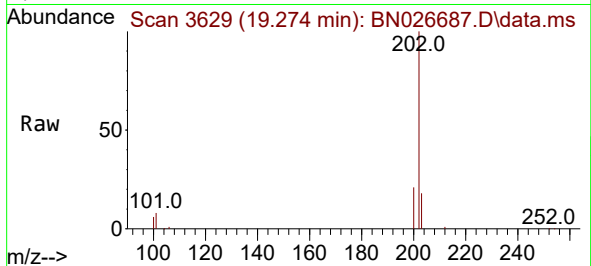
Tgt Ion:178 Resp: 8183
Ion Ratio Lower Upper
178 100
179 21.4 14.8 22.2
176 20.7 16.6 25.0



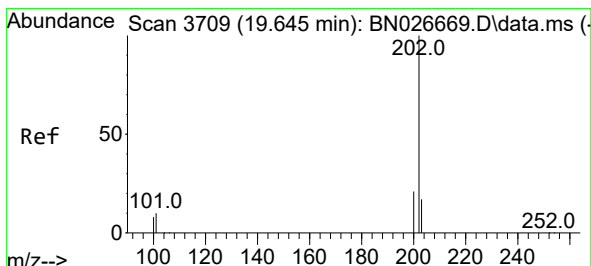
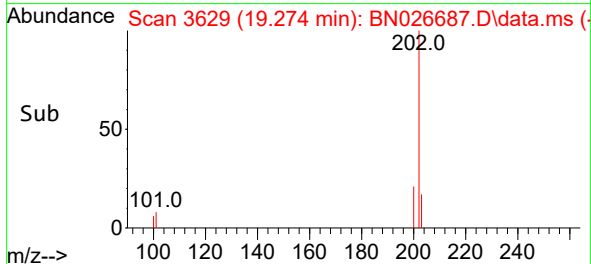
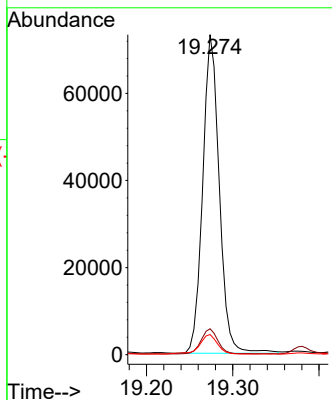


#19
Fluoranthene
Concen: 2.341 ng/ul
RT: 19.274 min Scan# 3629
Delta R.T. -0.005 min
Lab File: BN026687.D
Acq: 23 Jul 2023 22:00

Instrument :
BNA_N
ClientSampleId :

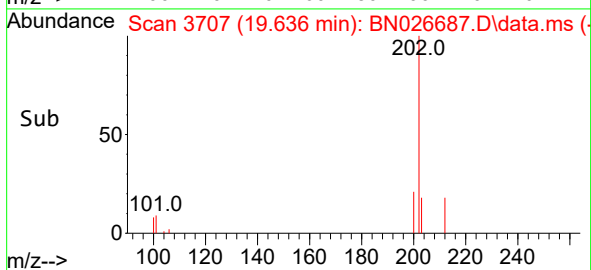
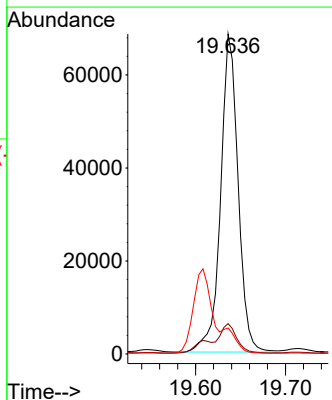
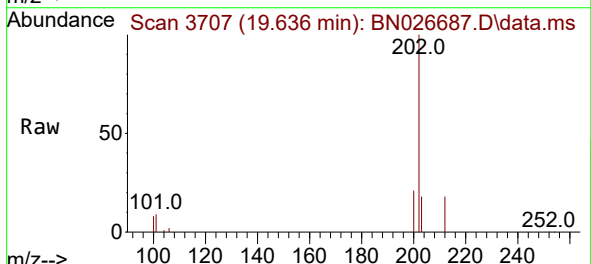


