

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025389.D
 Acq On : 10 May 2023 20:19
 Operator : CG/JU
 Sample : 02479-16DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW975DL

Quant Time: May 11 02:09:39 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 02:07:13 2023
 Response via : Initial Calibration

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

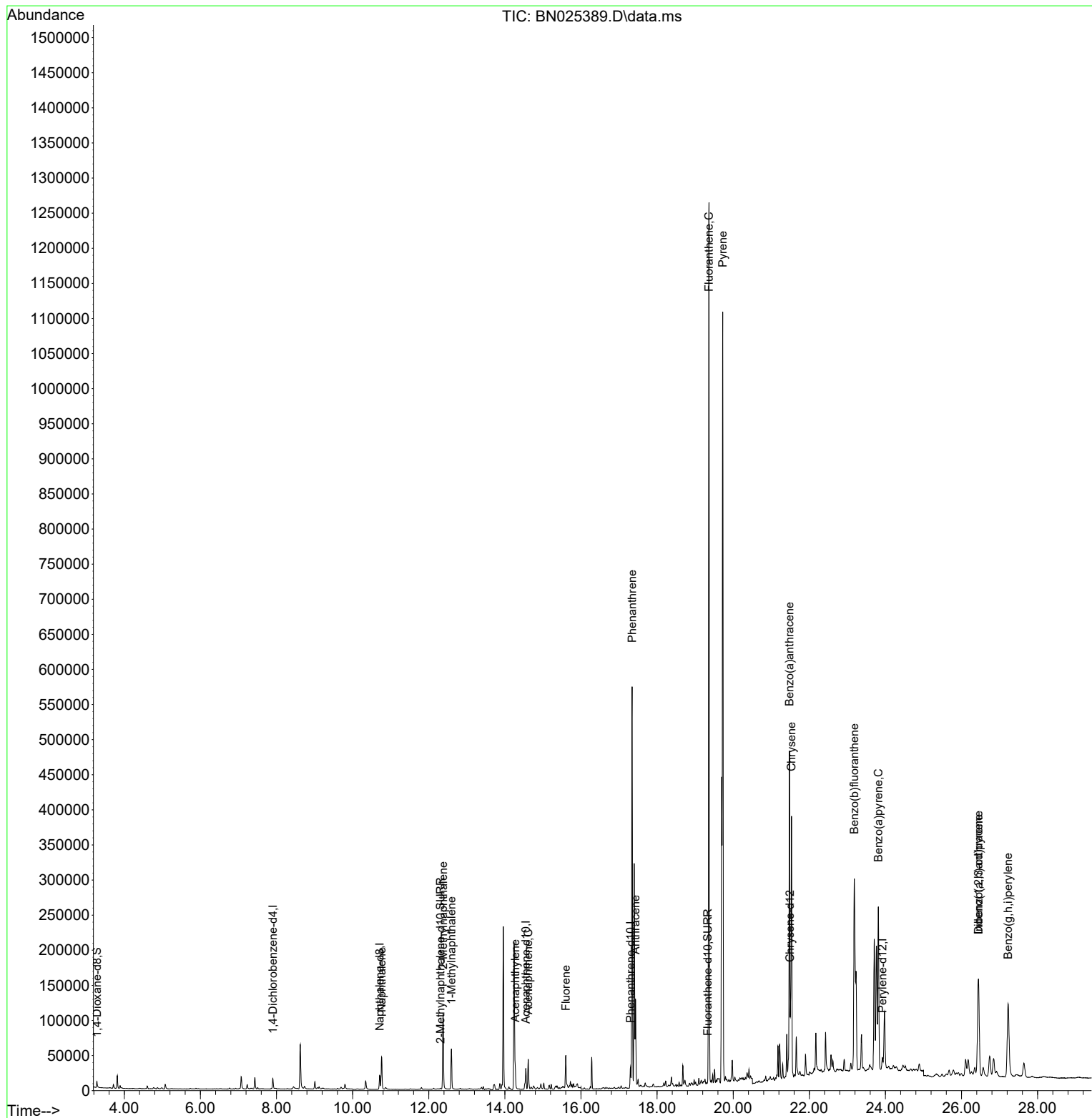
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	8404	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136	26980	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.552	164	16054	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.300	188	33802	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.494	240	21378	0.400	ng/ul	# 0.00
23) Perylene-d12	23.920	264	22387	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	5347	0.614	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.304	152	1815	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	4328	0.077	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.759	128	65747	0.951	ng/ul	100
7) 2-Methylnaphthalene	12.376	142	78259	1.848	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	38849	0.861	ng/ul	100
10) Acenaphthylene	14.274	152	36773	0.615	ng/ul#	96
11) Acenaphthene	14.612	153	25486	0.506	ng/ul	99
12) Fluorene	15.602	166	30204	0.536	ng/ul	98
15) Phenanthrene	17.343	178	588144	6.164	ng/ul	99
16) Anthracene	17.431	178	131363	1.683	ng/ul	100
19) Fluoranthene	19.363	202	1064592	13.771	ng/ul	99
20) Pyrene	19.726	202	897730	11.302	ng/ul	99
21) Benzo(a)anthracene	21.476	228	391968	6.085	ng/ul	97
22) Chrysene	21.532	228	384796	5.476	ng/ul	96
24) Benzo(b)fluoranthene	23.183	252	647608	7.130	ng/ul	98
26) Benzo(a)pyrene	23.815	252	329519	4.385	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.443	276	236890	2.736	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.443	278	62855	0.929	ng/ul#	71
29) Benzo(g,h,i)perylene	27.225	276	231686	3.147	ng/ul	95

