

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032410.D
 Acq On : 02 Jul 2024 20:48
 Operator : MA/JU
 Sample : P2871-16DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN7DL

Quant Time: Jul 02 23:56:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

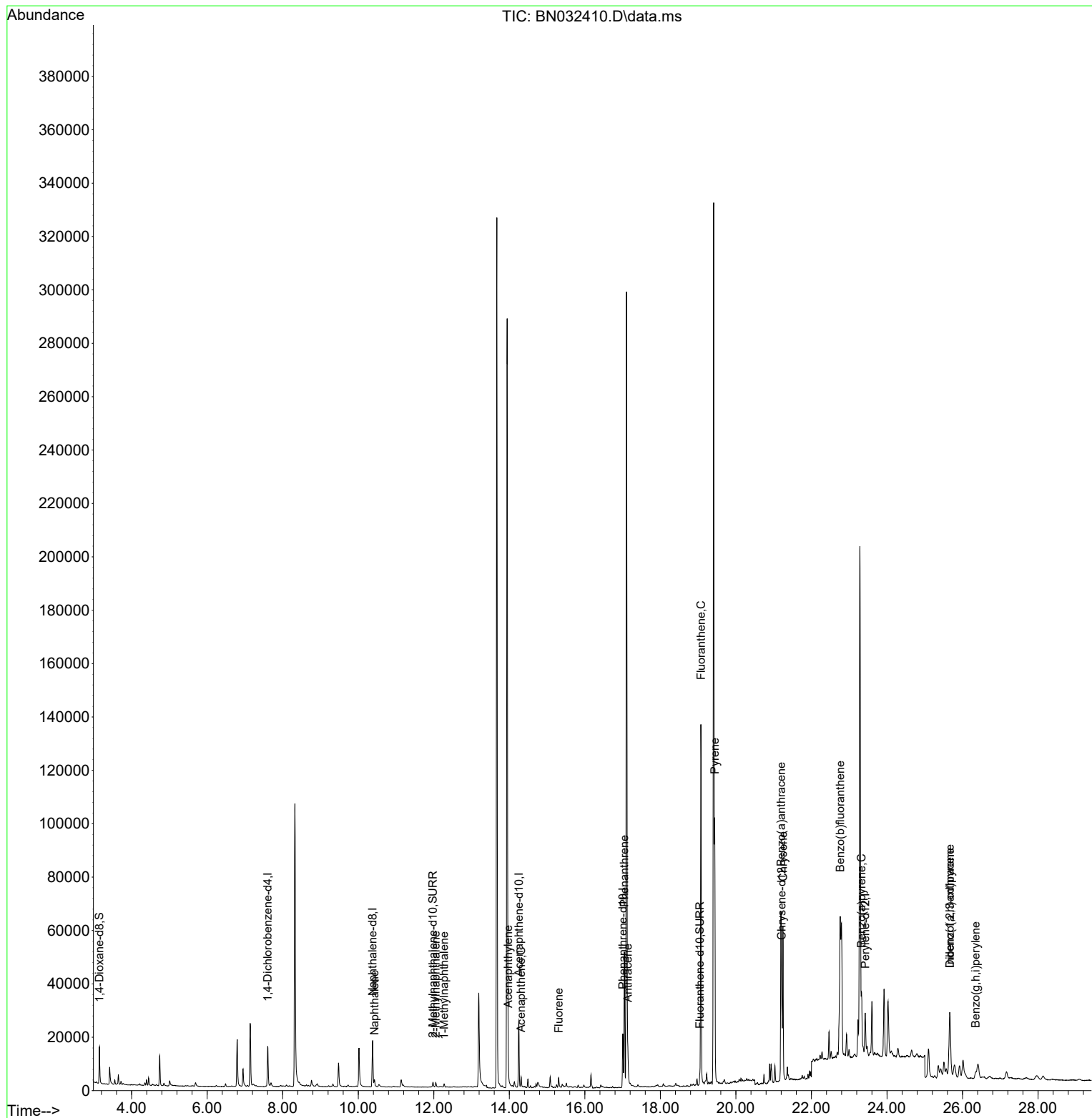
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	8278	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	25338	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	14058	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	23950	0.400	ng/ul	-0.02
17) Chrysene-d12	21.209	240	18104	0.400	ng/ul	#-0.02
23) Perylene-d12	23.424	264	21692	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	9754	1.060	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	2907	0.077	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	4520	0.083	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.431	128	3661	0.055	ng/ul#	91
7) 2-Methylnaphthalene	12.054	142	1481	0.033	ng/ul	96
8) 1-Methylnaphthalene	12.274	142	941	0.020	ng/ul	95
10) Acenaphthylene	13.971	152	6179	0.106	ng/ul	94
11) Acenaphthene	14.313	153	2111	0.047	ng/ul	95
12) Fluorene	15.308	166	2655	0.049	ng/ul#	97
15) Phenanthrene	17.046	178	54727	0.833	ng/ul	100
16) Anthracene	17.138	178	10901	0.186	ng/ul	96
19) Fluoranthene	19.073	202	115218	1.671	ng/ul	97
20) Pyrene	19.440	202	83685	1.162	ng/ul	98
21) Benzo(a)anthracene	21.194	228	47298	0.724	ng/ul	96
22) Chrysene	21.246	228	59621	0.831	ng/ul	96
24) Benzo(b)fluoranthene	22.763	252	117452	1.246	ng/ul	96
26) Benzo(a)pyrene	23.327	252	30870	0.471	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.663	276	33879	0.330	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.663	278	11002	0.144	ng/ul#	18
29) Benzo(g,h,i)perylene	26.347	276	6638	0.081	ng/ul#	44

