

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025807.D
 Acq On : 13 Jun 2023 15:32
 Operator : MA/JU
 Sample : 02950-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW983

Quant Time: Jun 13 23:17:14 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

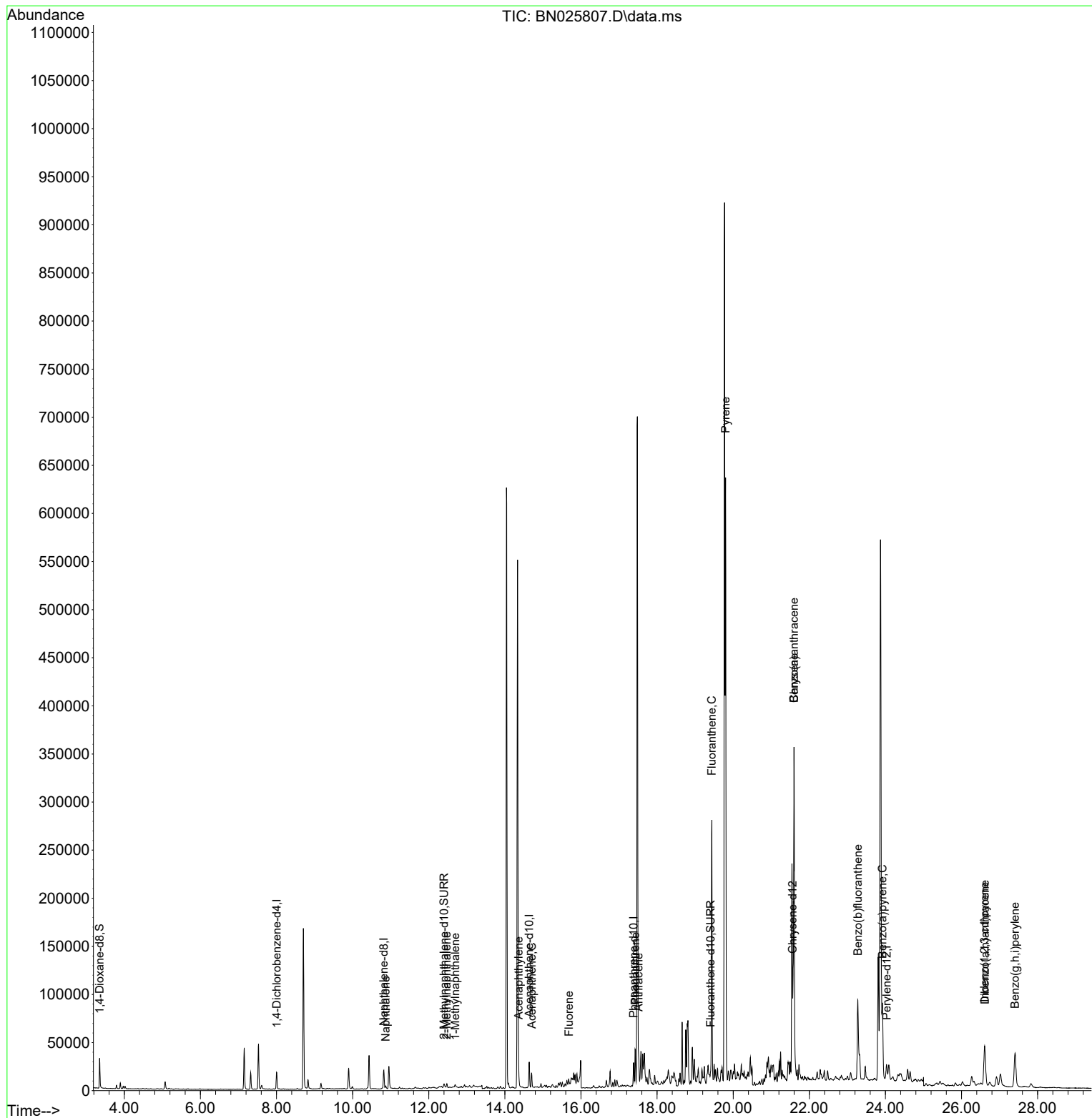
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	9405	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	26247	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.640	164	13905	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	25716	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.561	240	19098	0.400	ng/ul	# 0.00
23) Perylene-d12	24.031	264	20626	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	19374	2.095	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	5472	0.164	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	11434	0.190	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.869	128	4319	0.065	ng/ul#	91
7) 2-Methylnaphthalene	12.475	142	2763	0.069	ng/ul	99
8) 1-Methylnaphthalene	12.695	142	1885	0.043	ng/ul	86
10) Acenaphthylene	14.362	152	18379	0.334	ng/ul#	90
11) Acenaphthene	14.704	153	9067	0.198	ng/ul	99
12) Fluorene	15.685	166	3968	0.078	ng/ul#	67
15) Phenanthrene	17.423	178	38013	0.507	ng/ul#	92
16) Anthracene	17.516	178	22822	0.360	ng/ul#	92
19) Fluoranthene	19.438	202	228384	2.614	ng/ul	98
20) Pyrene	19.800	202	515072	5.696	ng/ul	99
21) Benzo(a)anthracene	21.599	228	374308	6.146	ng/ul	93
22) Chrysene	21.599	228	374308	5.375	ng/ul	97
24) Benzo(b)fluoranthene	23.274	252	174912	2.073	ng/ul	95
26) Benzo(a)pyrene	23.920	252	118052	1.651	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.604	276	62663	0.769	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.615	278	28359	0.459	ng/ul#	86
29) Benzo(g,h,i)perylene	27.406	276	80845	1.105	ng/ul	99