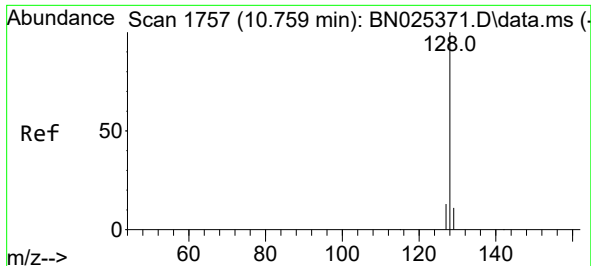
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
Data File : BN025389.D
Acq On : 10 May 2023 20:19
Operator : CG/JU
Sample : 02479-16DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW975DL

Quant Time: May 11 02:09:39 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 02:07:13 2023
Response via : Initial Calibration

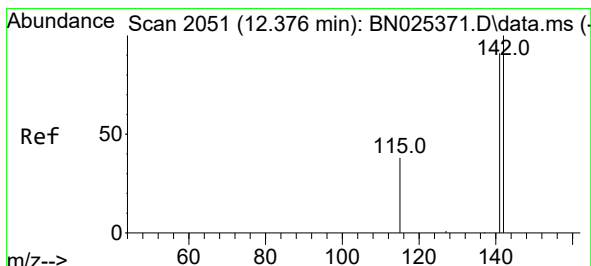
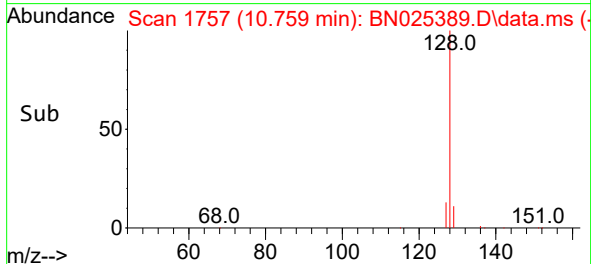
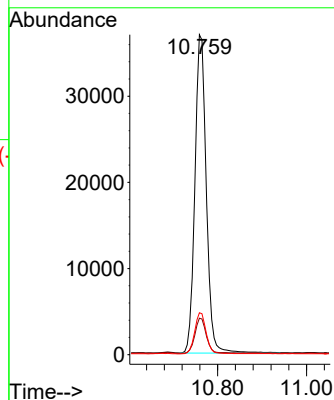
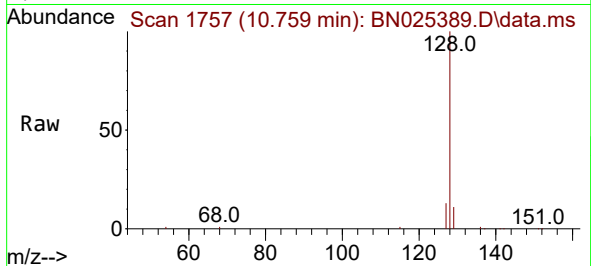




#5
Naphthalene
Concen: 0.951 ng/ul
RT: 10.759 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BN025389.D
Acq: 10 May 2023 20:19

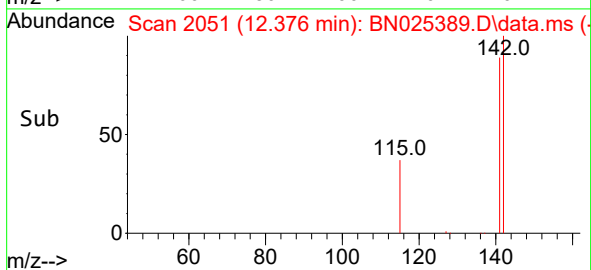
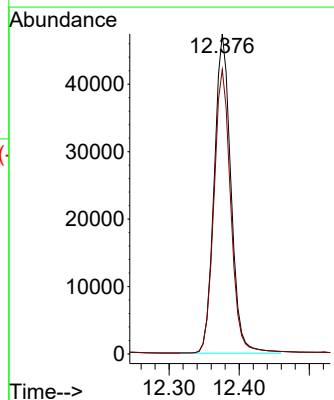
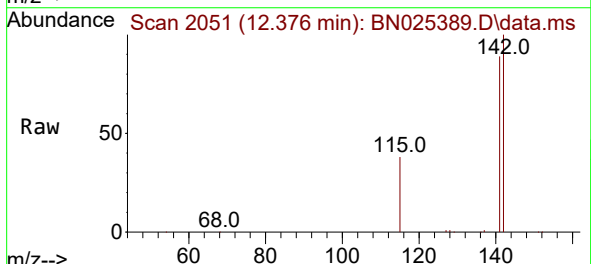
Instrument :
BNA_N
ClientSampleId :
EW975DL

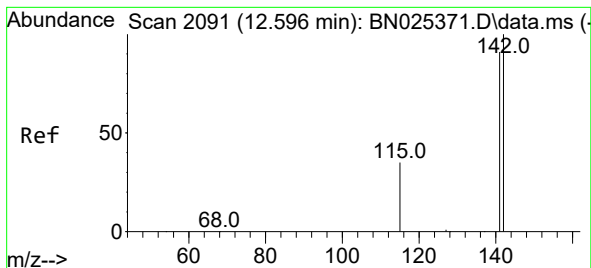
Tgt Ion:128 Resp: 65747
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.1 10.7 16.1



#7
2-Methylnaphthalene
Concen: 1.848 ng/ul
RT: 12.376 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BN025389.D
Acq: 10 May 2023 20:19

Tgt Ion:142 Resp: 78259
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0





#8

1-Methylnaphthalene

Concen: 0.861 ng/ul

RT: 12.596 min Scan# 2091

Delta R.T. 0.005 min

Lab File: BN025389.D

Acq: 10 May 2023 20:19

Instrument :

BNA_N

ClientSampleId :