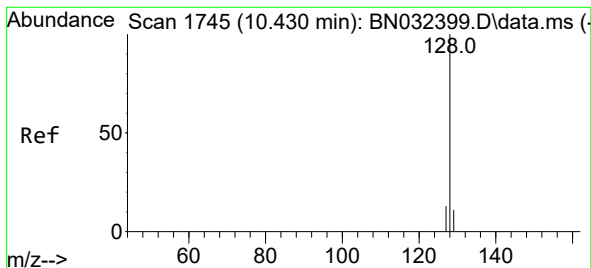
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.055 ng/ul

RT: 10.431 min Scan# 1

Delta R.T. -0.017 min

Lab File: BN032410.D

Acq: 02 Jul 2024 20:48

Instrument :

BNA_N

ClientSampleId :

A4CN7DL

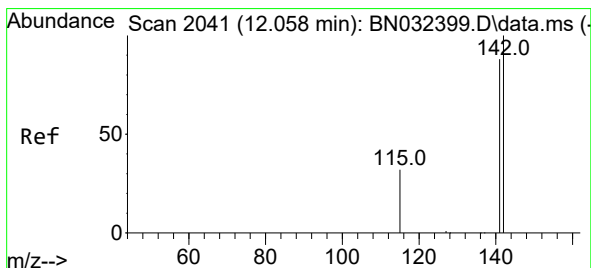
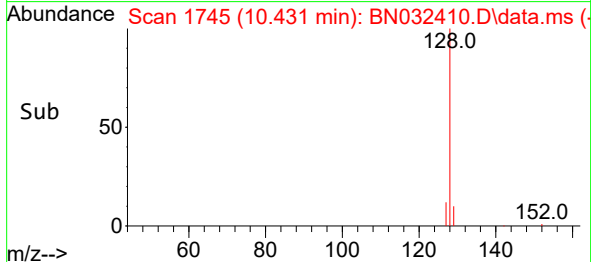
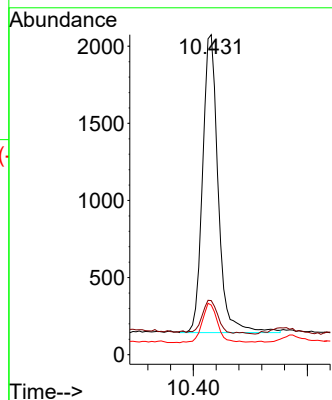
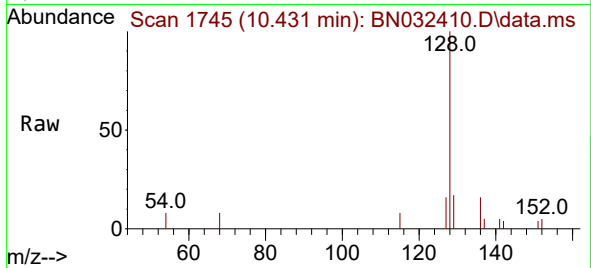
Tgt Ion:128 Resp: 3661

Ion Ratio Lower Upper

128 100

129 16.9 9.2 13.8#

127 15.5 10.8 16.2



#7

2-Methylnaphthalene

Concen: 0.033 ng/ul

RT: 12.054 min Scan# 2040

Delta R.T. -0.022 min

Lab File: BN032410.D

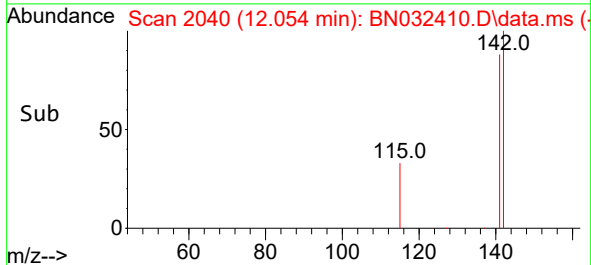
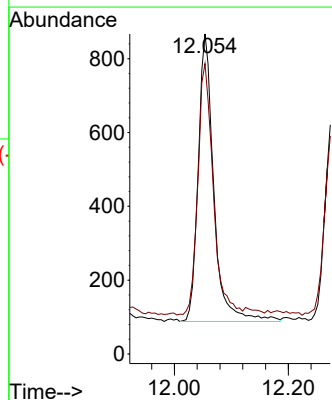
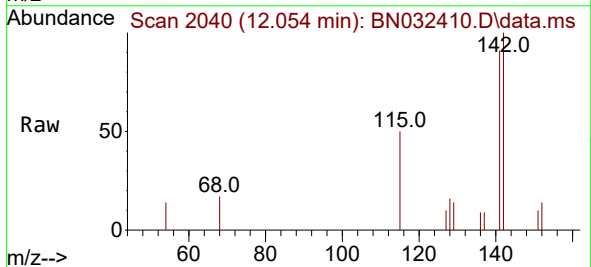
Acq: 02 Jul 2024 20:48

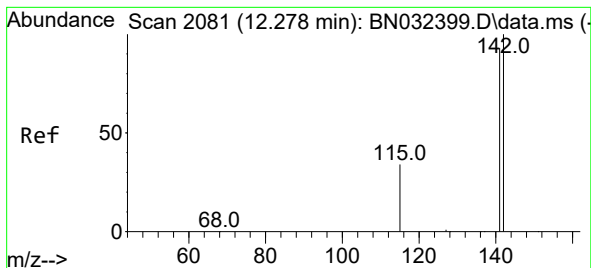
Tgt Ion:142 Resp: 1481

Ion Ratio Lower Upper

142 100

141 86.0 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 12.274 min Scan# 2081

Delta R.T. -0.022 min

Lab File: BN032410.D

Acq: 02 Jul 2024 20:48

Instrument :

BNA_N

ClientSampleId :

