

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032516.D
 Acq On : 05 Jul 2024 20:06
 Operator : MA/JU
 Sample : P2963-09DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR0DL

Quant Time: Jul 05 23:28:43 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

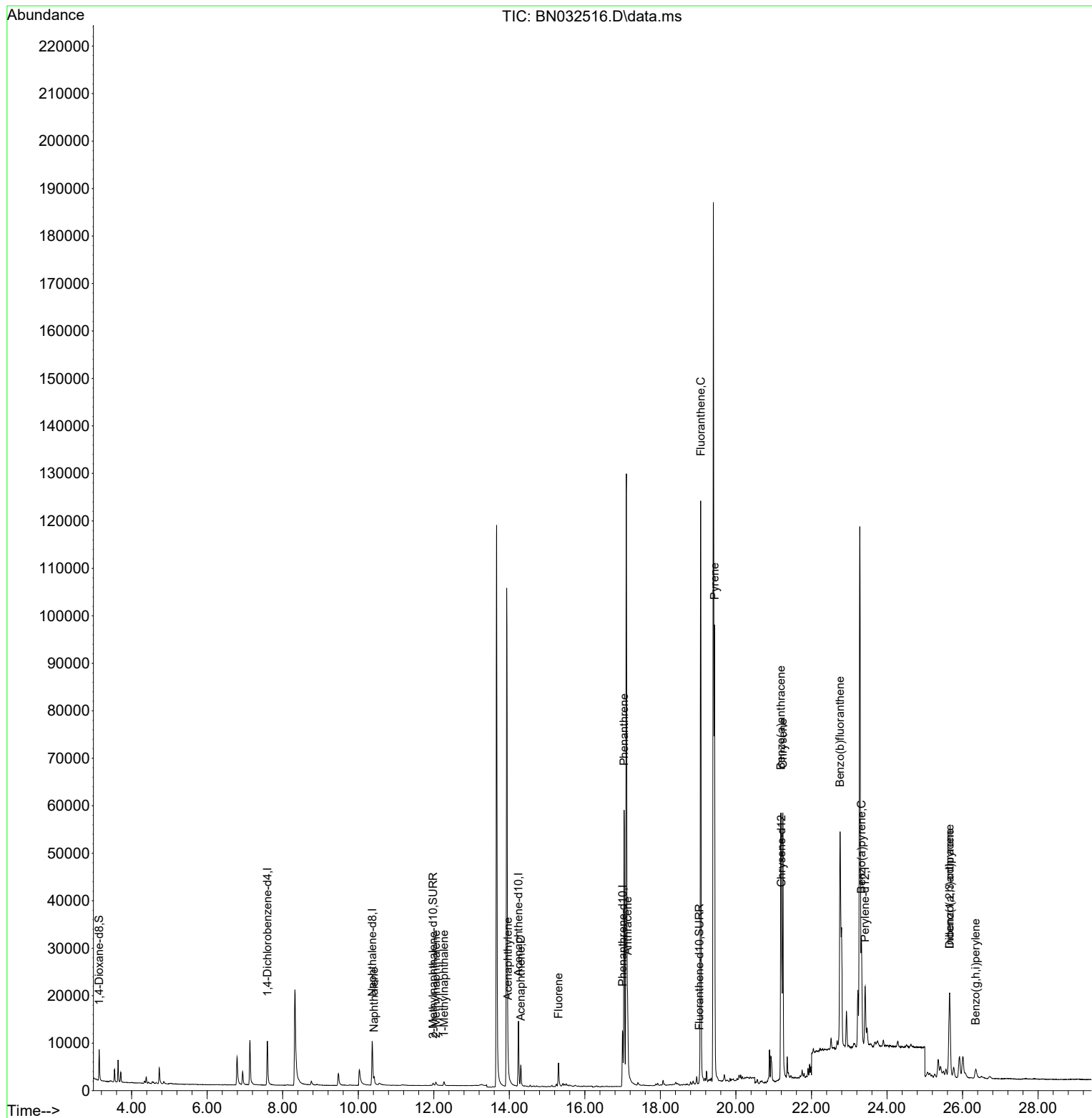
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	5638	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	15441	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.242	164	8250	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.998	188	15329	0.400	ng/ul	0.00
17) Chrysene-d12	21.207	240	14759	0.400	ng/ul	0.00
23) Perylene-d12	23.422	264	17607	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4555	0.727	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	999	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	2133	0.048	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.419	128	2114	0.052	ng/ul#	83
7) 2-Methylnaphthalene	12.058	142	818	0.030	ng/ul	100
8) 1-Methylnaphthalene	12.272	142	723	0.026	ng/ul	96
10) Acenaphthylene	13.965	152	4070	0.119	ng/ul#	94
11) Acenaphthene	14.303	153	2803	0.105	ng/ul	98
12) Fluorene	15.302	166	3845	0.121	ng/ul#	98
15) Phenanthrene	17.040	178	65981	1.570	ng/ul	99
16) Anthracene	17.133	178	14937	0.398	ng/ul	96
19) Fluoranthene	19.067	202	111961	1.992	ng/ul	98
20) Pyrene	19.434	202	81483	1.387	ng/ul	98
21) Benzo(a)anthracene	21.190	228	53792	1.010	ng/ul	98
22) Chrysene	21.242	228	53070	0.908	ng/ul	96
24) Benzo(b)fluoranthene	22.759	252	102571	1.341	ng/ul	100
26) Benzo(a)pyrene	23.323	252	29694	0.558	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.658	276	28628	0.344	ng/ul	91
28) Dibenzo(a,h)anthracene	25.658	278	9207	0.149	ng/ul#	72
29) Benzo(g,h,i)perylene	26.349	276	4006	0.060	ng/ul#	54