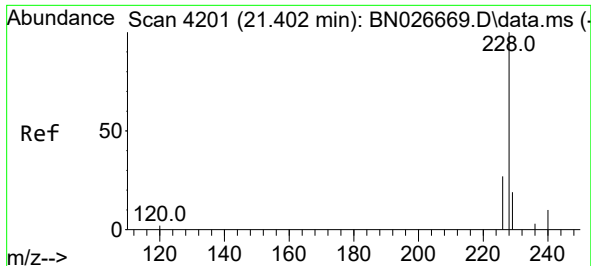
Tgt Ion:202 Resp: 97876
Ion Ratio Lower Upper
202 100
101 8.1 7.0 10.4
100 6.3 6.0 9.0



#20
Pyrene
Concen: 2.030 ng/ul
RT: 19.636 min Scan# 3707
Delta R.T. -0.009 min
Lab File: BN026687.D
Acq: 23 Jul 2023 22:00

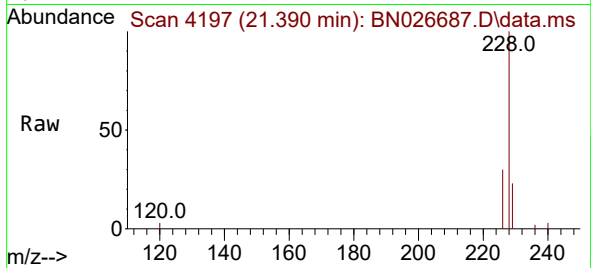
Tgt Ion:202 Resp: 92185
Ion Ratio Lower Upper
202 100
101 9.5 8.0 12.0
100 8.1 6.2 9.2



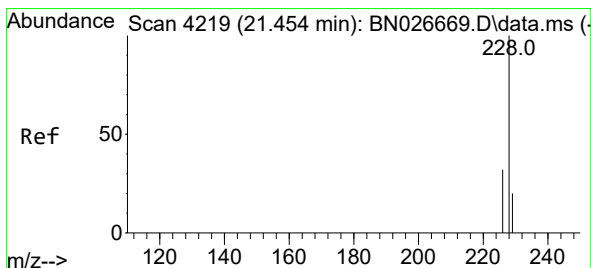
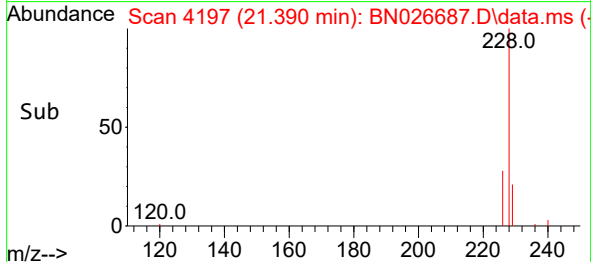
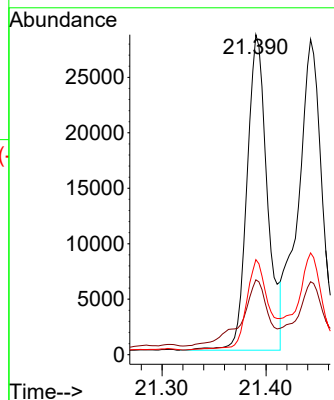


#21
Benzo(a)anthracene
Concen: 1.177 ng/ul
RT: 21.390 min Scan# 4119
Delta R.T. -0.012 min
Lab File: BN026687.D
Acq: 23 Jul 2023 22:00

Instrument :
BNA_N
ClientSampleId :

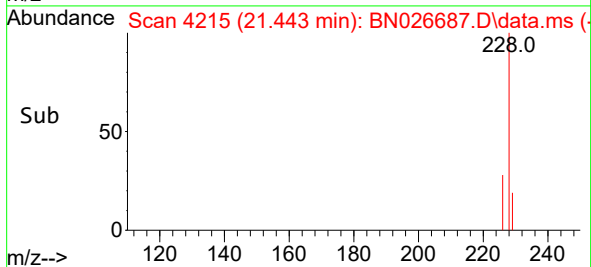
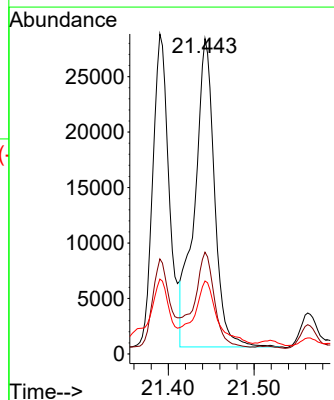
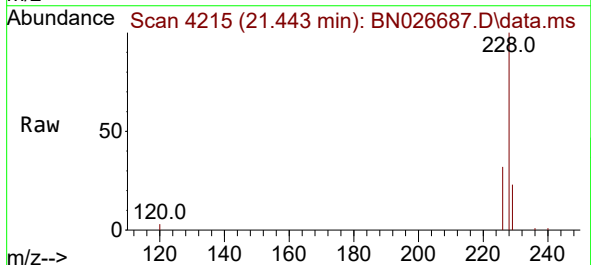