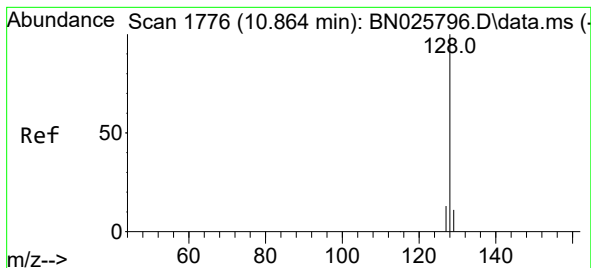
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.065 ng/ul

RT: 10.869 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BN025807.D

Acq: 13 Jun 2023 15:32

Instrument :

BNA_N

ClientSampleId :

EW983

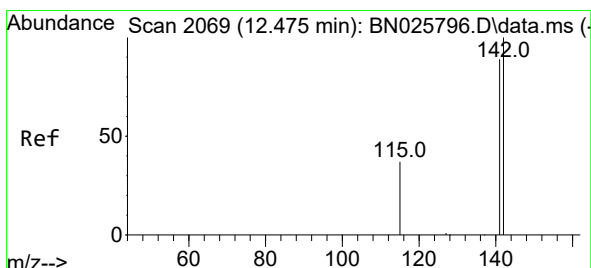
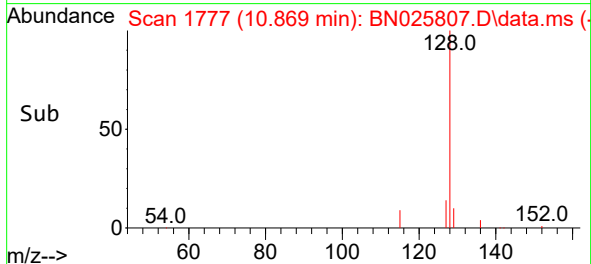
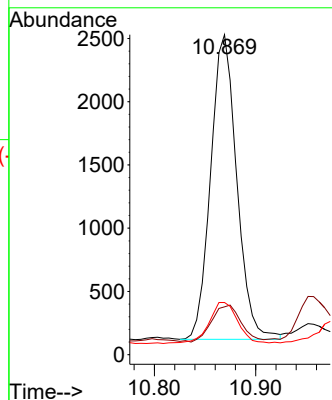
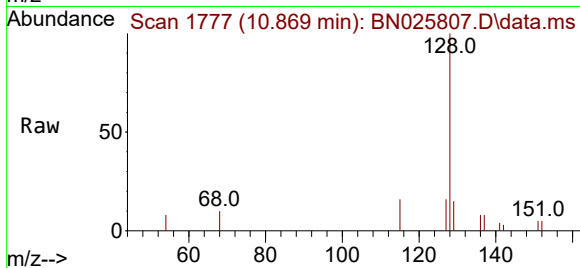
Tgt Ion:128 Resp: 4319

Ion Ratio Lower Upper

128 100

129 14.9 9.1 13.7#

127 16.3 10.5 15.7#



#7

2-Methylnaphthalene

Concen: 0.069 ng/ul

RT: 12.475 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN025807.D

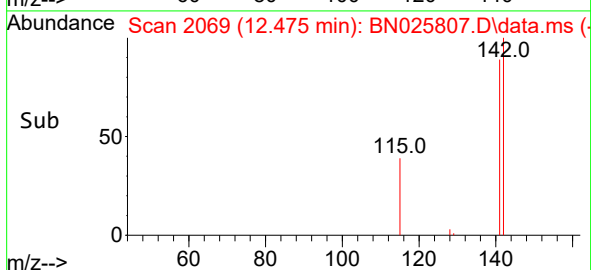
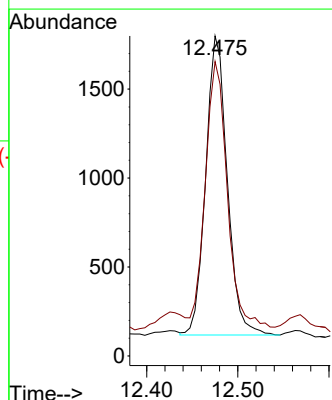
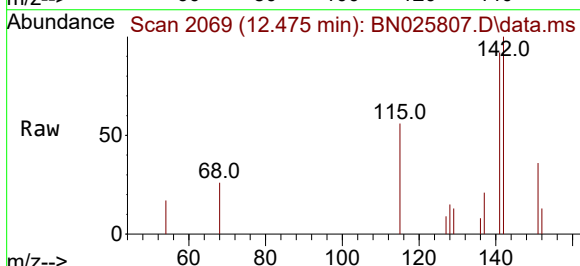
Acq: 13 Jun 2023 15:32