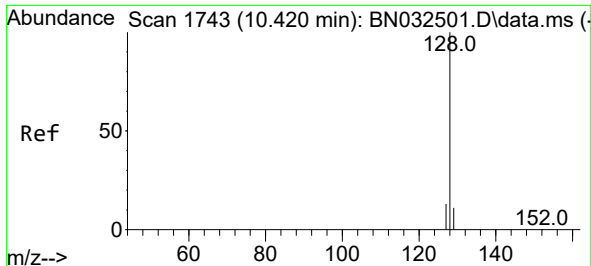
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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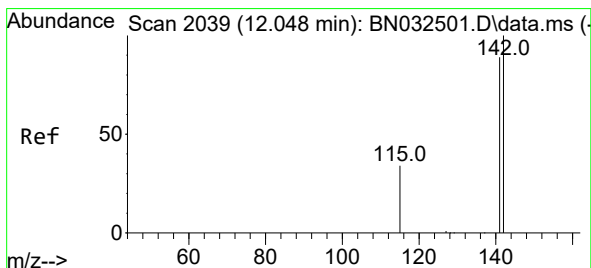
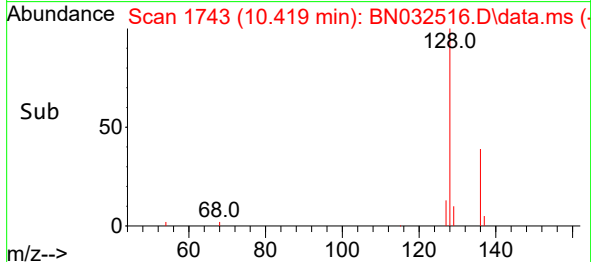
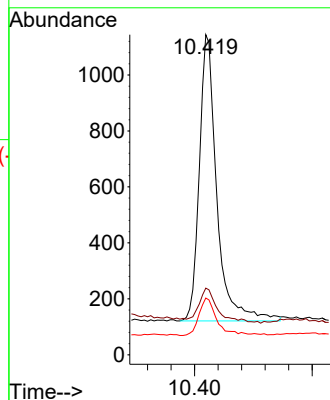
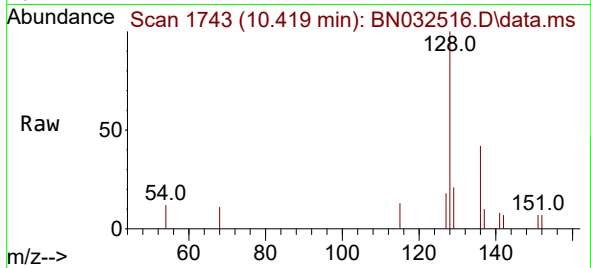




#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.419 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

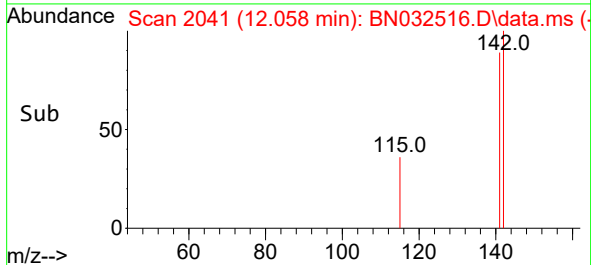
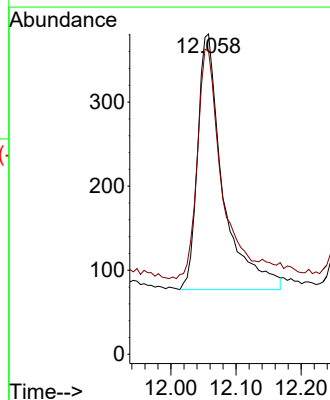
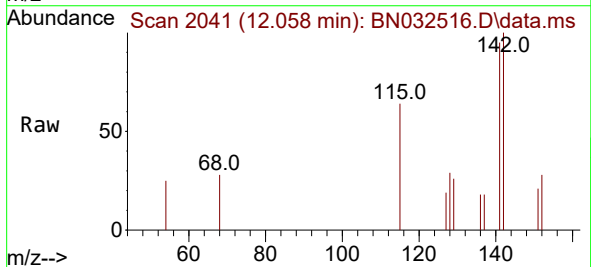
Instrument :
BNA_N
ClientSampleId :
A4CR0DL

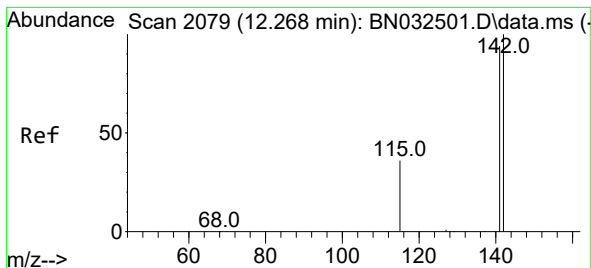
Tgt Ion:128 Resp: 2114
Ion Ratio Lower Upper
128 100
129 20.8 9.2 13.8#
127 17.7 10.8 16.2#



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.058 min Scan# 2041
Delta R.T. 0.004 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

Tgt Ion:142 Resp: 818
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.026 ng/ul

RT: 12.272 min Scan# 2079

Delta R.T. -0.001 min

Lab File: BN032516.D

Acq: 05 Jul 2024 20:06

Instrument :

BNA_N

ClientSampleId :