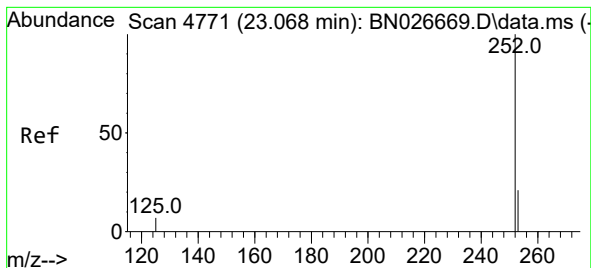
Tgt Ion:228 Resp: 38573
Ion Ratio Lower Upper
228 100
229 23.4 16.7 25.1
226 29.7 23.5 35.3



#22
Chrysene
Concen: 1.199 ng/ul
RT: 21.443 min Scan# 4215
Delta R.T. -0.012 min
Lab File: BN026687.D
Acq: 23 Jul 2023 22:00

Tgt Ion:228 Resp: 44720
Ion Ratio Lower Upper
228 100
226 32.3 25.2 37.8
229 23.1 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 1.965 ng/ul

RT: 23.056 min Scan# 4771

Delta R.T. -0.012 min

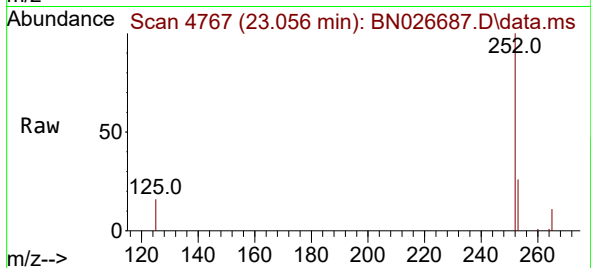
Lab File: BN026687.D

Acq: 23 Jul 2023 22:00

Instrument :

BNA_N

ClientSampleId :



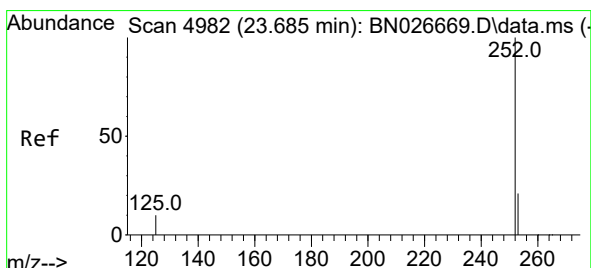
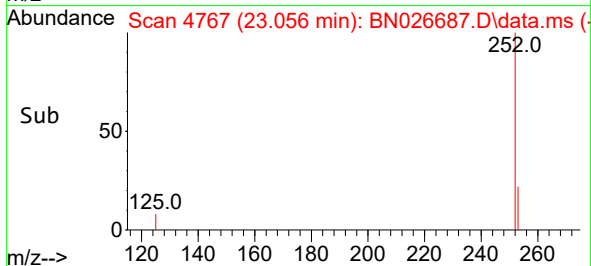
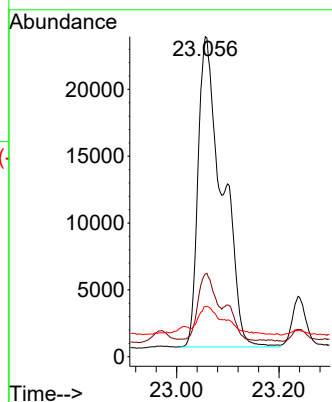
Tgt Ion:252 Resp: 76139