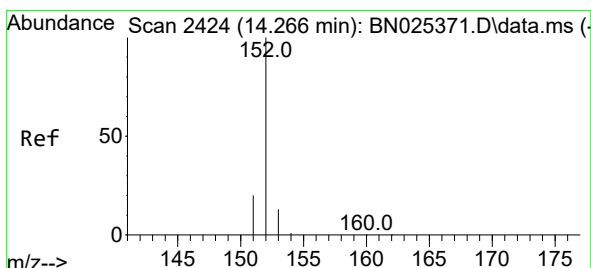
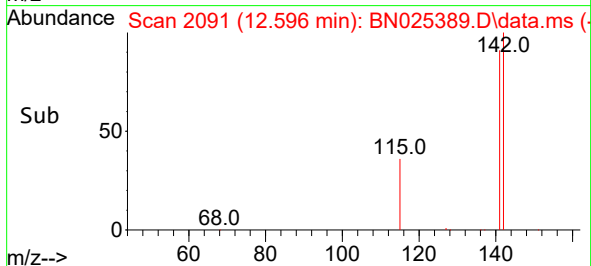
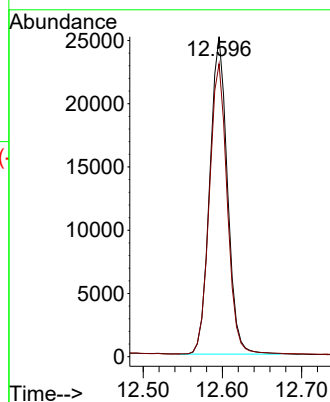
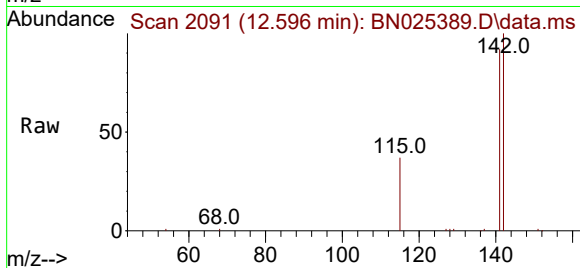
EW975DL

Tgt Ion:142 Resp: 38849

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.6



#10

Acenaphthylene

Concen: 0.615 ng/ul

RT: 14.274 min Scan# 2426

Delta R.T. 0.004 min

Lab File: BN025389.D

Acq: 10 May 2023 20:19

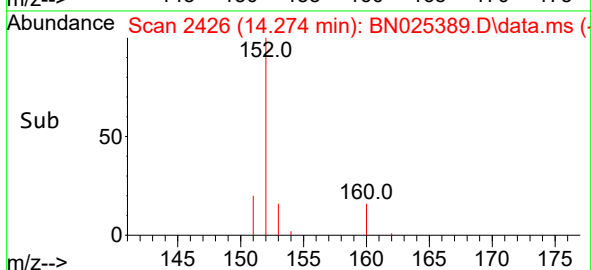
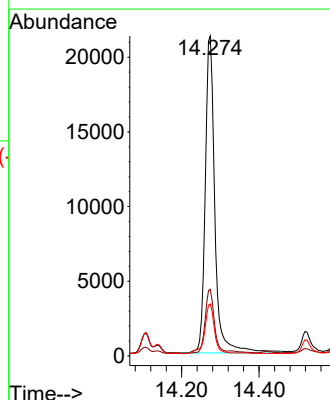
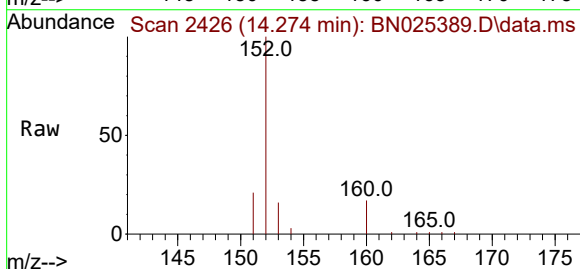
Tgt Ion:152 Resp: 36773

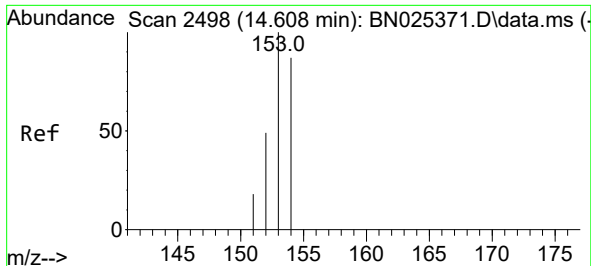
Ion Ratio Lower Upper

152 100

151 20.8 16.0 24.0

153 16.3 10.8 16.2#

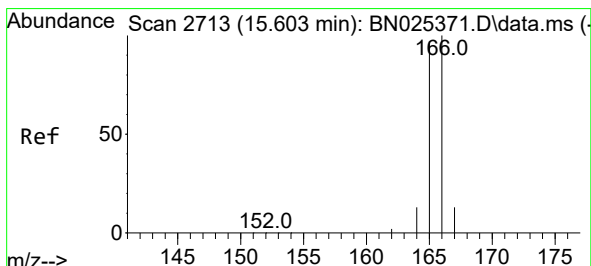
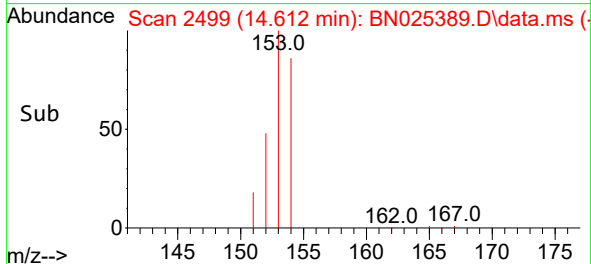
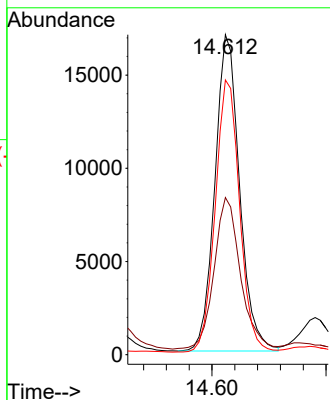
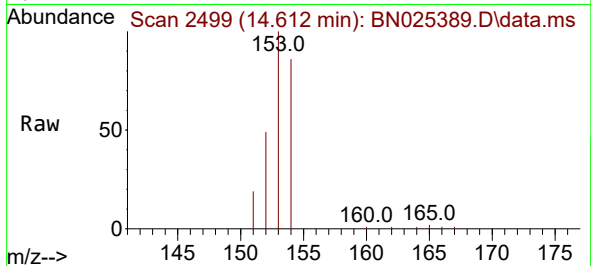




