

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032754.D
 Acq On : 16 Jul 2024 23:07
 Operator : MA/JU
 Sample : P3177-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BY1

Quant Time: Jul 16 23:55:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

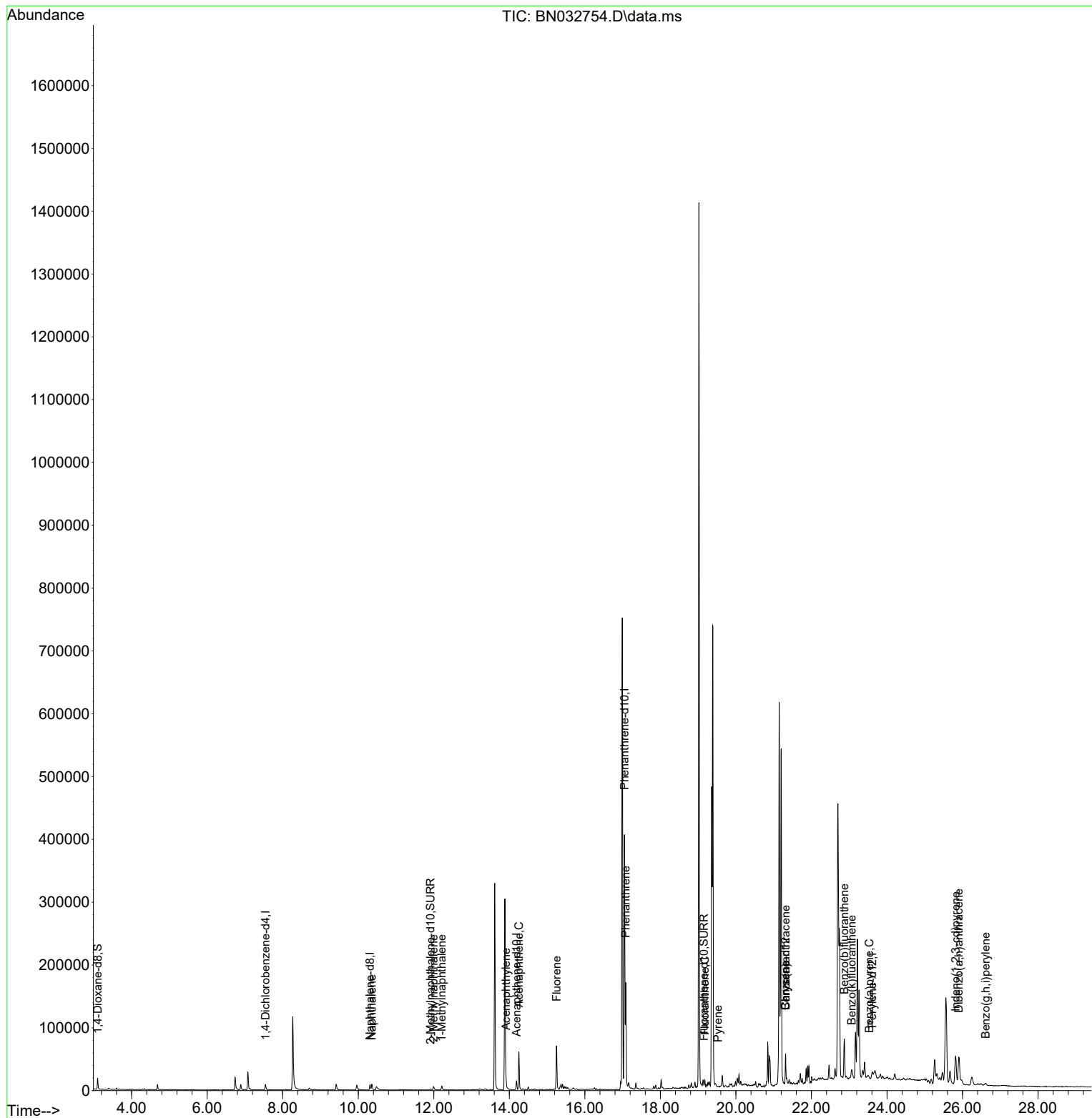
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5186	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.310	136	13036	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.193	164	8007	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.050	188	472628	0.400	ng/ul	0.06
17) Chrysene-d12	21.314	240	418	0.400	ng/ul	# 0.12
23) Perylene-d12	23.608	264	5572	0.400	ng/ul	# 0.21
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	12147	1.951	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	2896	0.147	ng/ul	-0.06
18) Fluoranthene-d10	19.152	212	120	0.088	ng/ul	0.13
Target Compounds						Qvalue
5) Naphthalene	10.360	128	12509	0.357	ng/ul	99
7) 2-Methylnaphthalene	11.993	142	5620	0.257	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	4938	0.219	ng/ul	100
10) Acenaphthylene	13.911	152	15572	0.481	ng/ul	98
11) Acenaphthene	14.253	153	37027	1.384	ng/ul	99
12) Fluorene	15.252	166	49336	1.613	ng/ul	98
15) Phenanthrene	17.083	178	174184	0.135	ng/ul	98
19) Fluoranthene	19.175	202	8050	4.737	ng/ul#	95
20) Pyrene	19.524	202	1064	0.605	ng/ul#	57
21) Benzo(a)anthracene	21.316	228	38949	29.273	ng/ul#	54
22) Chrysene	21.316	228	39942	20.751	ng/ul#	56
24) Benzo(b)fluoranthene	22.868	252	80379	4.088	ng/ul	88
25) Benzo(k)fluoranthene	23.064	252	13376	0.558	ng/ul#	1
26) Benzo(a)pyrene	23.532	252	979	0.058	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.817	276	17784	0.772	ng/ul#	44
28) Dibenzo(a,h)anthracene	25.904	278	75431	4.224	ng/ul	96
29) Benzo(g,h,i)perylene	26.612	276	5808	0.302	ng/ul#	3