Ion Ratio Lower Upper

252 100

253 25.8 0.0 68.6

125 15.6 0.0 34.0



#26

Benzo(a)pyrene

Concen: 0.998 ng/ul

RT: 23.667 min Scan# 4976

Delta R.T. -0.018 min

Lab File: BN026687.D

Acq: 23 Jul 2023 22:00

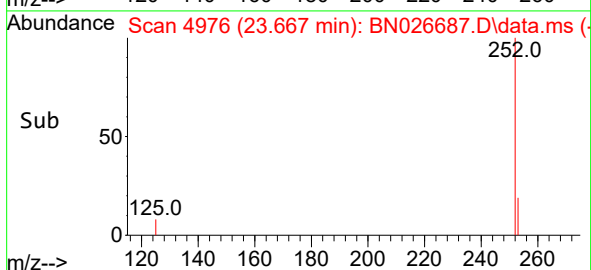
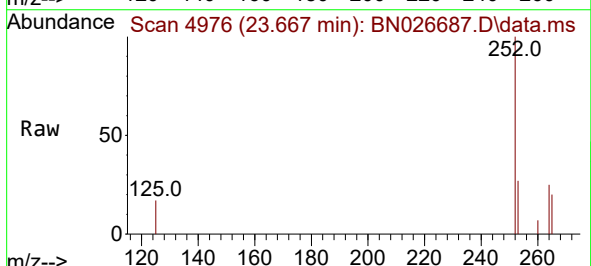
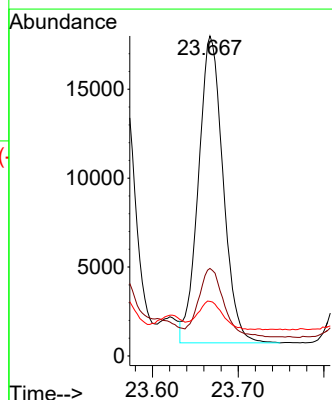
Tgt Ion:252 Resp: 34412

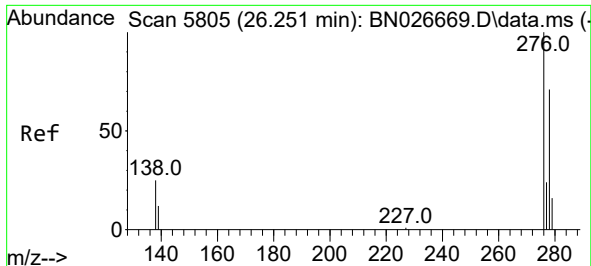
Ion Ratio Lower Upper

252 100

253 27.4 32.6 49.0#

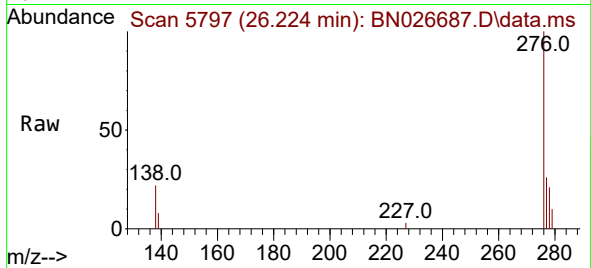
125 17.0 19.3 28.9#



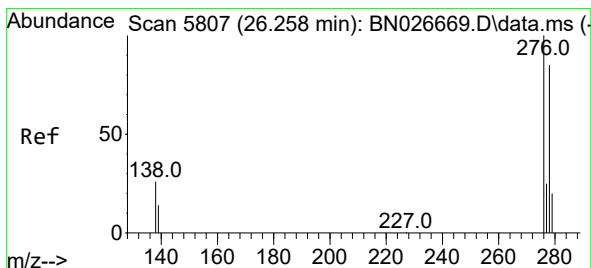
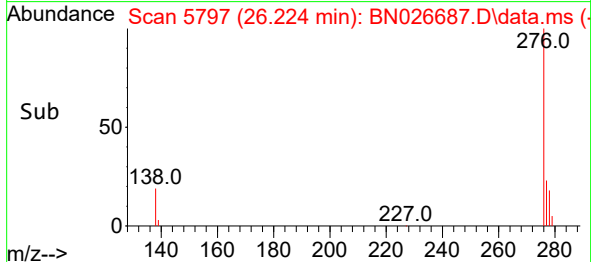
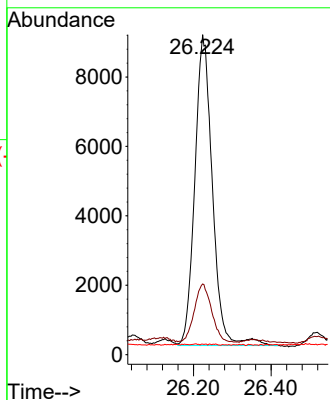