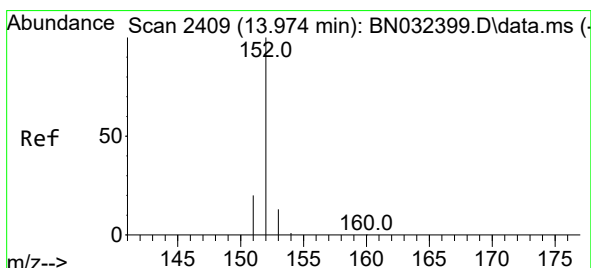
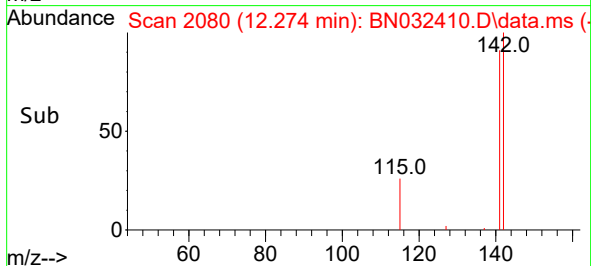
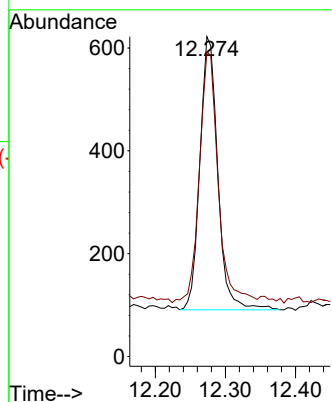
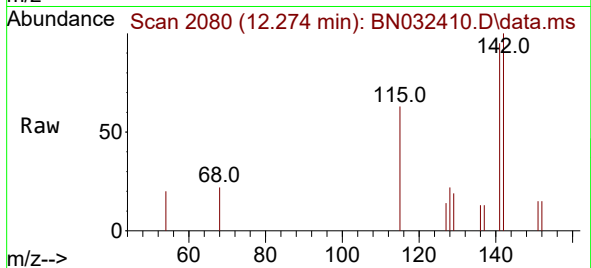
A4CN7DL

Tgt Ion:142 Resp: 941

Ion Ratio Lower Upper

142 100

141 96.2 73.4 110.0



#10

Acenaphthylene

Concen: 0.106 ng/ul

RT: 13.971 min Scan# 2408

Delta R.T. -0.019 min

Lab File: BN032410.D

Acq: 02 Jul 2024 20:48

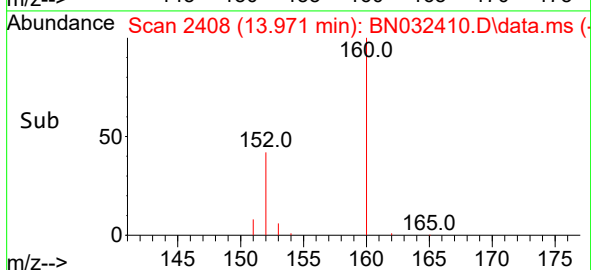
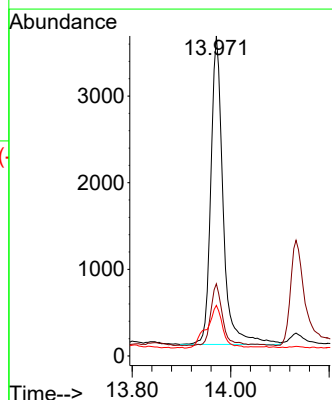
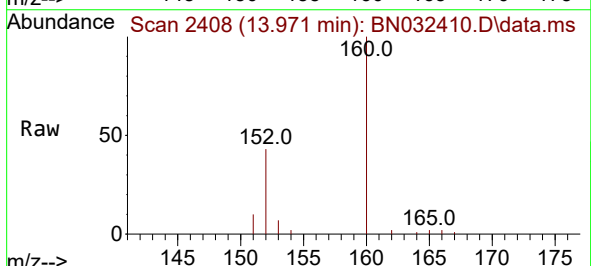
Tgt Ion:152 Resp: 6179

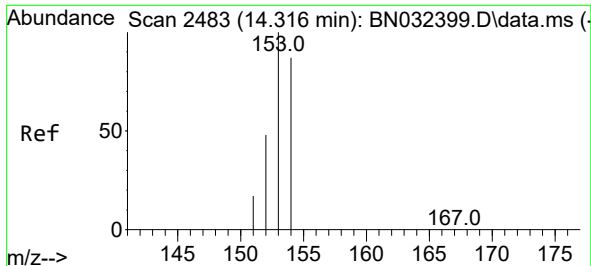
Ion Ratio Lower Upper

152 100

151 22.5 15.7 23.5

153 15.8 10.9 16.3

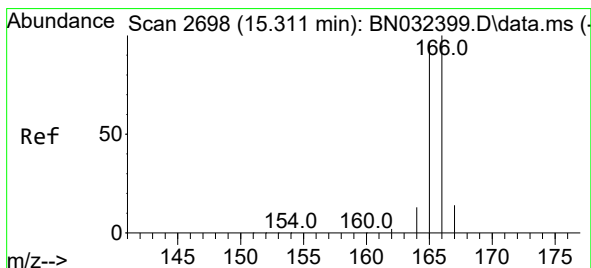
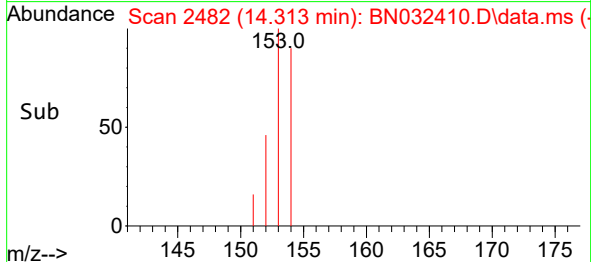
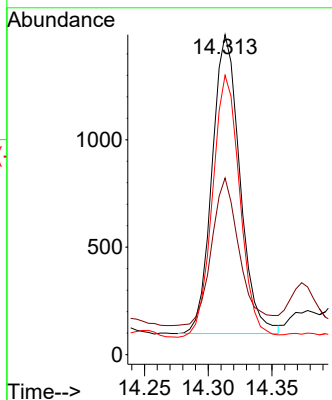
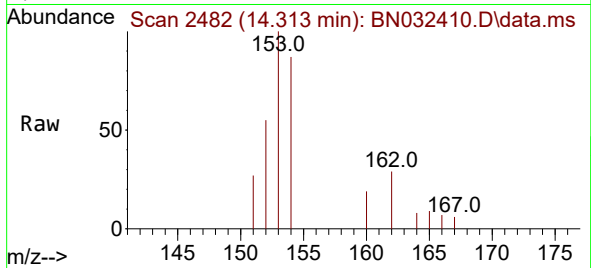