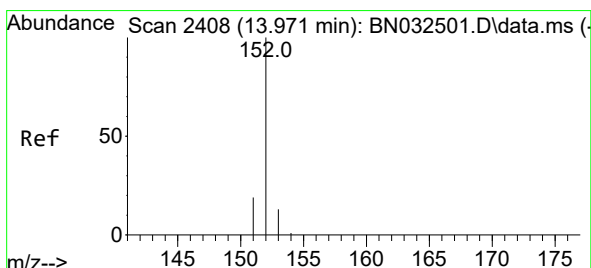
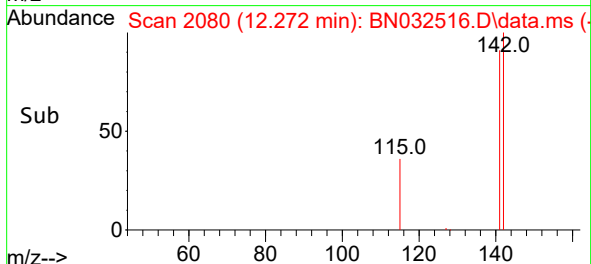
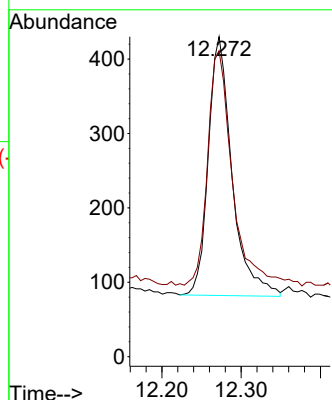
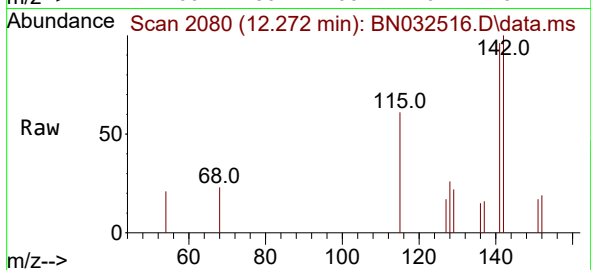
A4CR0DL

Tgt Ion:142 Resp: 723

Ion Ratio Lower Upper

142 100

141 95.3 73.4 110.0



#10

Acenaphthylene

Concen: 0.119 ng/ul

RT: 13.965 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BN032516.D

Acq: 05 Jul 2024 20:06

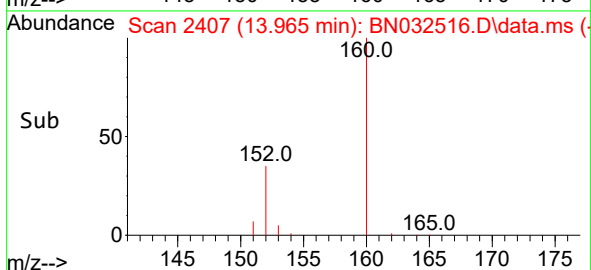
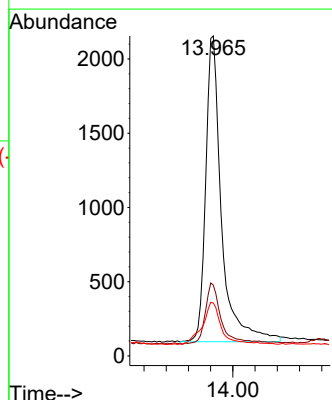
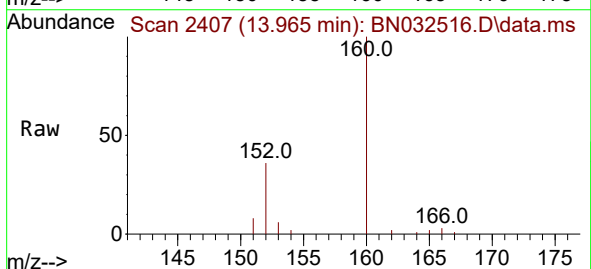
Tgt Ion:152 Resp: 4070

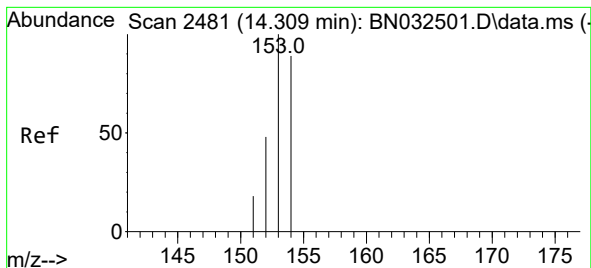
Ion Ratio Lower Upper

152 100

151 22.1 15.7 23.5

153 16.5 10.9 16.3#





#11

Acenaphthene

Concen: 0.105 ng/ul

RT: 14.303 min Scan# 2480

Delta R.T. -0.011 min

Lab File: BN032516.D

Acq: 05 Jul 2024 20:06

Instrument :

BNA_N

ClientSampleId :