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.622 ng/ul
 RT: 26.224 min Scan# 51
 Delta R.T. -0.027 min
 Lab File: BN026687.D
 Acq: 23 Jul 2023 22:00

Instrument :
 BNA_N
 ClientSampleId :

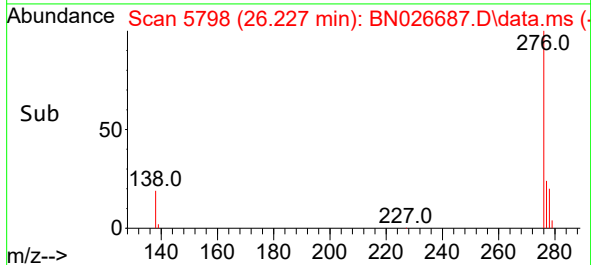
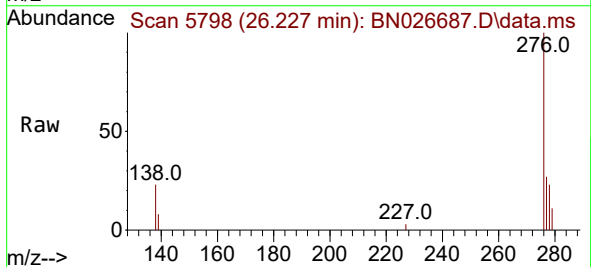
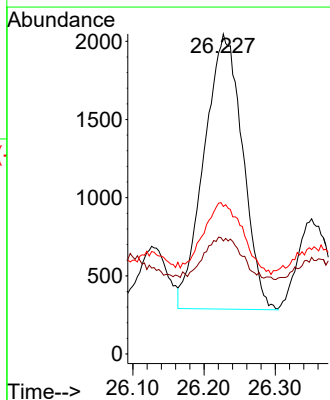


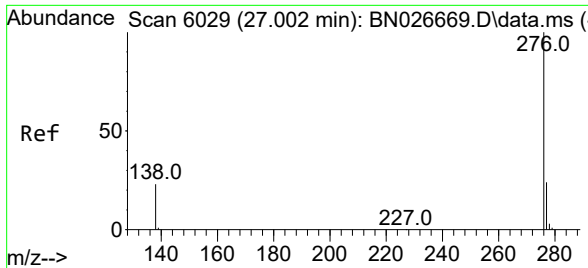
Tgt Ion:276 Resp: 28106
 Ion Ratio Lower Upper
 276 100
 138 18.6 22.2 33.4#
 227 0.1 0.1 0.1



#28
 Dibenzo(a,h)anthracene
 Concen: 0.190 ng/ul
 RT: 26.227 min Scan# 5798
 Delta R.T. -0.031 min
 Lab File: BN026687.D
 Acq: 23 Jul 2023 22:00

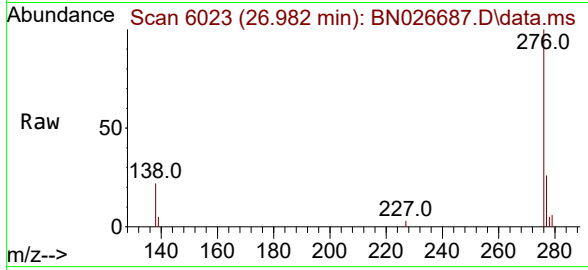
Tgt Ion:278 Resp: 6594
 Ion Ratio Lower Upper
 278 100
 139 35.3 18.9 28.3#
 279 46.1 31.3 46.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.713 ng/ul
 RT: 26.982 min Scan# 60
 Delta R.T. -0.021 min
 Lab File: BN026687.D
 Acq: 23 Jul 2023 22:00

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	28460
Ion Ratio	Lower	Upper	
276	100		
138	22.0	22.6	34.0#
277	26.0	21.8	32.8