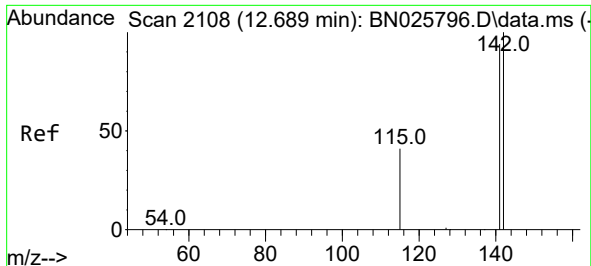
Tgt Ion:142 Resp: 2763

Ion Ratio Lower Upper

142 100

141 90.3 71.4 107.2

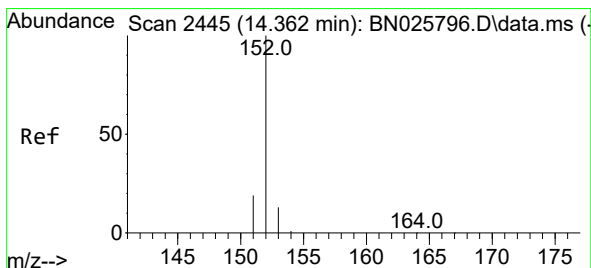
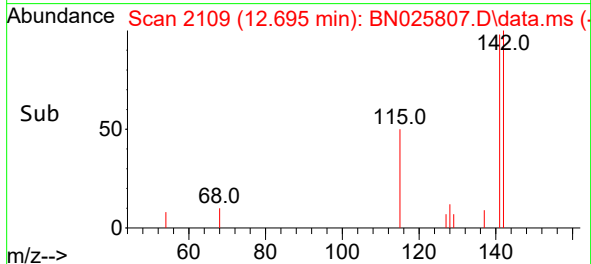
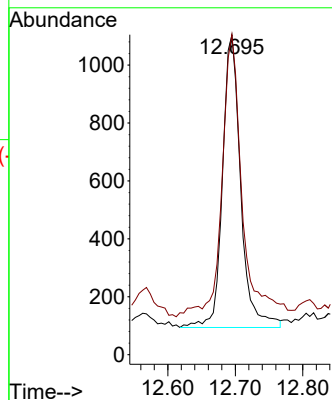
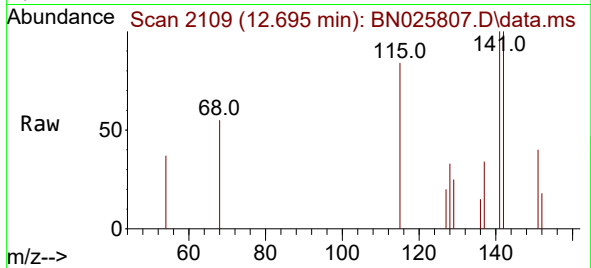




#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.695 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN025807.D
Acq: 13 Jun 2023 15:32

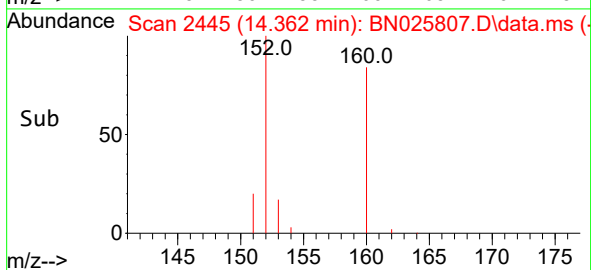
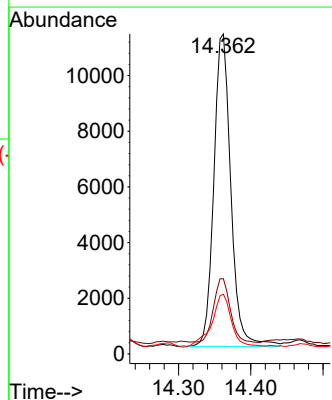
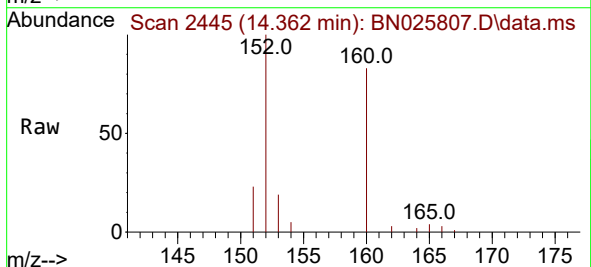
Instrument :
BNA_N
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EW983

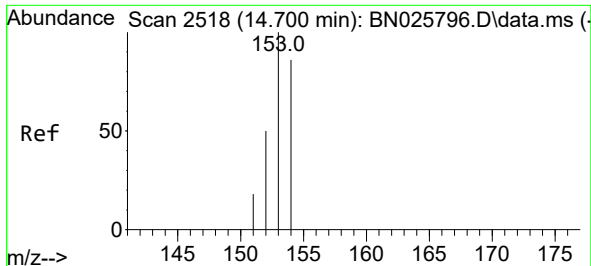
Tgt Ion:142 Resp: 1885
Ion Ratio Lower Upper
142 100
141 105.8 74.0 111.0



#10
Acenaphthylene
Concen: 0.334 ng/ul
RT: 14.362 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BN025807.D
Acq: 13 Jun 2023 15:32

Tgt Ion:152 Resp: 18379
Ion Ratio Lower Upper
152 100
151 23.5 16.0 24.0
153 18.7 10.7 16.1#

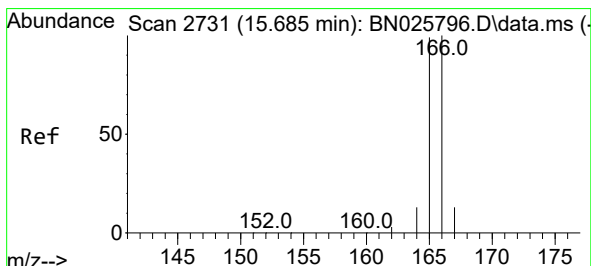
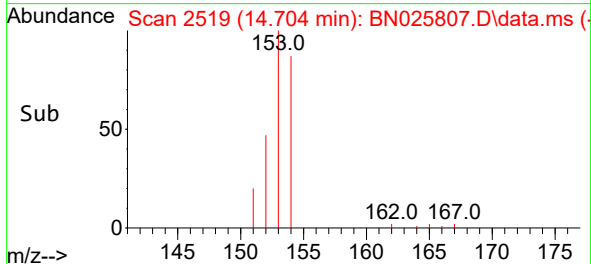
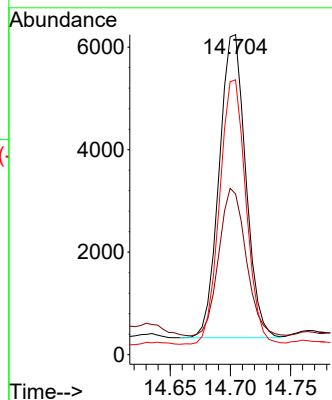
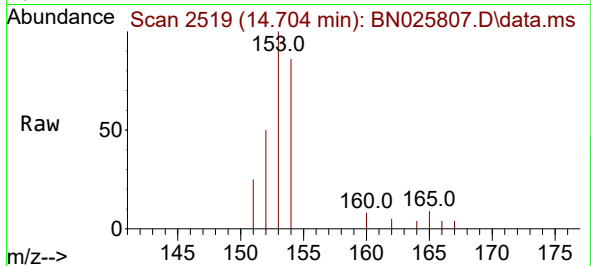