A4CR0DL

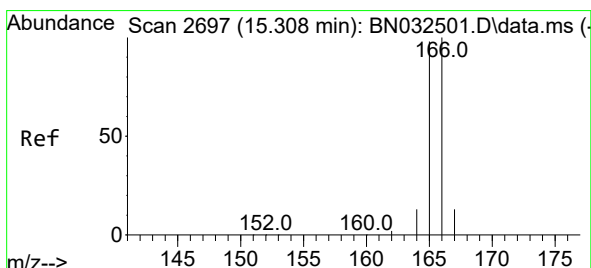
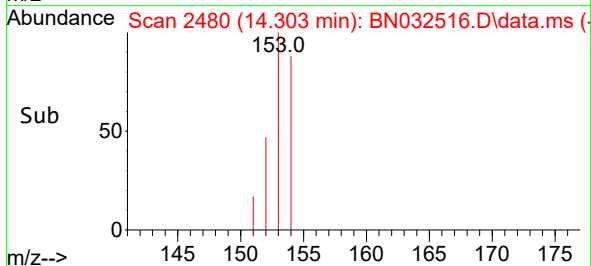
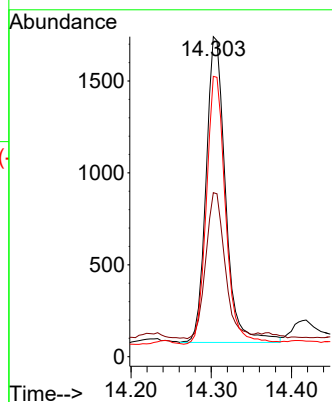
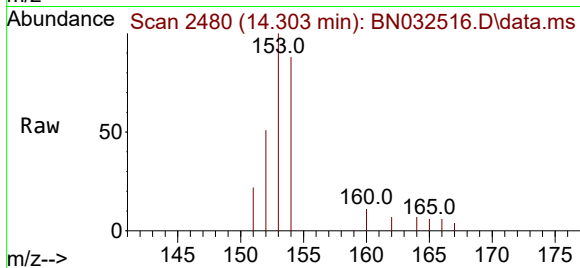
Tgt Ion:153 Resp: 2803

Ion Ratio Lower Upper

153 100

152 51.2 39.5 59.3

154 87.6 71.7 107.5



#12

Fluorene

Concen: 0.121 ng/ul

RT: 15.302 min Scan# 2696

Delta R.T. -0.011 min

Lab File: BN032516.D

Acq: 05 Jul 2024 20:06

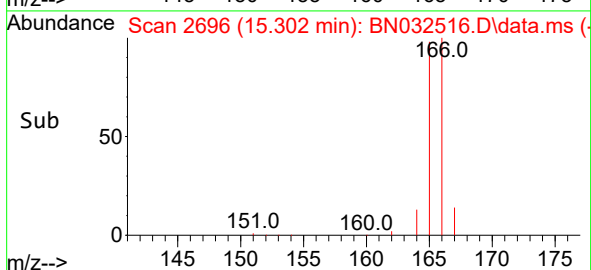
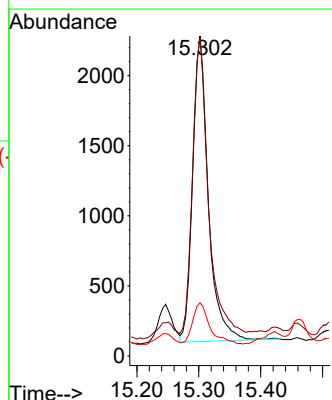
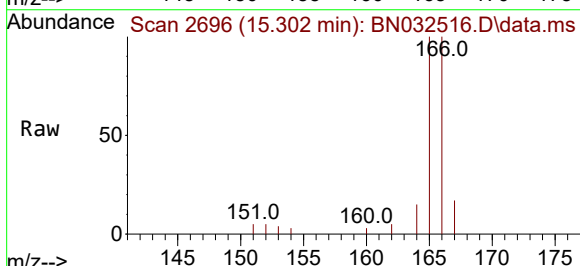
Tgt Ion:166 Resp: 3845

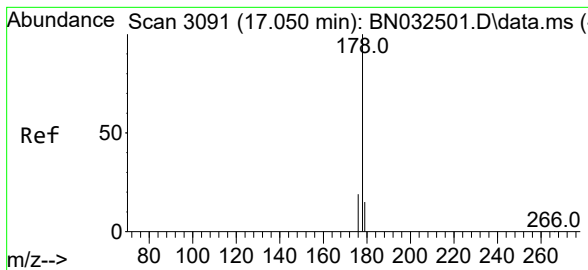
Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.6

167 16.6 11.0 16.6#

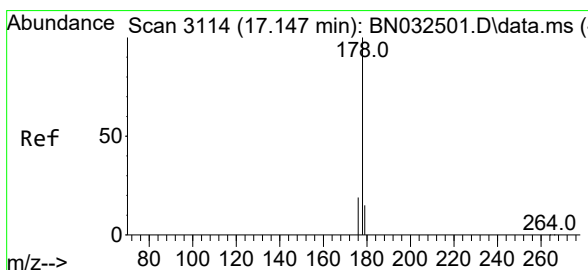
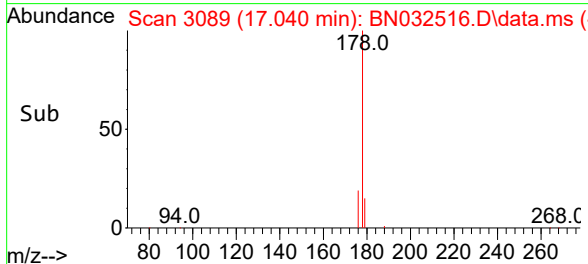
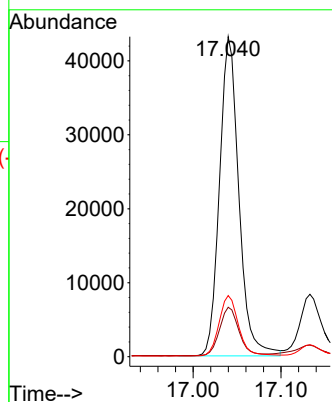
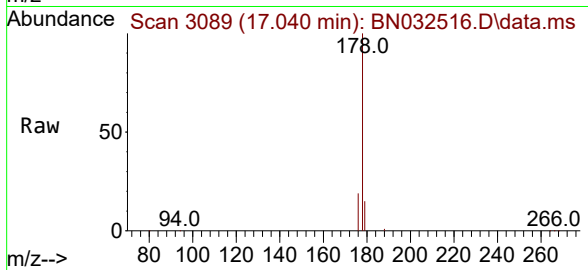