#11
Acenaphthene
Concen: 0.506 ng/u1
RT: 14.612 min Scan# 2499
Delta R.T. 0.004 min
Lab File: BN025389.D
Acq: 10 May 2023 20:19

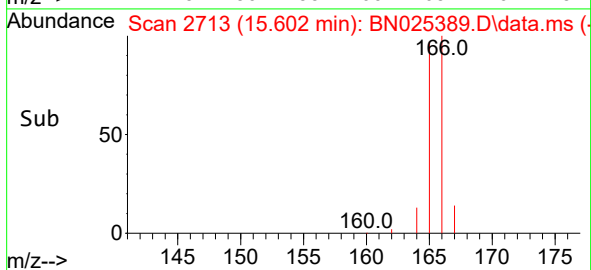
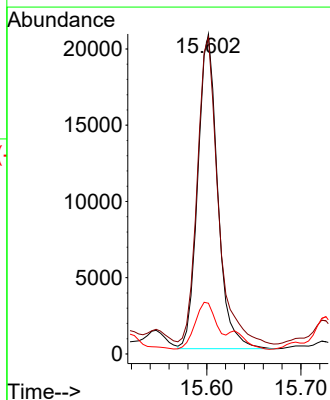
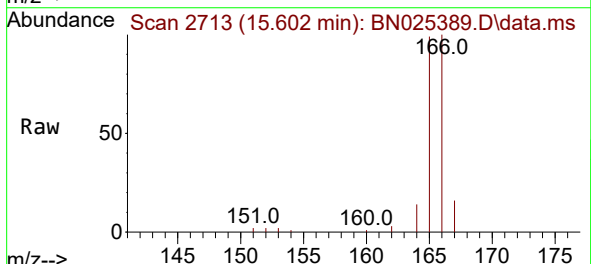
Instrument :
BNA_N
ClientSampleId :
EW975DL

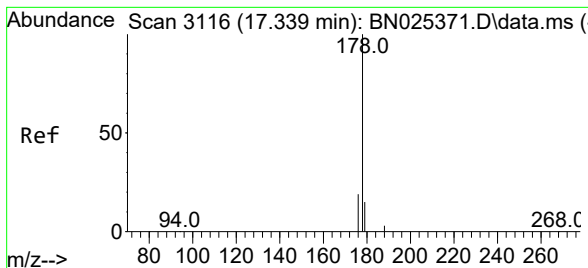
Tgt Ion:153 Resp: 25486
Ion Ratio Lower Upper
153 100
152 49.1 40.2 60.4
154 85.8 69.4 104.2



#12
Fluorene
Concen: 0.536 ng/u1
RT: 15.602 min Scan# 2713
Delta R.T. 0.004 min
Lab File: BN025389.D
Acq: 10 May 2023 20:19

Tgt Ion:166 Resp: 30204
Ion Ratio Lower Upper
166 100
165 99.0 78.1 117.1
167 15.9 11.0 16.6





#15

Phenanthrene

Concen: 6.164 ng/ul

RT: 17.343 min Scan# 3116

Delta R.T. 0.003 min

Lab File: BN025389.D

Acq: 10 May 2023 20:19

Instrument :

BNA_N

ClientSampleId :

EW975DL

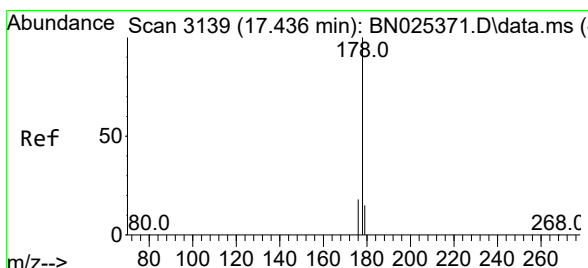
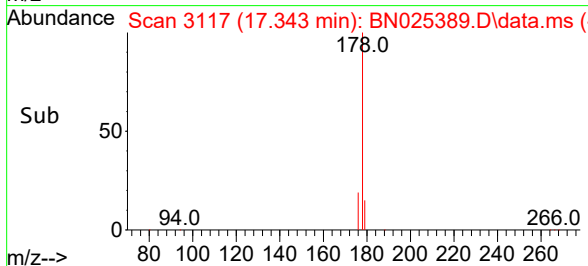
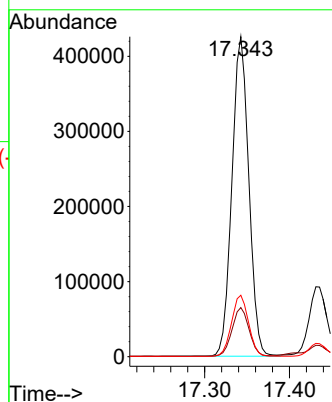
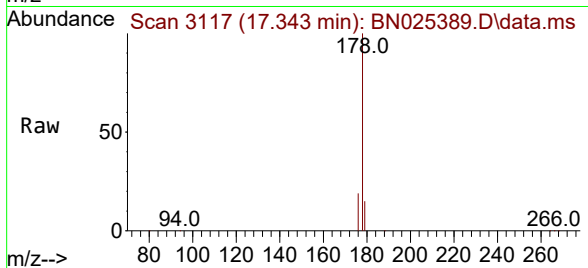
Tgt Ion:178 Resp: 588144