#11
Acenaphthene
Concen: 0.198 ng/ul
RT: 14.704 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN025807.D
Acq: 13 Jun 2023 15:32

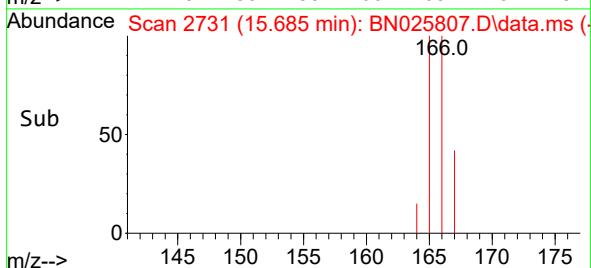
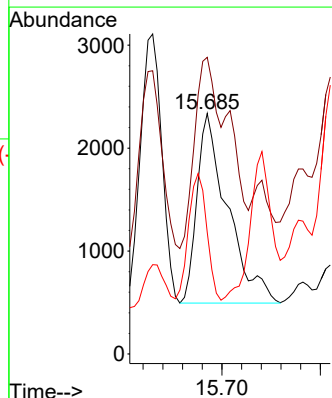
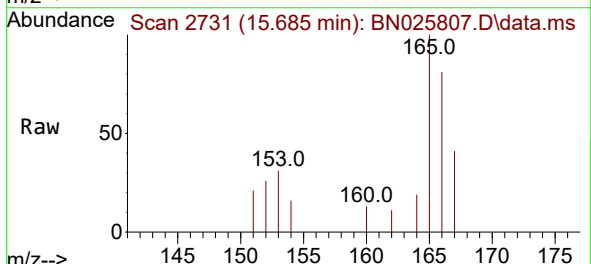
Instrument :
BNA_N
ClientSampleId :
EW983

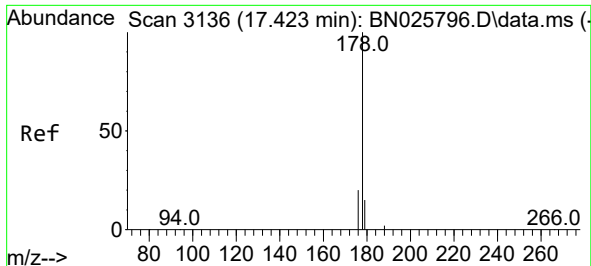
Tgt Ion:153 Resp: 9067
Ion Ratio Lower Upper
153 100
152 50.2 39.5 59.3
154 85.9 68.8 103.2



#12
Fluorene
Concen: 0.078 ng/ul
RT: 15.685 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BN025807.D
Acq: 13 Jun 2023 15:32

Tgt Ion:166 Resp: 3968
Ion Ratio Lower Upper
166 100
165 123.4 79.2 118.8#
167 50.6 11.0 16.6#

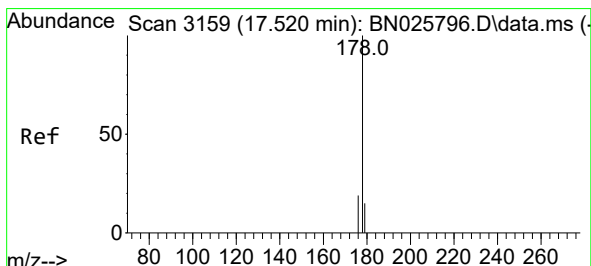
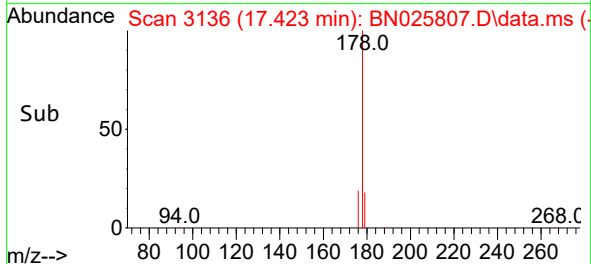
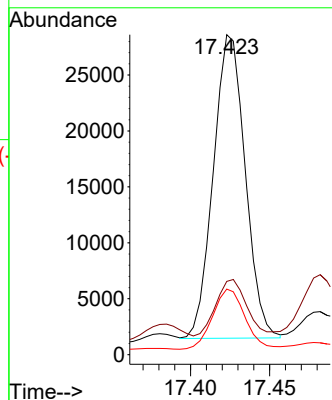
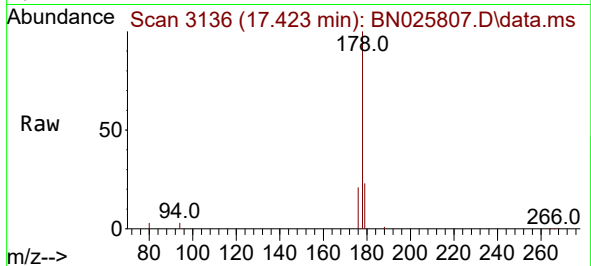




#15
Phenanthrene
Concen: 0.507 ng/ul
RT: 17.423 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BN025807.D
Acq: 13 Jun 2023 15:32