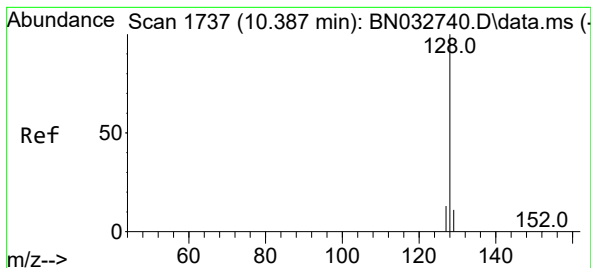
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 23:55:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.357 ng/ul

RT: 10.360 min Scan# 11

Delta R.T. -0.050 min

Lab File: BN032754.D

Acq: 16 Jul 2024 23:07

Instrument :

BNA_N

ClientSampleId :

A4BY1

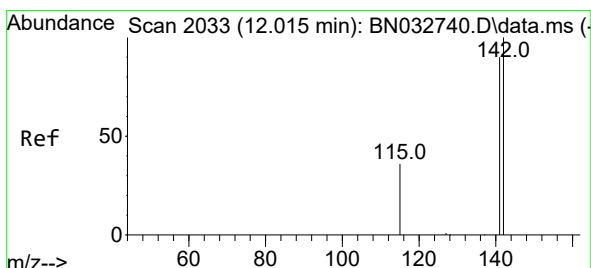
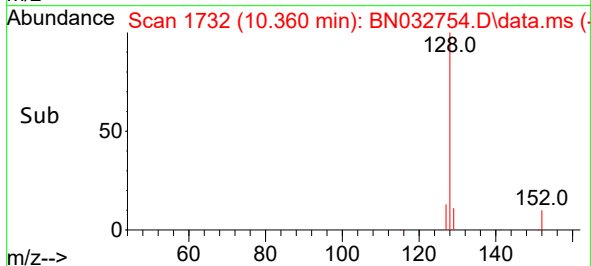
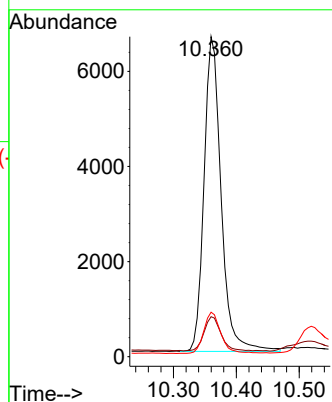
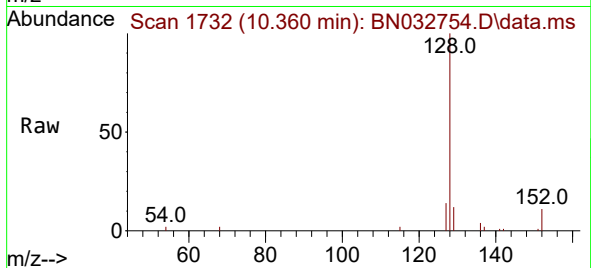
Tgt Ion:128 Resp: 12509