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 19.2 15.6 23.4



#16

Anthracene

Concen: 1.683 ng/ul

RT: 17.431 min Scan# 3138

Delta R.T. -0.001 min

Lab File: BN025389.D

Acq: 10 May 2023 20:19

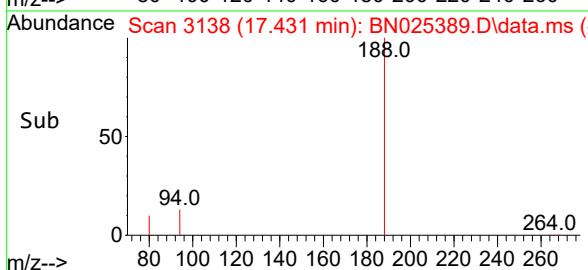
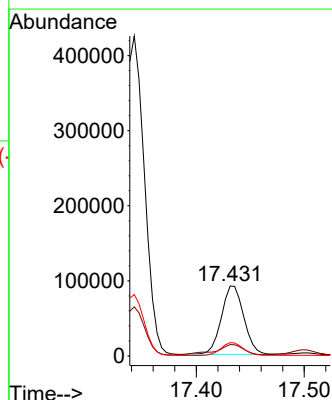
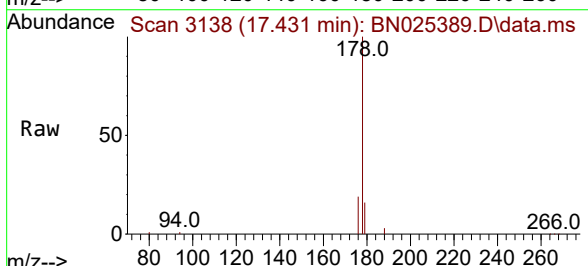
Tgt Ion:178 Resp: 131363

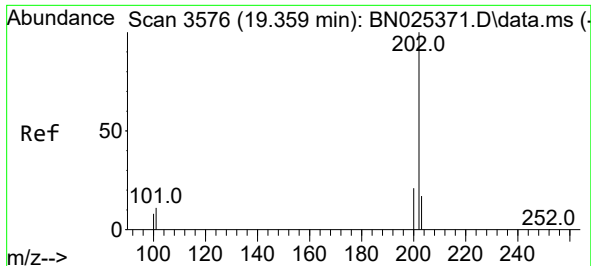
Ion Ratio Lower Upper

178 100

179 16.3 12.7 19.1

176 19.1 15.3 22.9

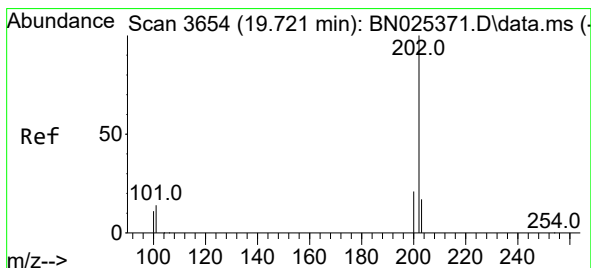
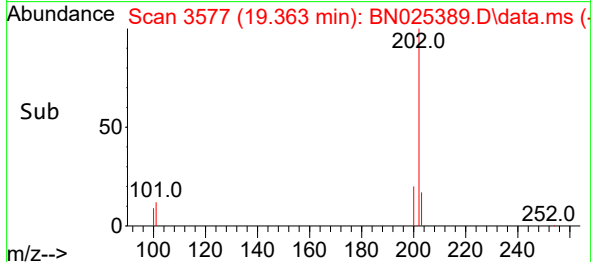
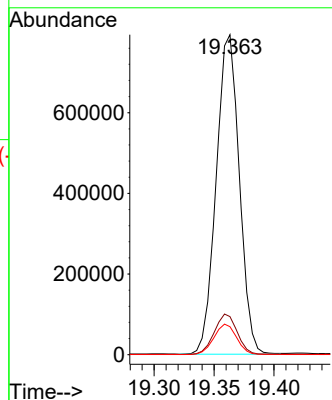
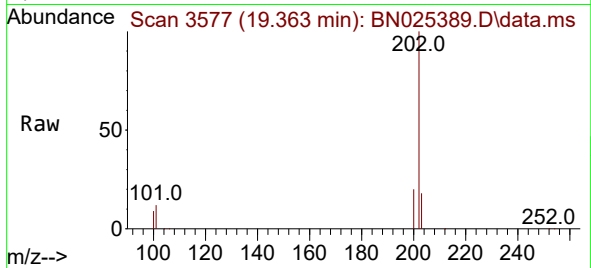




#19
Fluoranthene
Concen: 13.771 ng/ul
RT: 19.363 min Scan# 3577
Delta R.T. 0.004 min
Lab File: BN025389.D
Acq: 10 May 2023 20:19