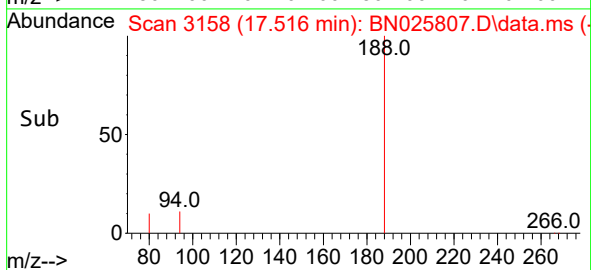
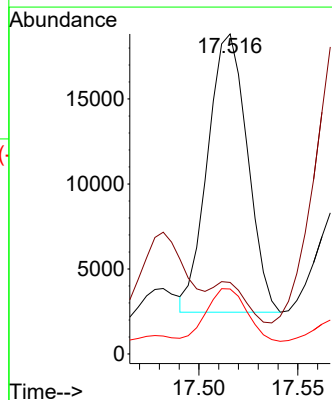
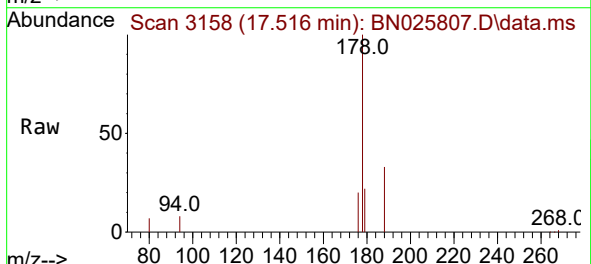
Instrument :
BNA_N
ClientSampleId :
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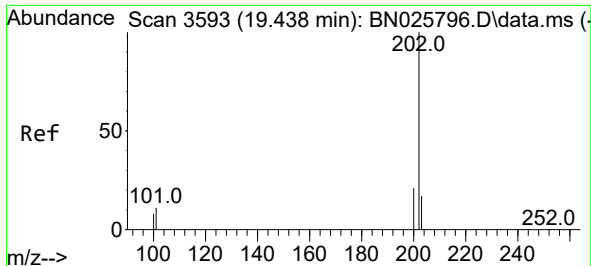
Tgt Ion:178 Resp: 38013
Ion Ratio Lower Upper
178 100
179 22.9 12.6 18.8#
176 20.5 15.8 23.8



#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.516 min Scan# 3158
Delta R.T. -0.008 min
Lab File: BN025807.D
Acq: 13 Jun 2023 15:32

Tgt Ion:178 Resp: 22822
Ion Ratio Lower Upper
178 100
179 22.4 12.6 19.0#
176 20.3 15.4 23.2

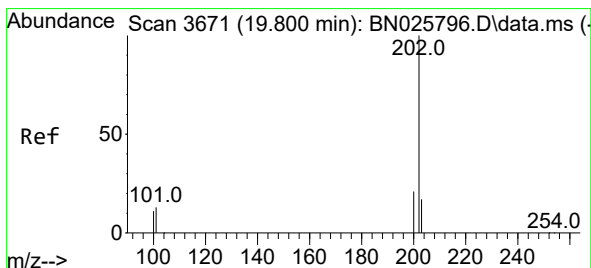
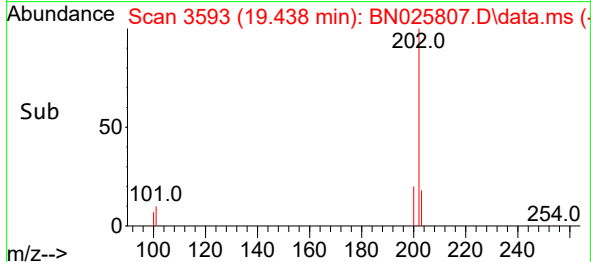
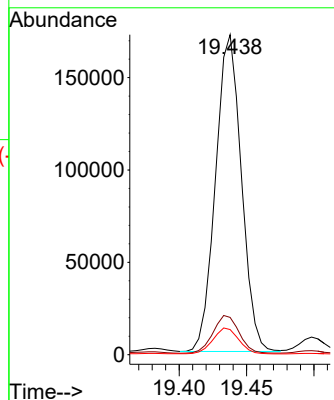
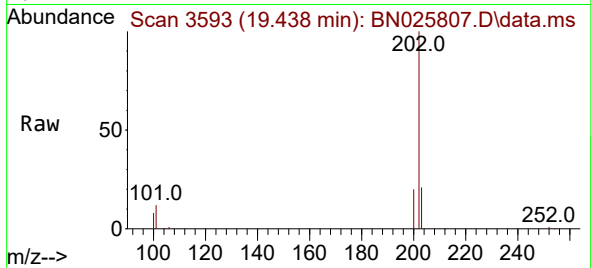




#19
Fluoranthene
Concen: 2.614 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025807.D
Acq: 13 Jun 2023 15:32