#15
Phenanthrene
Concen: 1.570 ng/ul
RT: 17.040 min Scan# 3091
Delta R.T. -0.010 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

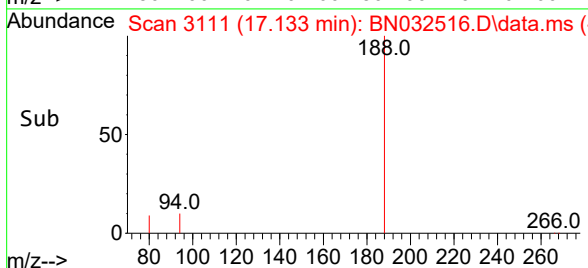
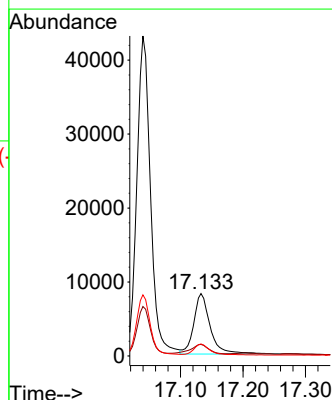
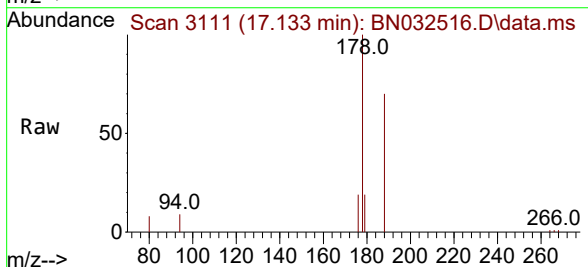
Instrument :
BNA_N
ClientSampleId :
A4CR0DL

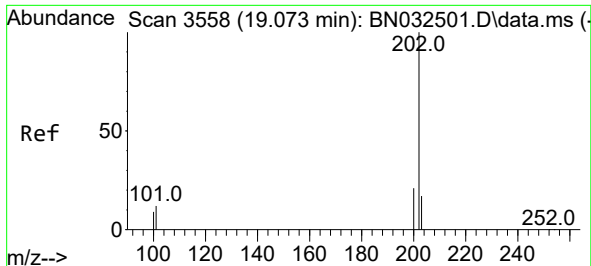
Tgt Ion:	178	Resp:	65981
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	18.8
176	19.1	15.6	23.4



#16
Anthracene
Concen: 0.398 ng/ul
RT: 17.133 min Scan# 3111
Delta R.T. -0.010 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

Tgt Ion:	178	Resp:	14937
Ion Ratio	Lower	Upper	
178	100		
179	18.5	12.5	18.7
176	19.2	15.0	22.6

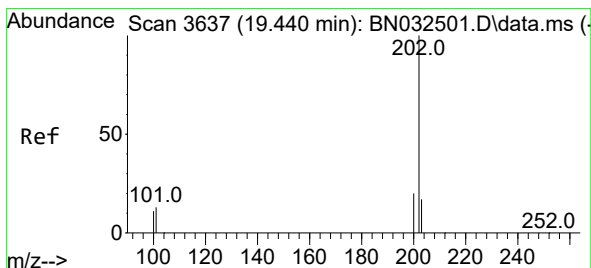
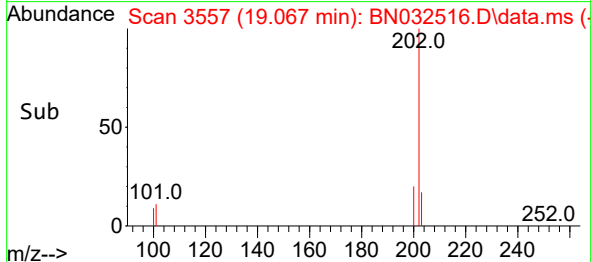
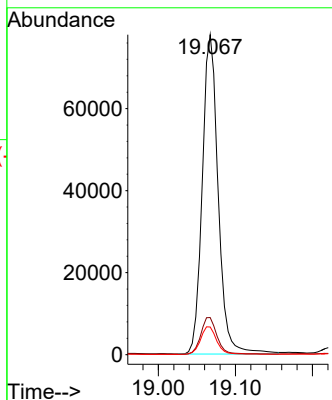
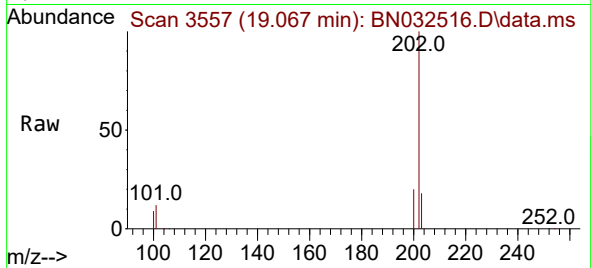




#19
Fluoranthene
Concen: 1.992 ng/ul
RT: 19.067 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