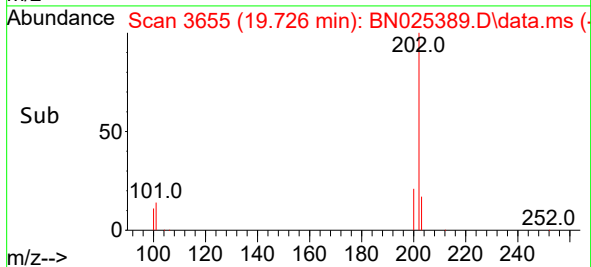
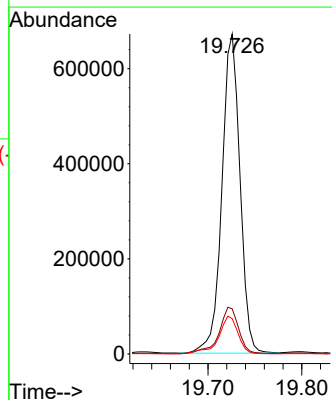
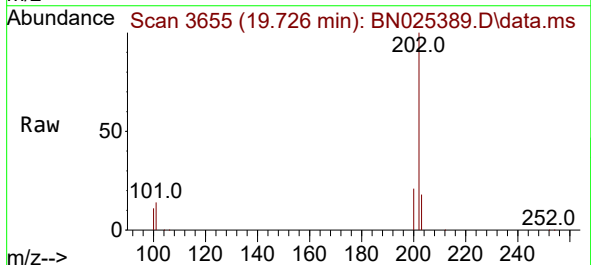
Instrument :
BNA_N
ClientSampleId :
EW975DL

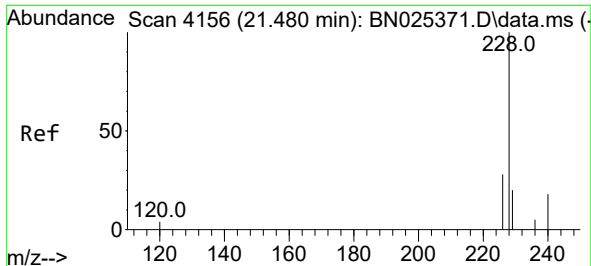
Tgt Ion:202 Resp: 1064592
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 8.7 7.3 10.9



#20
Pyrene
Concen: 11.302 ng/ul
RT: 19.726 min Scan# 3655
Delta R.T. 0.004 min
Lab File: BN025389.D
Acq: 10 May 2023 20:19

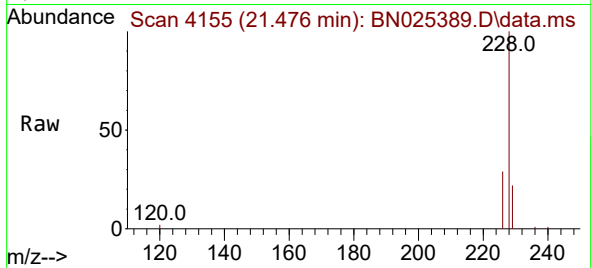
Tgt Ion:202 Resp: 897730
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 11.1 9.2 13.8



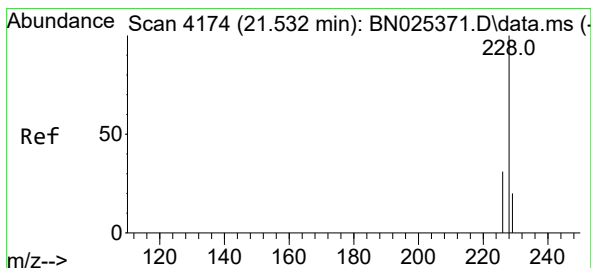
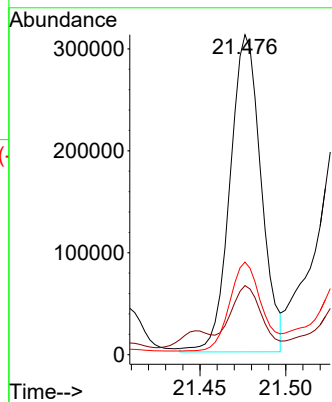
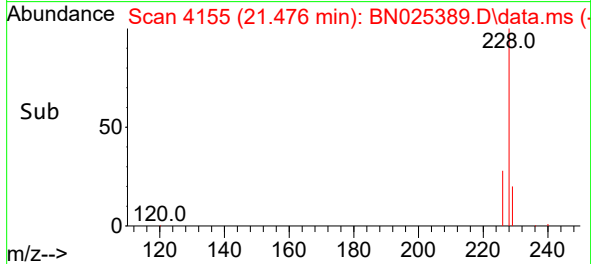


#21
Benzo(a)anthracene
Concen: 6.085 ng/ul
RT: 21.476 min Scan# 4156
Delta R.T. -0.001 min
Lab File: BN025389.D
Acq: 10 May 2023 20:19

Instrument :
BNA_N
ClientSampleId :
EW975DL

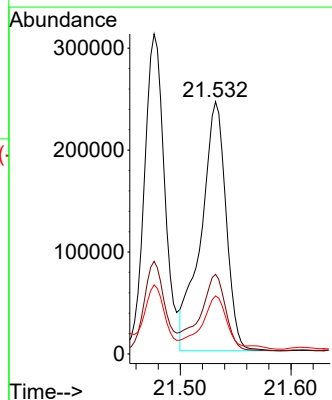
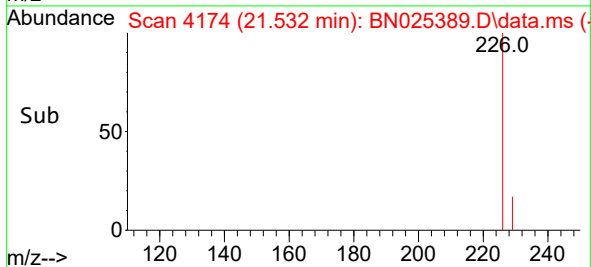
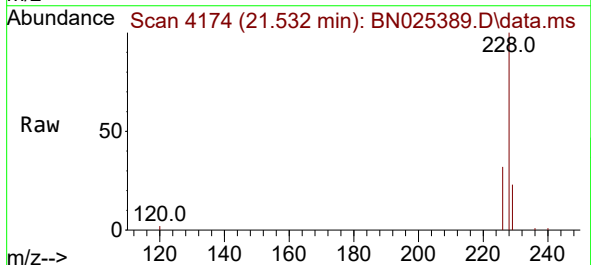