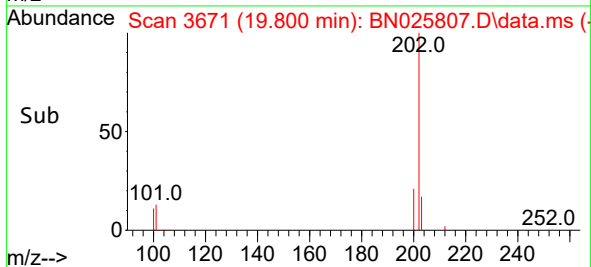
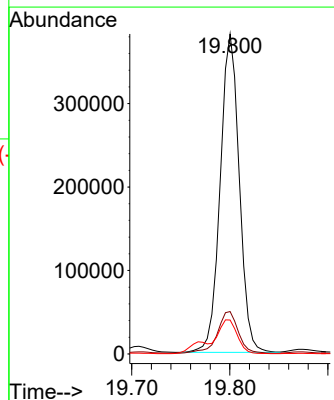
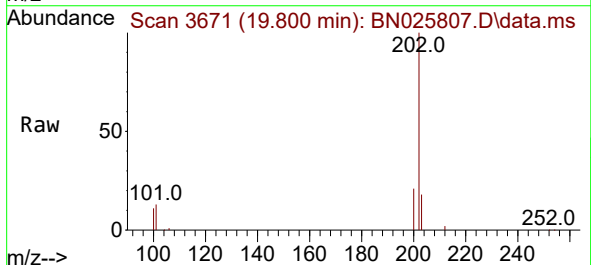
Instrument :
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ClientSampleId :
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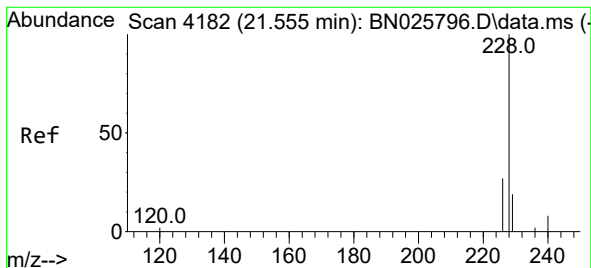
Tgt Ion:202 Resp: 228384
Ion Ratio Lower Upper
202 100
101 11.7 9.1 13.7
100 7.9 7.0 10.6



#20
Pyrene
Concen: 5.696 ng/ul
RT: 19.800 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BN025807.D
Acq: 13 Jun 2023 15:32

Tgt Ion:202 Resp: 515072
Ion Ratio Lower Upper
202 100
101 13.3 10.4 15.6
100 10.6 8.8 13.2





#21

Benzo(a)anthracene

Concen: 6.146 ng/ul

RT: 21.599 min Scan# 41

Delta R.T. 0.047 min

Lab File: BN025807.D

Acq: 13 Jun 2023 15:32

Instrument :

BNA_N

ClientSampleId :

EW983

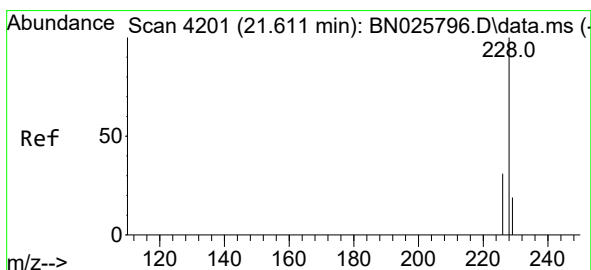
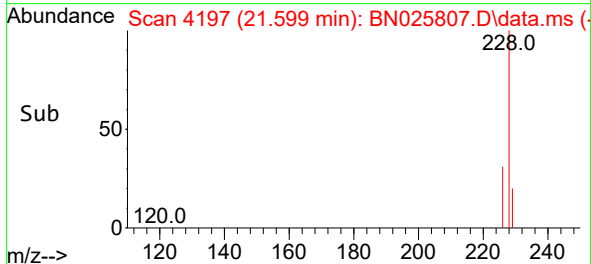
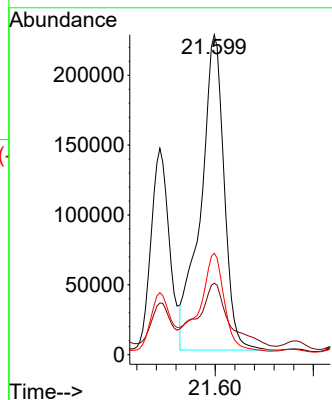
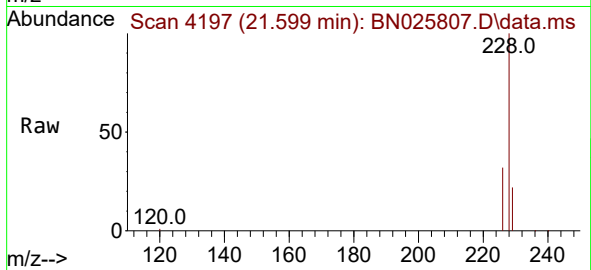
Tgt Ion:228 Resp: 374308

Ion Ratio Lower Upper

228 100

229 22.4 15.5 23.3

226 31.7 22.0 33.0



#22

Chrysene

Concen: 5.375 ng/ul

RT: 21.599 min Scan# 4197

Delta R.T. -0.009 min

Lab File: BN025807.D

Acq: 13 Jun 2023 15:32

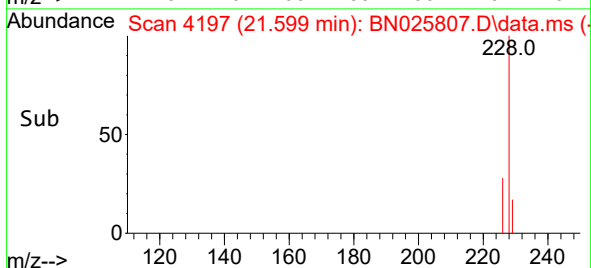
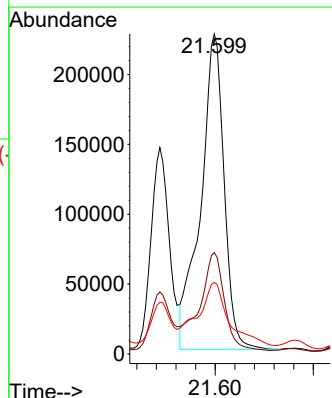
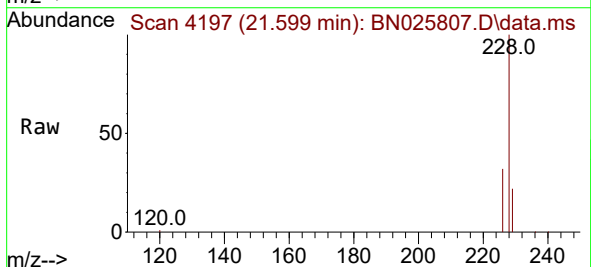
Tgt Ion:228 Resp: 374308