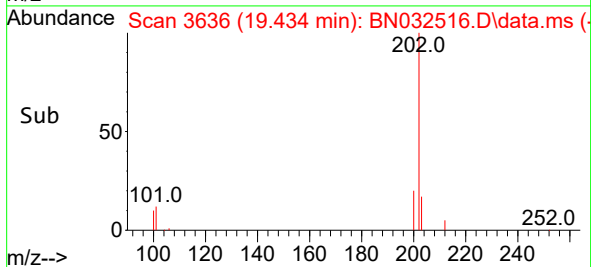
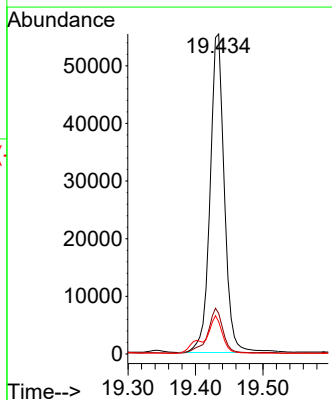
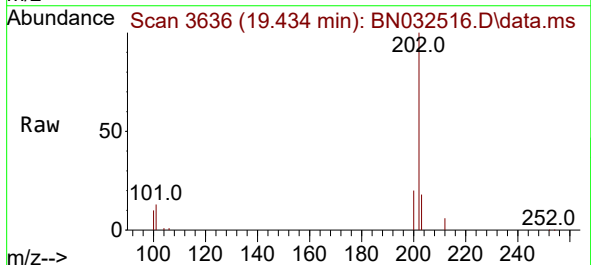
Instrument :
BNA_N
ClientSampleId :
A4CR0DL

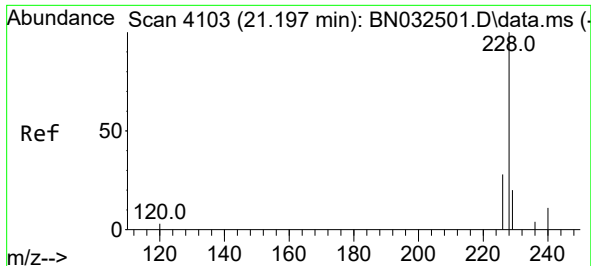
Tgt Ion:202 Resp: 111961
Ion Ratio Lower Upper
202 100
101 11.6 8.8 13.2
100 8.6 6.4 9.6



#20
Pyrene
Concen: 1.387 ng/ul
RT: 19.434 min Scan# 3636
Delta R.T. -0.006 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

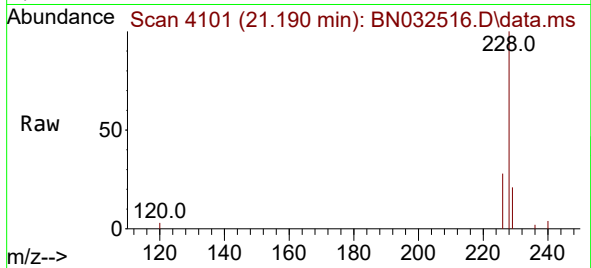
Tgt Ion:202 Resp: 81483
Ion Ratio Lower Upper
202 100
101 12.7 11.0 16.4
100 10.1 8.7 13.1



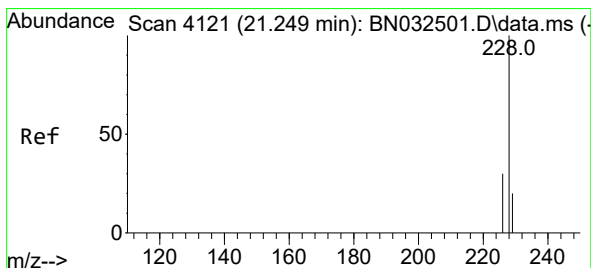
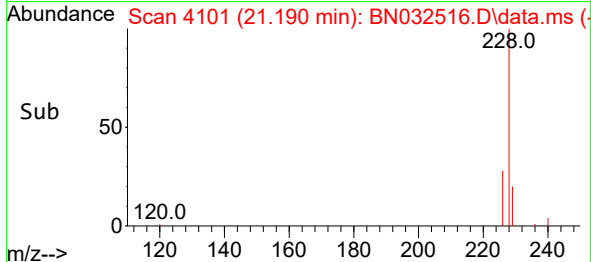
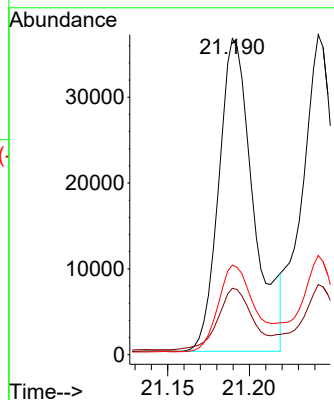


#21
Benzo(a)anthracene
Concen: 1.010 ng/ul
RT: 21.190 min Scan# 4119
Delta R.T. -0.001 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

Instrument :
BNA_N
ClientSampleId :
A4CR0DL

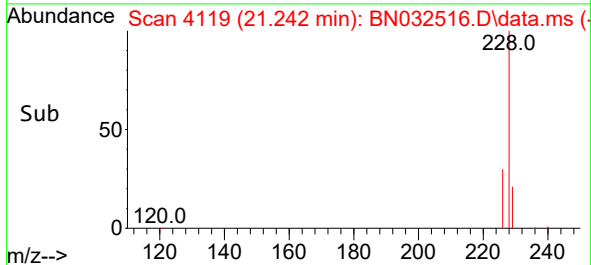
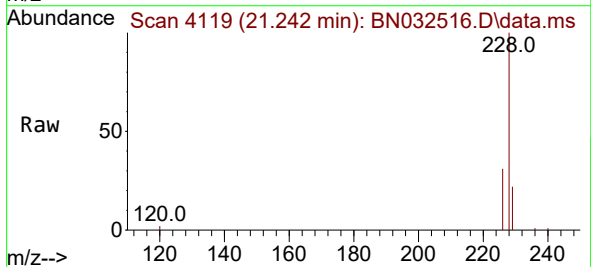
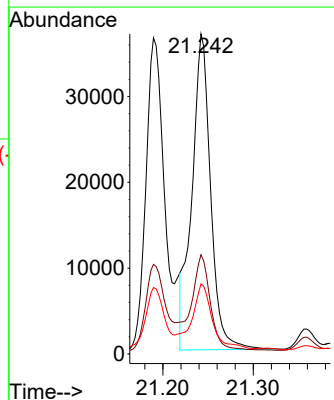