Ion Ratio Lower Upper

128 100

129 12.5 10.0 15.0

127 13.9 11.6 17.4



#7

2-Methylnaphthalene

Concen: 0.257 ng/ul

RT: 11.993 min Scan# 2029

Delta R.T. -0.055 min

Lab File: BN032754.D

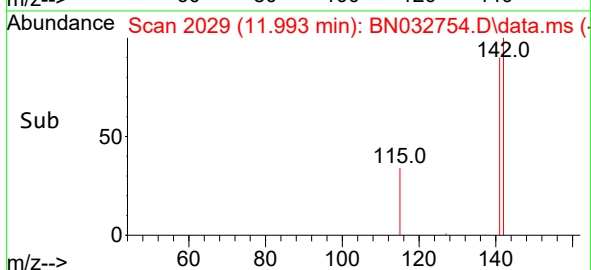
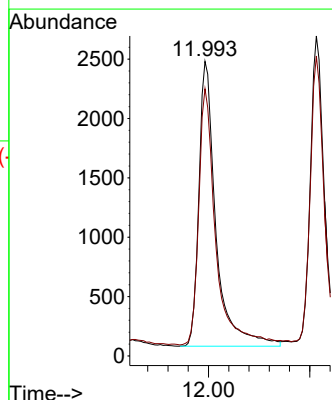
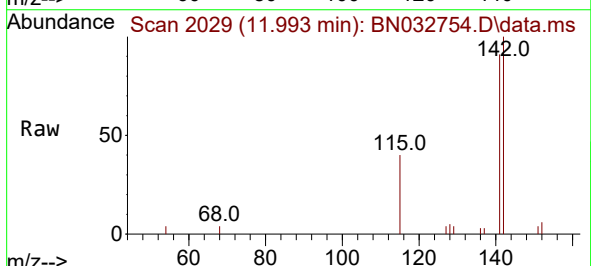
Acq: 16 Jul 2024 23:07

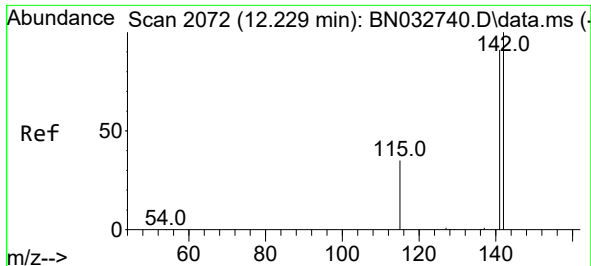
Tgt Ion:142 Resp: 5620

Ion Ratio Lower Upper

142 100

141 89.6 74.0 111.0

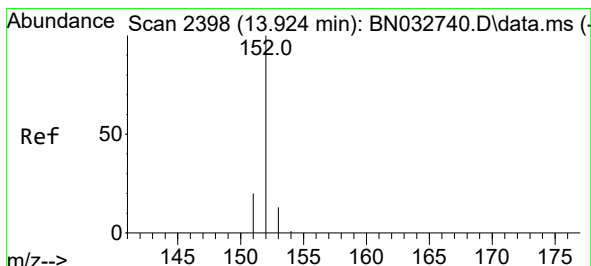
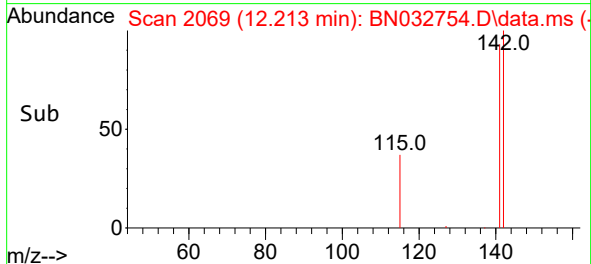
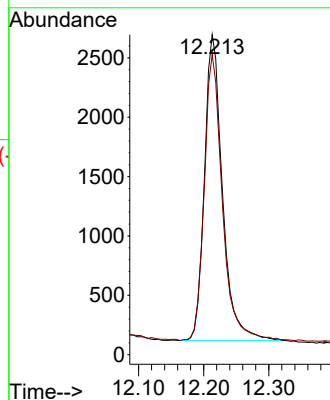
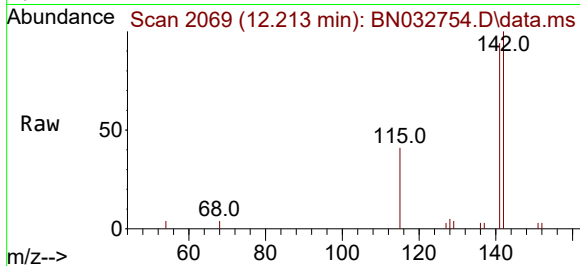