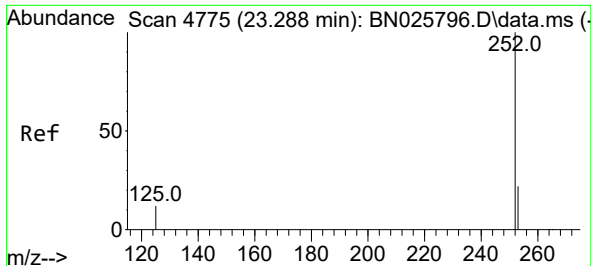
Ion Ratio Lower Upper

228 100

226 31.7 24.7 37.1

229 22.4 15.7 23.5

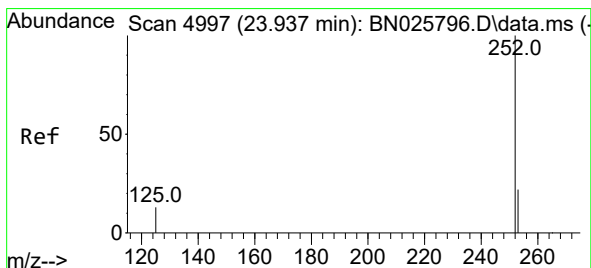
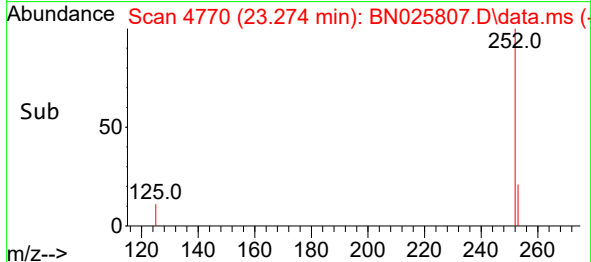
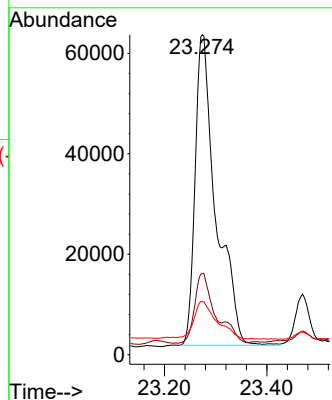
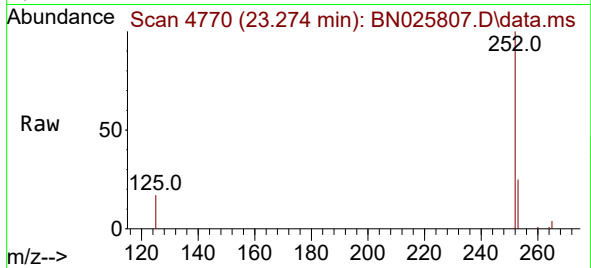




#24
Benzo(b)fluoranthene
Concen: 2.073 ng/ul
RT: 23.274 min Scan# 41
Delta R.T. -0.017 min
Lab File: BN025807.D
Acq: 13 Jun 2023 15:32

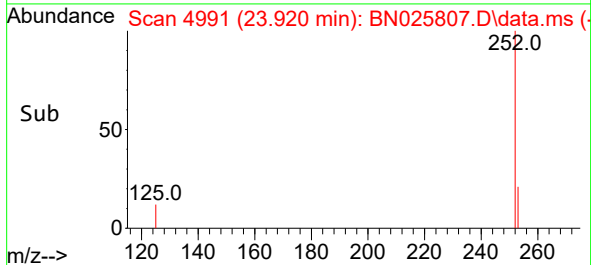
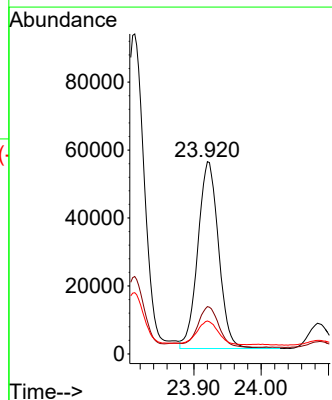
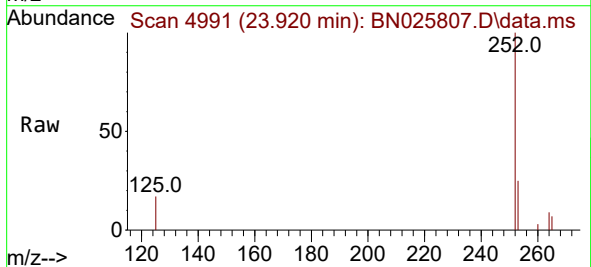
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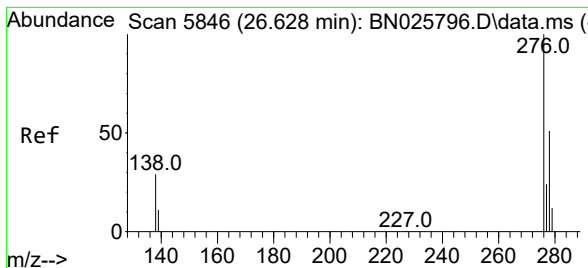
Tgt Ion:252 Resp: 174912
Ion Ratio Lower Upper
252 100
253 25.4 0.0 56.0
125 16.6 0.0 28.0



#26
Benzo(a)pyrene
Concen: 1.651 ng/ul
RT: 23.920 min Scan# 4991
Delta R.T. -0.023 min
Lab File: BN025807.D
Acq: 13 Jun 2023 15:32

Tgt Ion:252 Resp: 118052
Ion Ratio Lower Upper
252 100
253 24.6 25.8 38.8#
125 17.2 13.5 20.3