#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

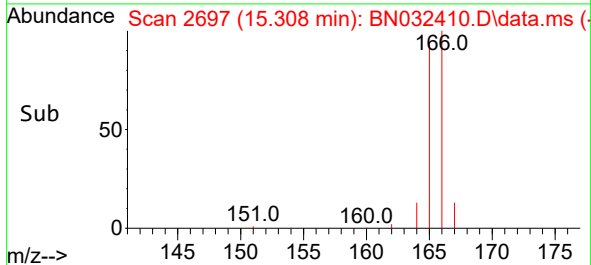
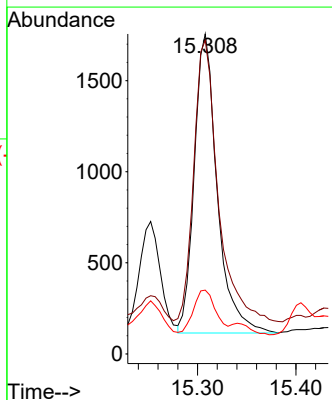
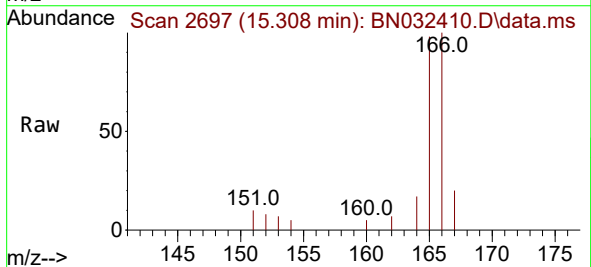
Instrument :
BNA_N
ClientSampleId :
A4CN7DL

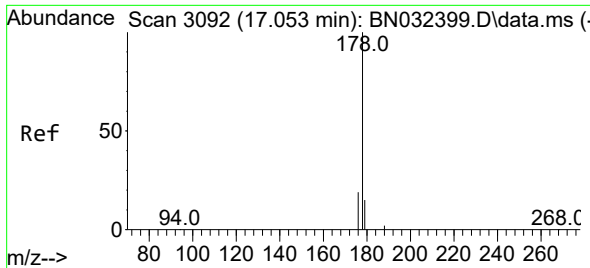
Tgt Ion:153 Resp: 2111
Ion Ratio Lower Upper
153 100
152 55.2 39.5 59.3
154 87.3 71.7 107.5



#12
Fluorene
Concen: 0.049 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

Tgt Ion:166 Resp: 2655
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 19.9 11.0 16.6#

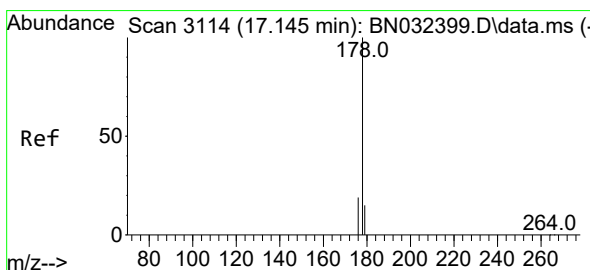
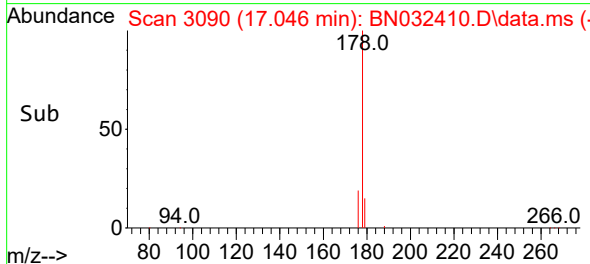
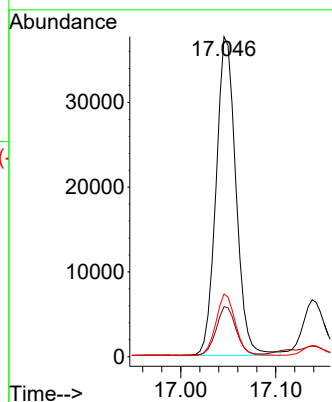
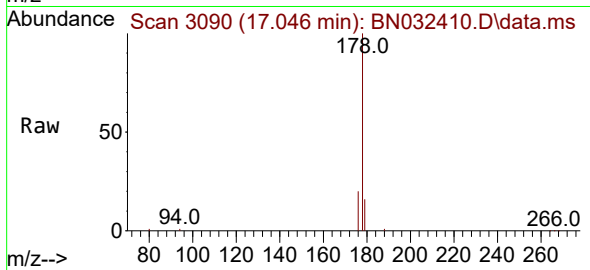




#15
Phenanthrene
Concen: 0.833 ng/ul
RT: 17.046 min Scan# 3092
Delta R.T. -0.021 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