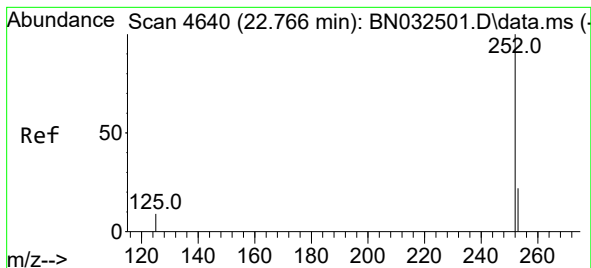
Tgt Ion:228 Resp: 53792
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 28.4 21.8 32.8



#22
Chrysene
Concen: 0.908 ng/ul
RT: 21.242 min Scan# 4119
Delta R.T. -0.001 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

Tgt Ion:228 Resp: 53070
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 21.9 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 1.341 ng/ul

RT: 22.759 min Scan# 4638

Delta R.T. 0.002 min

Lab File: BN032516.D

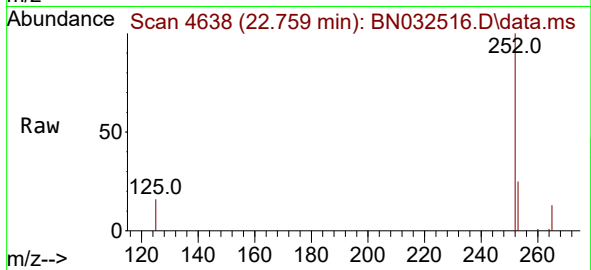
Acq: 05 Jul 2024 20:06

Instrument :

BNA_N

ClientSampleId :

A4CR0DL



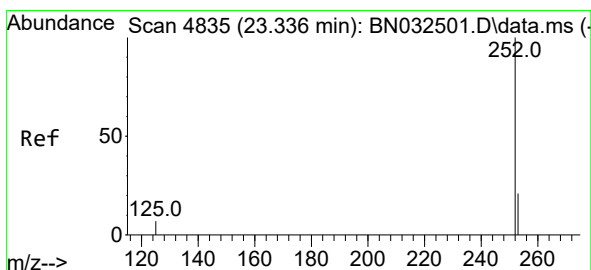
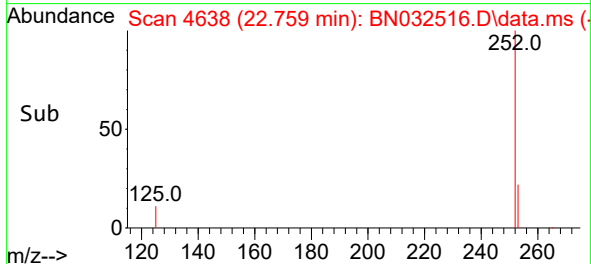
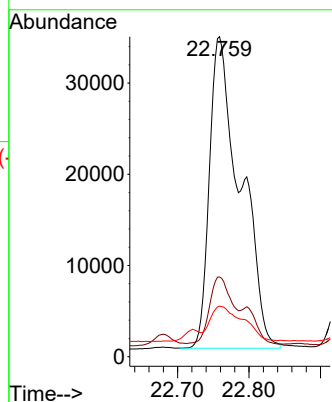
Tgt Ion:252 Resp: 102571

Ion Ratio Lower Upper

252 100

253 24.9 0.0 50.2

125 15.8 0.0 32.0



#26

Benzo(a)pyrene

Concen: 0.558 ng/ul

RT: 23.323 min Scan# 4831

Delta R.T. -0.004 min

Lab File: BN032516.D

Acq: 05 Jul 2024 20:06

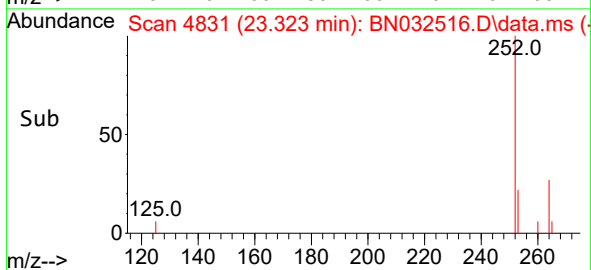
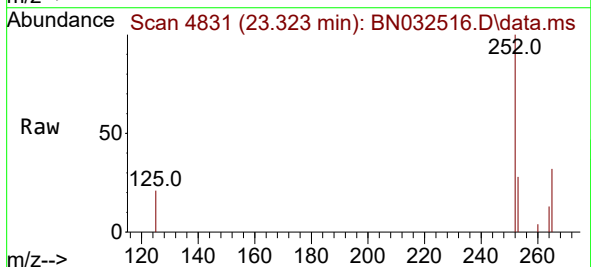
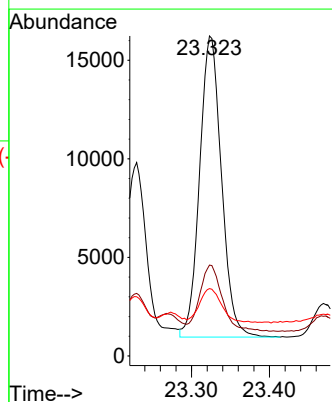
Tgt Ion:252 Resp: 29694