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.769 ng/ul

RT: 26.604 min Scan# 5839

Delta R.T. -0.054 min

Lab File: BN025807.D

Acq: 13 Jun 2023 15:32

Instrument :

BNA_N

ClientSampleId :

EW983

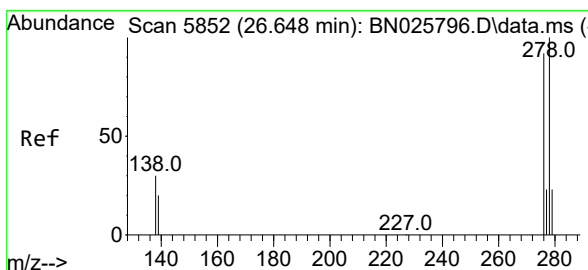
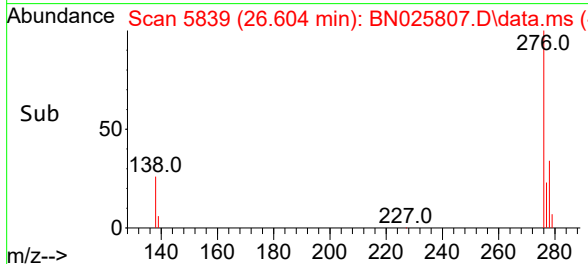
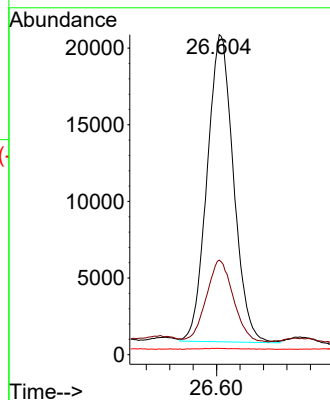
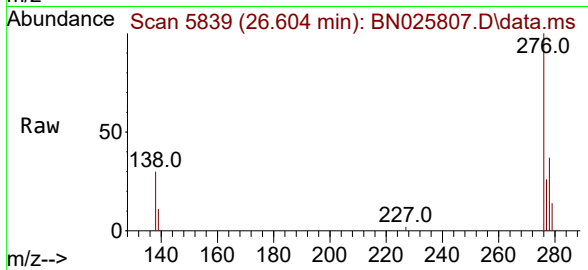
Tgt Ion:276 Resp: 62663

Ion Ratio Lower Upper

276 100

138 27.4 24.6 36.8

227 0.4 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.459 ng/ul

RT: 26.615 min Scan# 5842

Delta R.T. -0.070 min

Lab File: BN025807.D

Acq: 13 Jun 2023 15:32

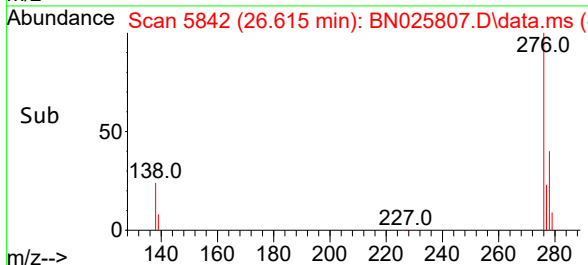
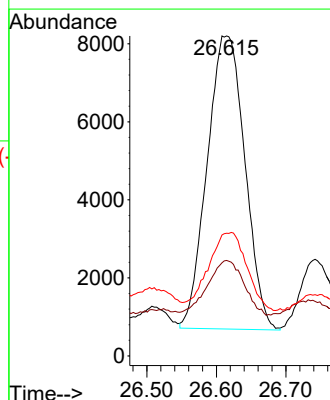
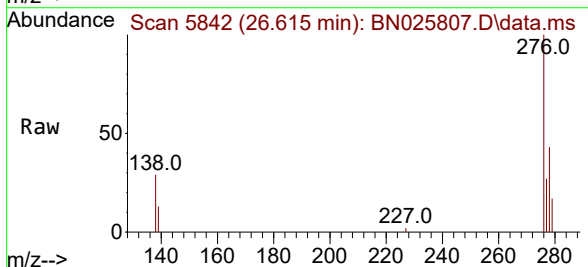
Tgt Ion:278 Resp: 28359

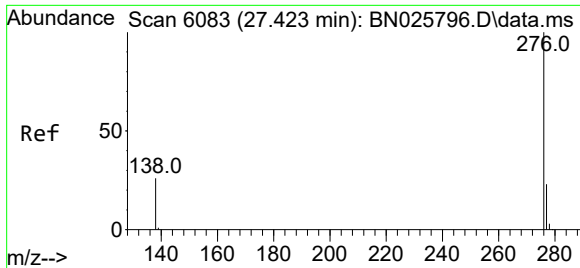
Ion Ratio Lower Upper

278 100

139 29.8 17.9 26.9#

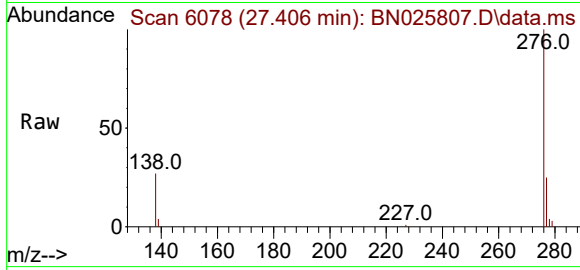
279 38.3 25.3 37.9#





#29
 Benzo(g,h,i)perylene
 Concen: 1.105 ng/ul
 RT: 27.406 min Scan# 6083
 Delta R.T. -0.043 min
 Lab File: BN025807.D
 Acq: 13 Jun 2023 15:32

Instrument :
 BNA_N
 ClientSampleId :
 EW983



Tgt Ion:	276	Resp:	80845
Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.8
277	25.1	19.4	29.2