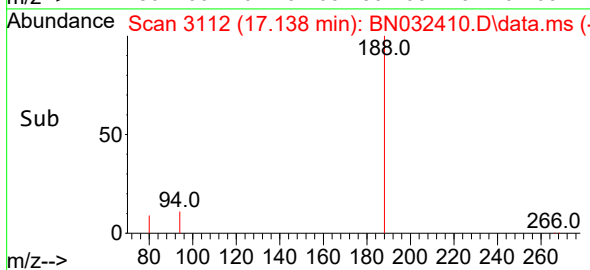
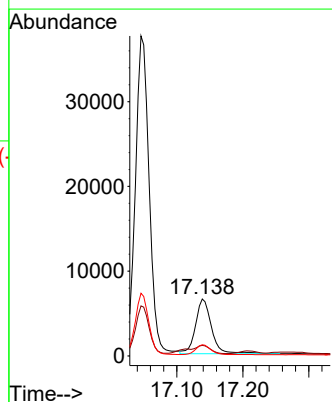
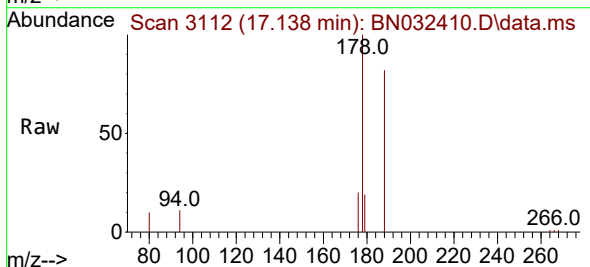
Instrument :
BNA_N
ClientSampleId :
A4CN7DL

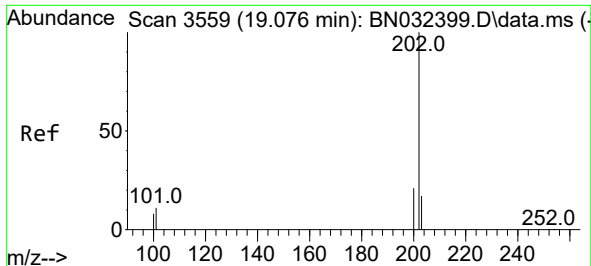
Tgt Ion:	178	Resp:	54727
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	18.8
176	19.6	15.6	23.4



#16
Anthracene
Concen: 0.186 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.021 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

Tgt Ion:	178	Resp:	10901
Ion Ratio	Lower	Upper	
178	100		
179	18.6	12.5	18.7
176	19.6	15.0	22.6

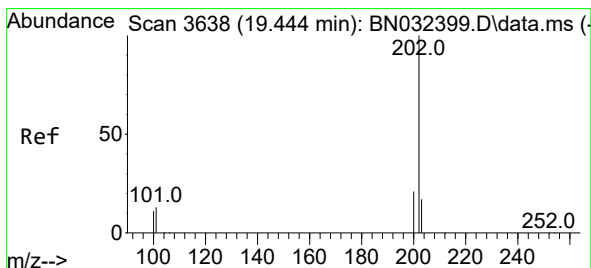
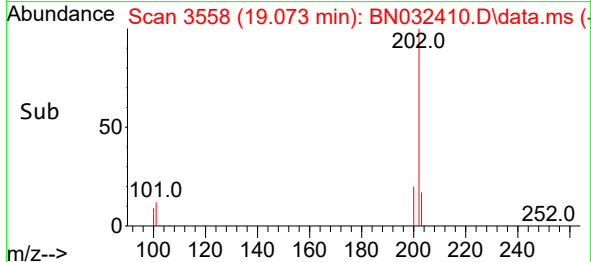
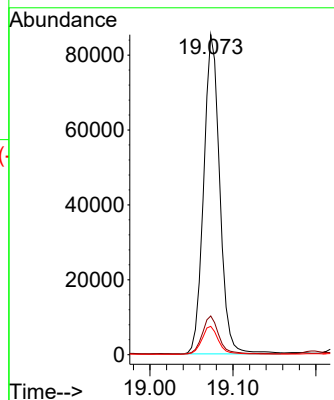
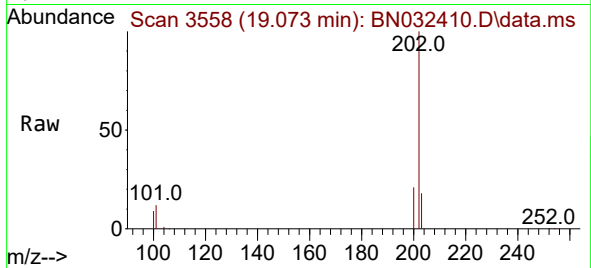




#19
Fluoranthene
Concen: 1.671 ng/ul
RT: 19.073 min Scan# 31
Delta R.T. -0.019 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

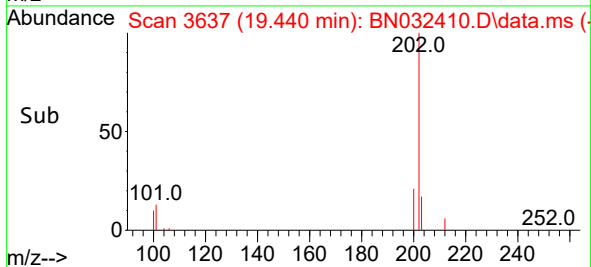
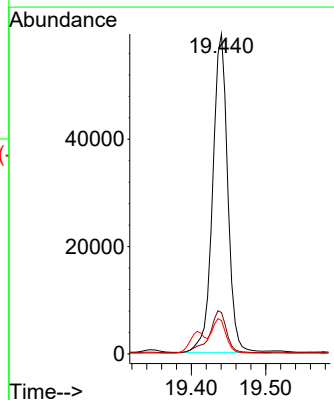
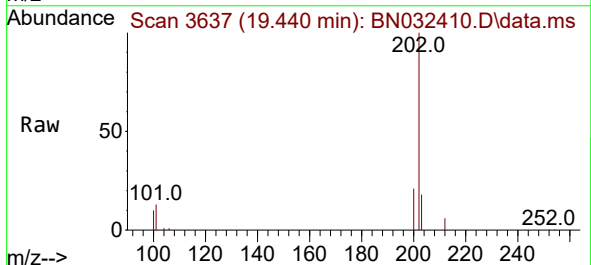
Instrument :
BNA_N
ClientSampleId :
A4CN7DL