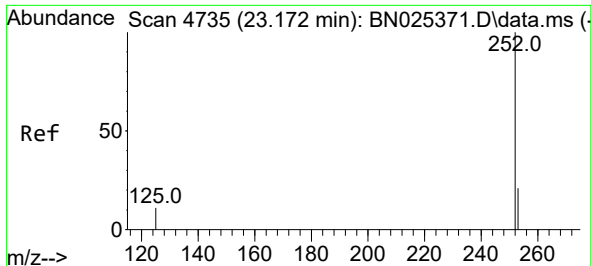
Tgt Ion:228 Resp: 391968
Ion Ratio Lower Upper
228 100
229 21.6 15.6 23.4
226 29.0 22.1 33.1



#22
Chrysene
Concen: 5.476 ng/ul
RT: 21.532 min Scan# 4174
Delta R.T. -0.001 min
Lab File: BN025389.D
Acq: 10 May 2023 20:19

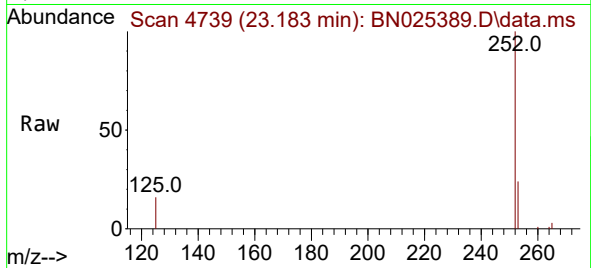
Tgt Ion:228 Resp: 384796
Ion Ratio Lower Upper
228 100
226 31.6 24.5 36.7
229 23.0 15.8 23.6



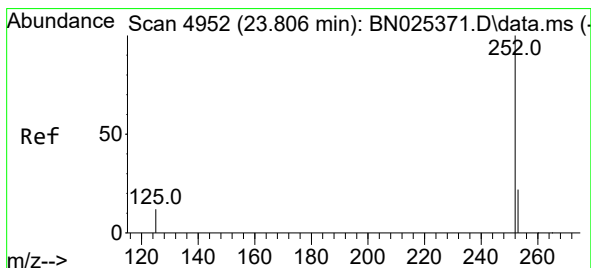
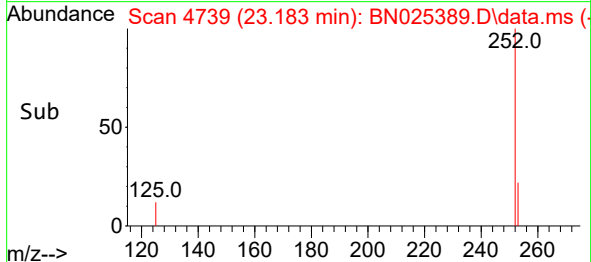
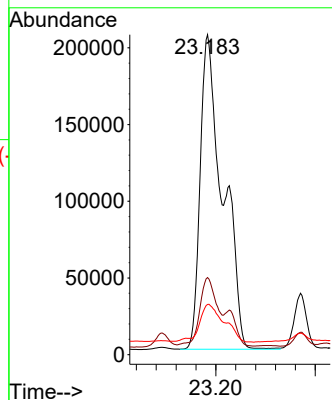


#24
Benzo(b)fluoranthene
Concen: 7.130 ng/ul
RT: 23.183 min Scan# 4739
Delta R.T. -0.001 min
Lab File: BN025389.D
Acq: 10 May 2023 20:19

Instrument :
BNA_N
ClientSampleId :
EW975DL

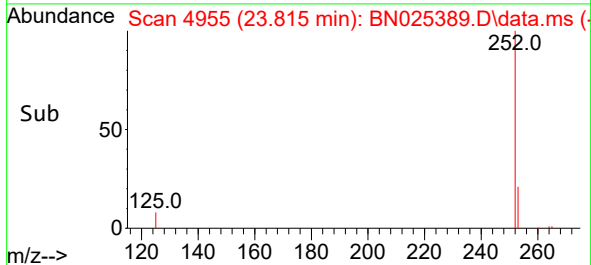
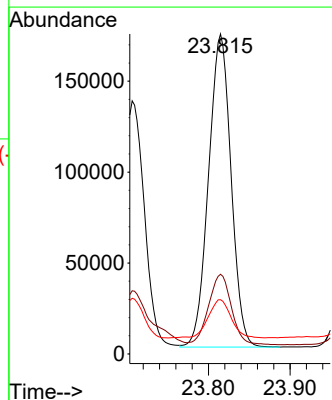
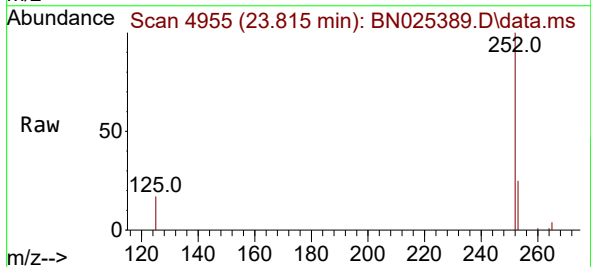


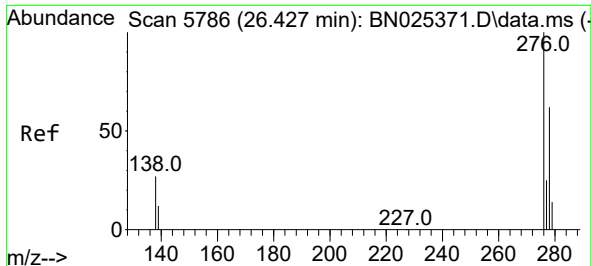
Tgt Ion:252 Resp: 647608
Ion Ratio Lower Upper
252 100
253 24.1 0.0 50.2
125 15.7 0.0 30.4