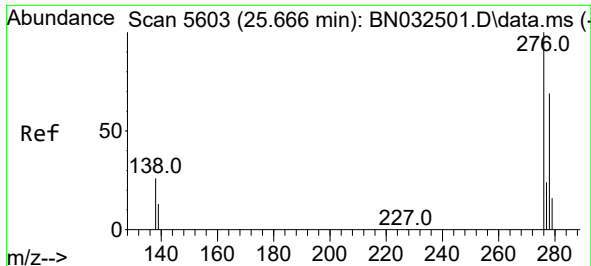
Ion Ratio Lower Upper

252 100

253 28.4 22.2 33.2

125 21.0 16.4 24.6





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.344 ng/ul

RT: 25.658 min Scan# 5601

Delta R.T. -0.001 min

Lab File: BN032516.D

Acq: 05 Jul 2024 20:06

Instrument :

BNA_N

ClientSampleId :

A4CR0DL

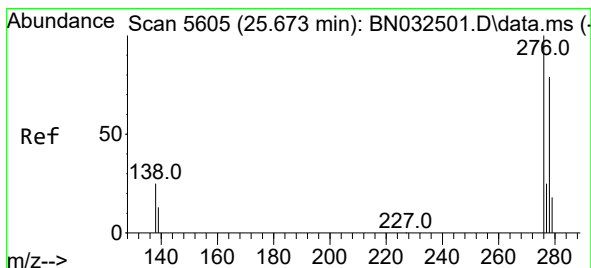
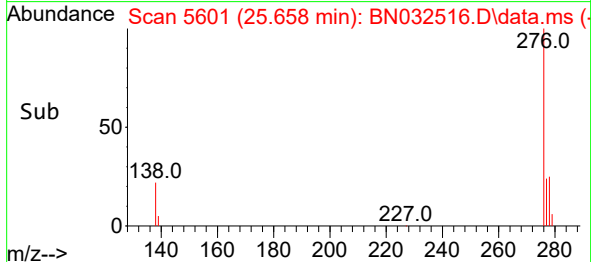
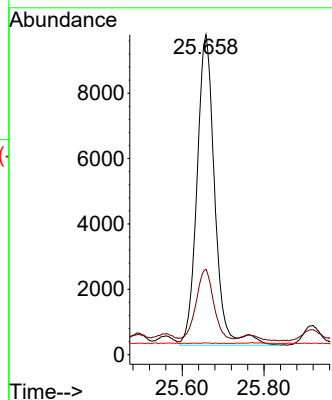
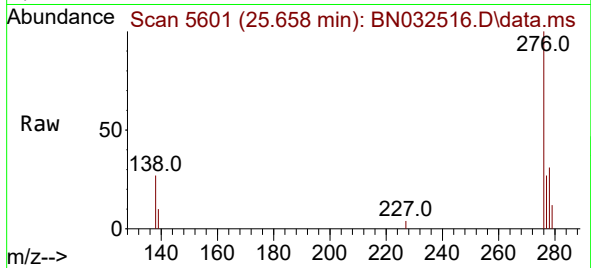
Tgt Ion:276 Resp: 28628

Ion Ratio Lower Upper

276 100

138 21.9 21.3 31.9

227 0.1 0.1 0.1



#28

Dibenzo(a,h)anthracene

Concen: 0.149 ng/ul

RT: 25.658 min Scan# 5601

Delta R.T. -0.008 min

Lab File: BN032516.D

Acq: 05 Jul 2024 20:06

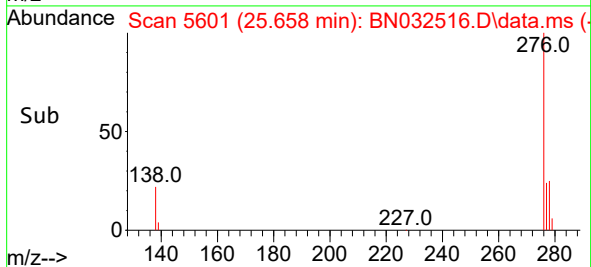
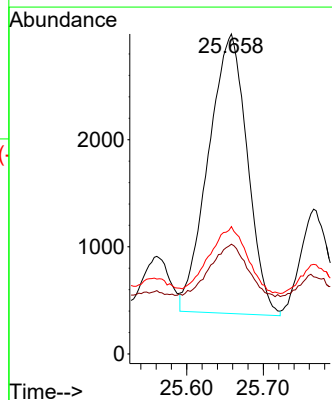
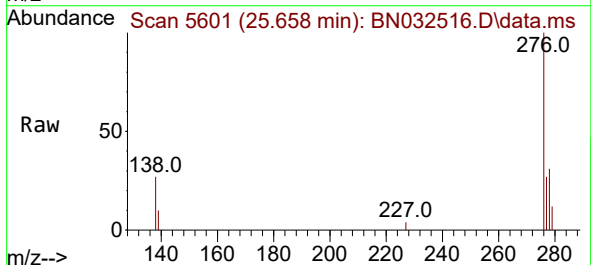
Tgt Ion:278 Resp: 9207

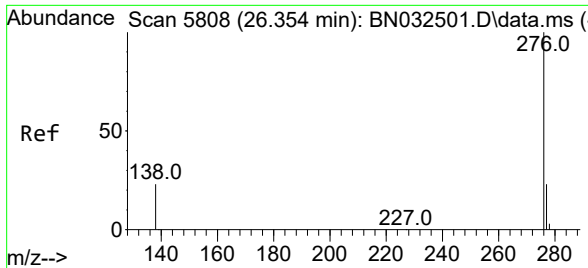
Ion Ratio Lower Upper

278 100

139 34.3 15.9 23.9#

279 39.8 21.1 31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 26.349 min Scan# 51
Delta R.T. 0.005 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

Instrument :
BNA_N
ClientSampleId :
A4CR0DL

Tgt Ion:276 Resp: 4006
Ion Ratio Lower Upper
276 100
138 50.1 19.8 29.6#
277 45.0 19.8 29.6#