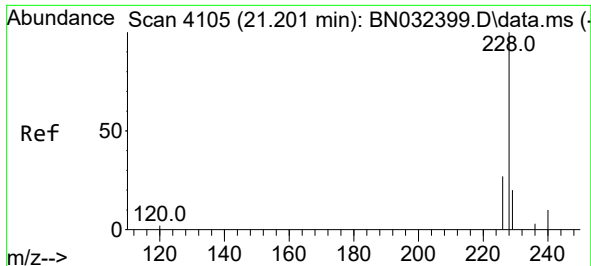
Tgt Ion:202 Resp: 115218
Ion Ratio Lower Upper
202 100
101 12.1 8.8 13.2
100 8.9 6.4 9.6



#20
Pyrene
Concen: 1.162 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

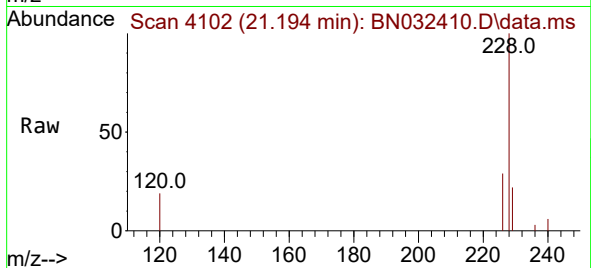
Tgt Ion:202 Resp: 83685
Ion Ratio Lower Upper
202 100
101 13.0 11.0 16.4
100 10.4 8.7 13.1



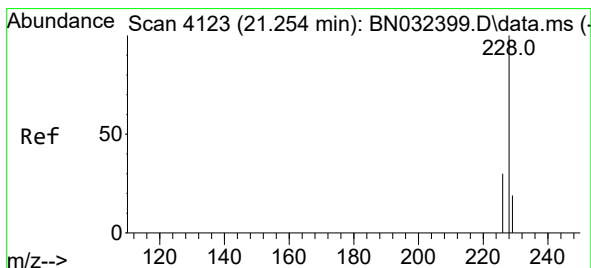
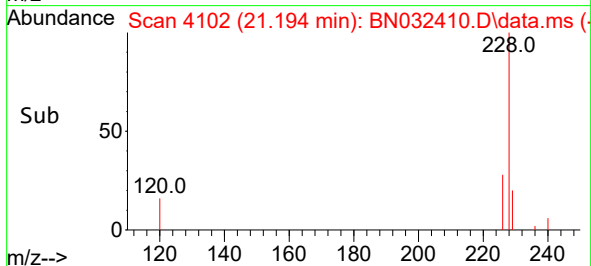
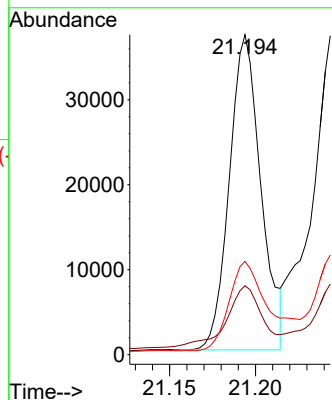


#21
Benzo(a)anthracene
Concen: 0.724 ng/ul
RT: 21.194 min Scan# 4105
Delta R.T. -0.021 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

Instrument :
BNA_N
ClientSampleId :
A4CN7DL

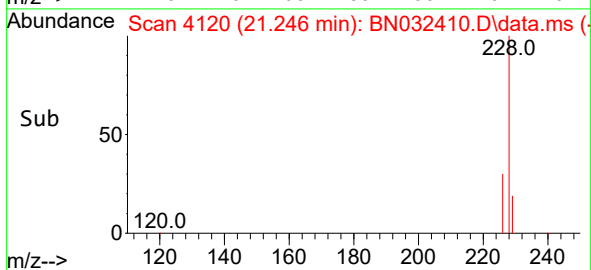
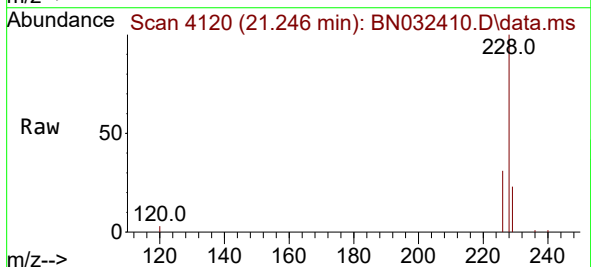
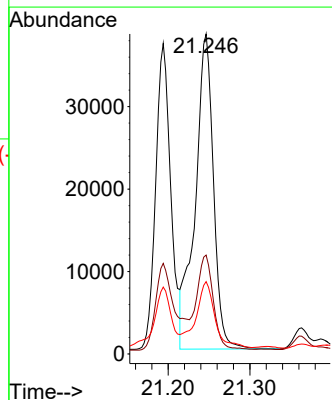