#26
Benzo(a)pyrene
Concen: 4.385 ng/ul
RT: 23.815 min Scan# 4955
Delta R.T. -0.004 min
Lab File: BN025389.D
Acq: 10 May 2023 20:19

Tgt Ion:252 Resp: 329519
Ion Ratio Lower Upper
252 100
253 24.9 21.4 32.2
125 17.0 14.6 22.0





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.736 ng/ul

RT: 26.443 min Scan# 5791

Delta R.T. -0.014 min

Lab File: BN025389.D

Acq: 10 May 2023 20:19

Instrument :

BNA_N

ClientSampleId :

EW975DL

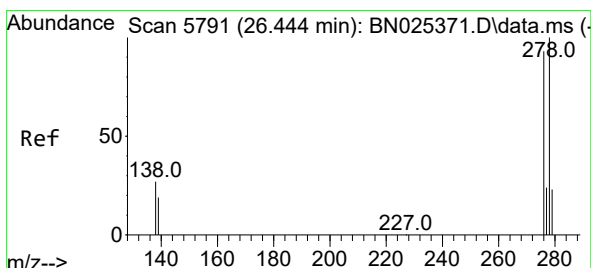
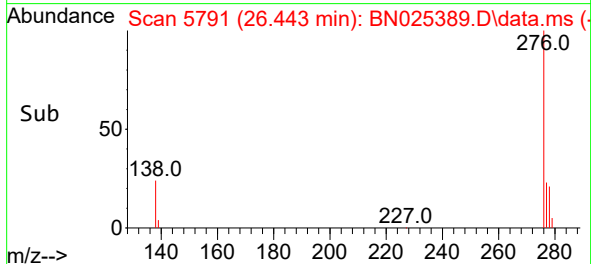
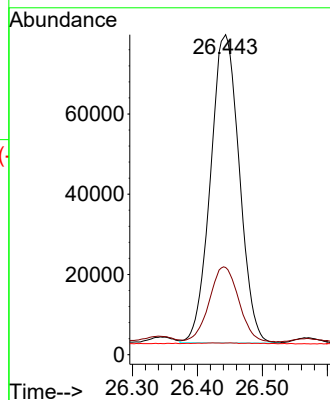
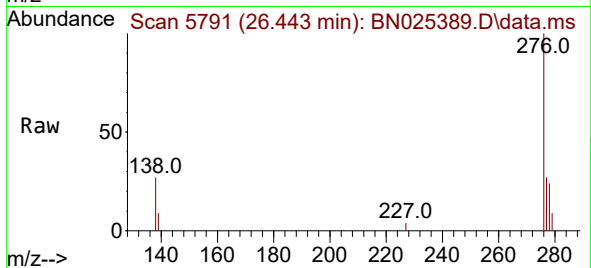
Tgt Ion:276 Resp: 236890

Ion Ratio Lower Upper

276 100

138 24.7 21.9 32.9

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.929 ng/ul

RT: 26.443 min Scan# 5791

Delta R.T. -0.031 min

Lab File: BN025389.D

Acq: 10 May 2023 20:19

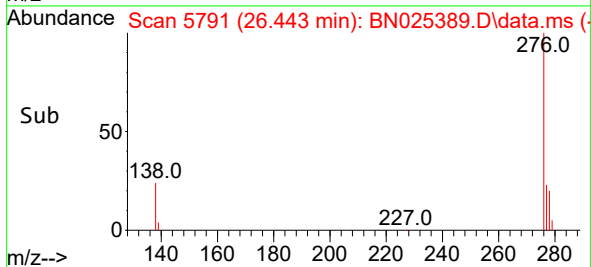
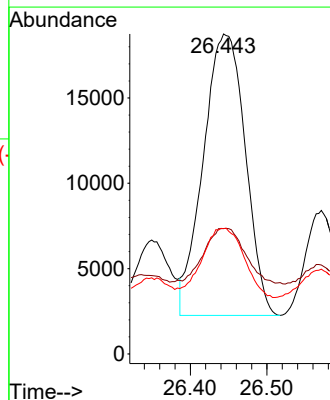
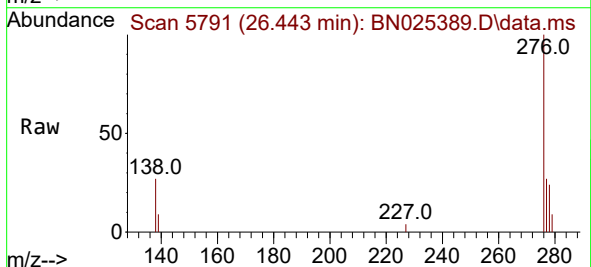
Tgt Ion:278 Resp: 62855

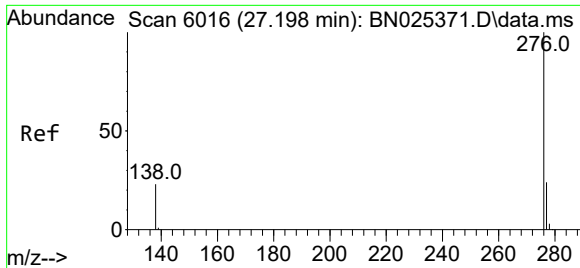
Ion Ratio Lower Upper

278 100

139 39.2 17.0 25.6#

279 39.1 21.8 32.8#





#29
 Benzo(g,h,i)perylene
 Concen: 3.147 ng/ul
 RT: 27.225 min Scan# 6016
 Delta R.T. -0.014 min
 Lab File: BN025389.D
 Acq: 10 May 2023 20:19

Instrument :
 BNA_N
 ClientSampleId :
 EW975DL

Tgt Ion:	276	Resp:	231686
Ion	Ratio	Lower	Upper
276	100		
138	28.1	20.3	30.5
277	26.9	19.8	29.6