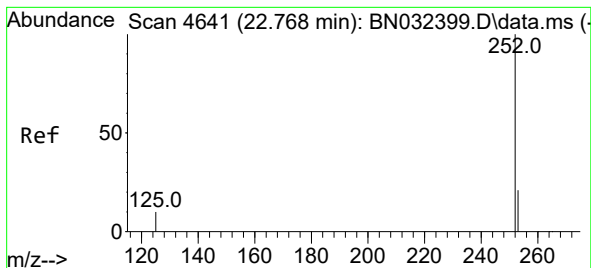
Tgt Ion:228 Resp: 47298
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 29.2 21.8 32.8



#22
Chrysene
Concen: 0.831 ng/ul
RT: 21.246 min Scan# 4120
Delta R.T. -0.021 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

Tgt Ion:228 Resp: 59621
Ion Ratio Lower Upper
228 100
226 30.9 23.6 35.4
229 22.6 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 1.246 ng/ul

RT: 22.763 min Scan# 4639

Delta R.T. -0.021 min

Lab File: BN032410.D

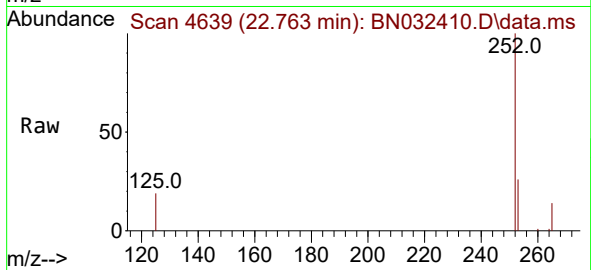
Acq: 02 Jul 2024 20:48

Instrument :

BNA_N

ClientSampleId :

A4CN7DL



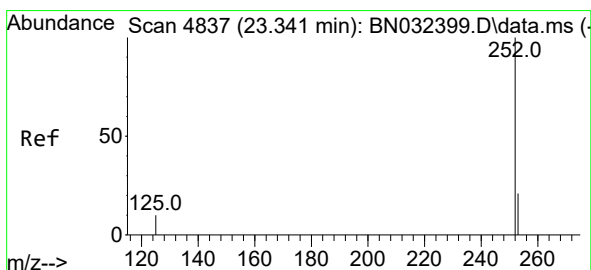
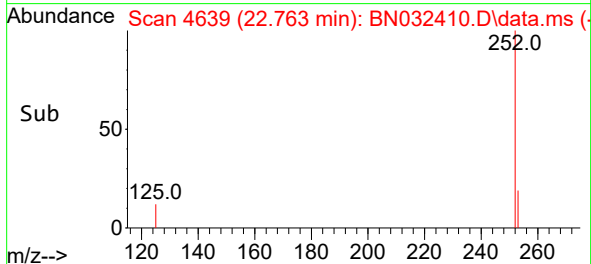
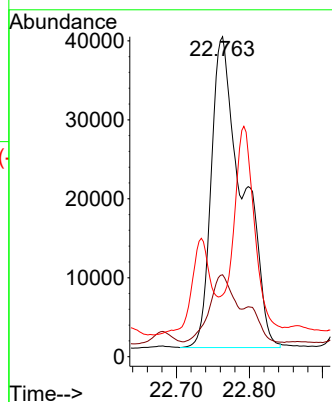
Tgt Ion:252 Resp: 117452

Ion Ratio Lower Upper

252 100

253 25.6 0.0 50.2

125 19.3 0.0 32.0



#26

Benzo(a)pyrene

Concen: 0.471 ng/ul

RT: 23.327 min Scan# 4832

Delta R.T. -0.032 min

Lab File: BN032410.D

Acq: 02 Jul 2024 20:48

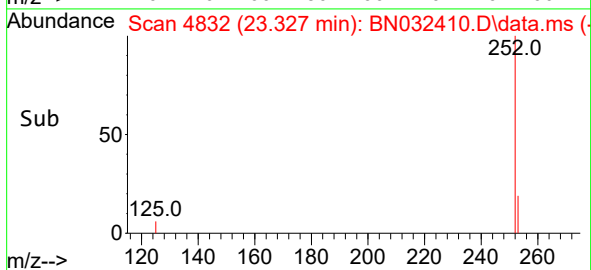
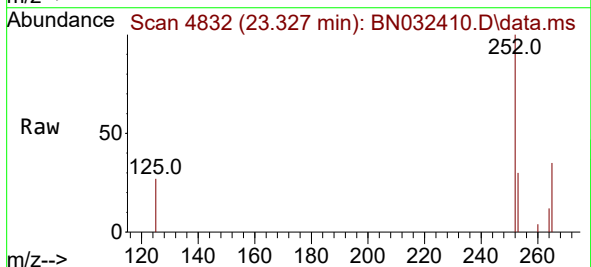
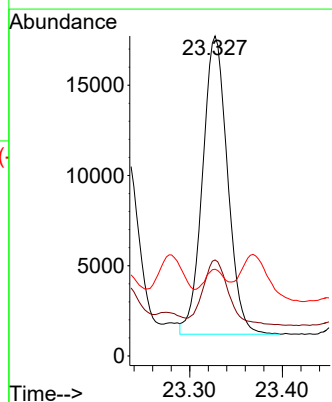
Tgt Ion:252 Resp: 30870

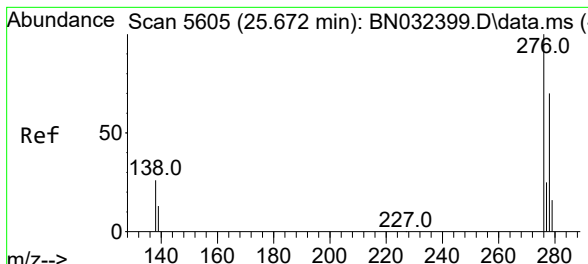
Ion Ratio Lower Upper

252 100

253 30.0 22.2 33.2

125 27.1 16.4 24.6#



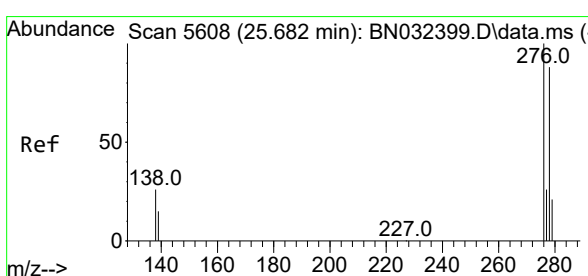
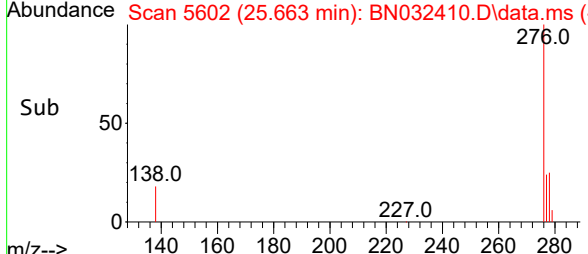
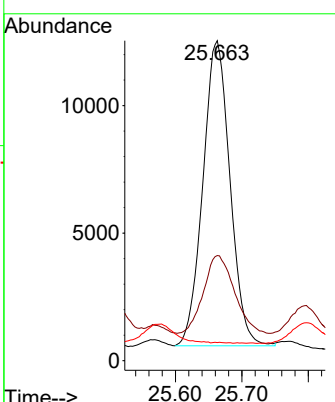
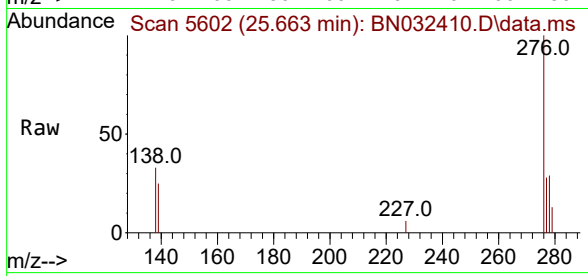


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.330 ng/ul
 RT: 25.663 min Scan# 5602
 Delta R.T. -0.037 min
 Lab File: BN032410.D
 Acq: 02 Jul 2024 20:48

Instrument :
 BNA_N
 ClientSampleId :
 A4CN7DL

Tgt Ion: 276 Resp: 33879

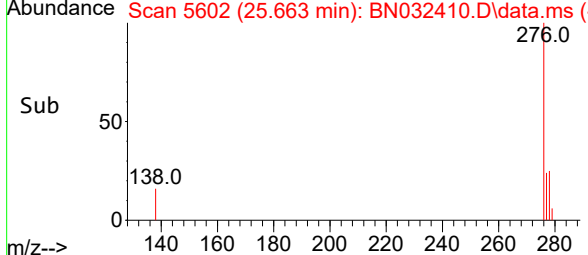
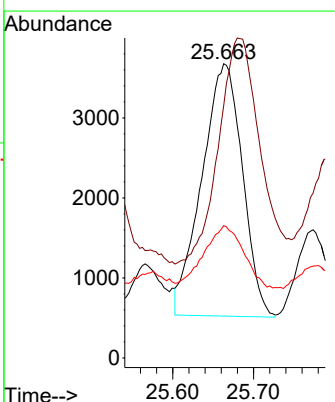
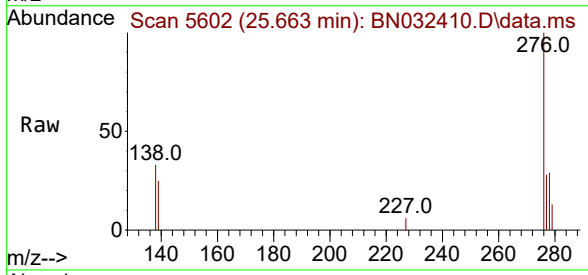
Ion	Ratio	Lower	Upper
276	100		
138	30.1	21.3	31.9
227	0.0	0.1	0.1

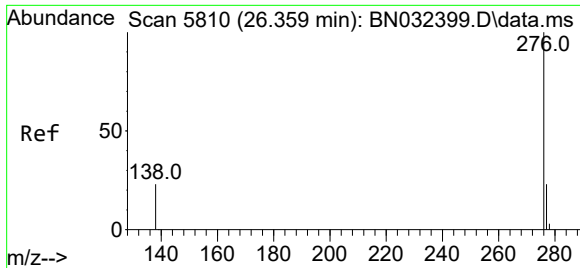


#28
 Dibenzo(a,h)anthracene
 Concen: 0.144 ng/ul
 RT: 25.663 min Scan# 5602
 Delta R.T. -0.047 min
 Lab File: BN032410.D
 Acq: 02 Jul 2024 20:48

Tgt Ion: 278 Resp: 11002

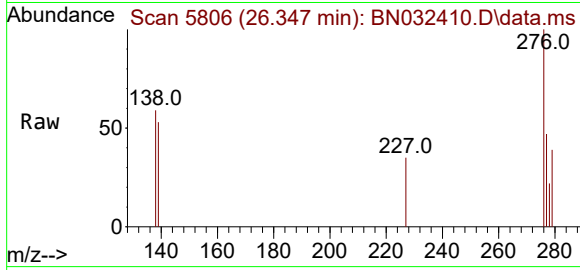
Ion	Ratio	Lower	Upper
278	100		
139	85.7	15.9	23.9
279	45.0	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.081 ng/ul
RT: 26.347 min Scan# 51
Delta R.T. -0.034 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

Instrument :
BNA_N
ClientSampleId :
A4CN7DL



Tgt Ion:276 Resp: 6638
Ion Ratio Lower Upper
276 100
138 58.7 19.8 29.6#
277 47.1 19.8 29.6#