#8
1-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.033 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

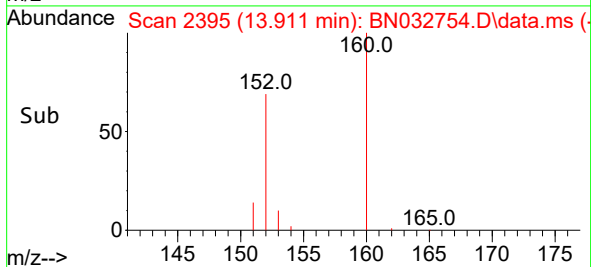
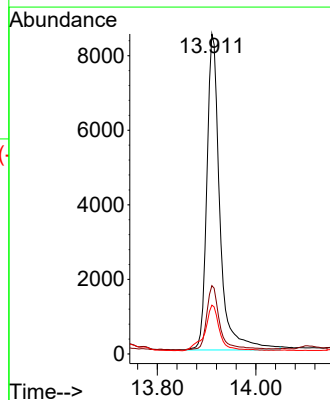
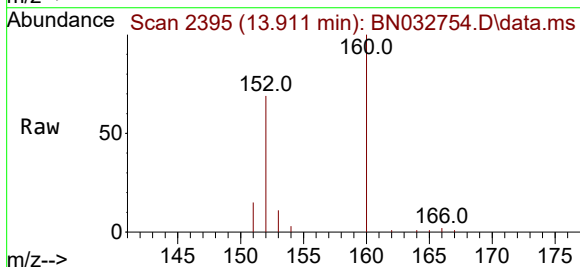
Instrument :
BNA_N
ClientSampleId :
A4BY1

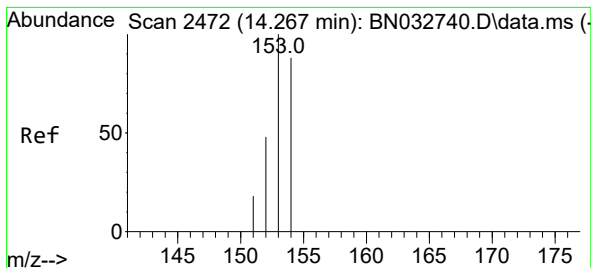
Tgt Ion:142 Resp: 4938
Ion Ratio Lower Upper
142 100
141 94.2 75.0 112.4



#10
Acenaphthylene
Concen: 0.481 ng/ul
RT: 13.911 min Scan# 2395
Delta R.T. -0.033 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

Tgt Ion:152 Resp: 15572
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 15.3 11.3 16.9





#11

Acenaphthene

Concen: 1.384 ng/ul

RT: 14.253 min Scan# 2469

Delta R.T. -0.028 min

Lab File: BN032754.D

Acq: 16 Jul 2024 23:07

Instrument :

BNA_N

ClientSampleId :

A4BY1

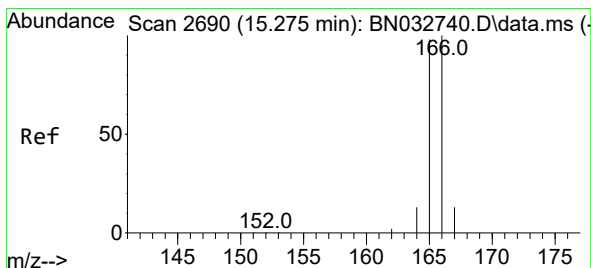
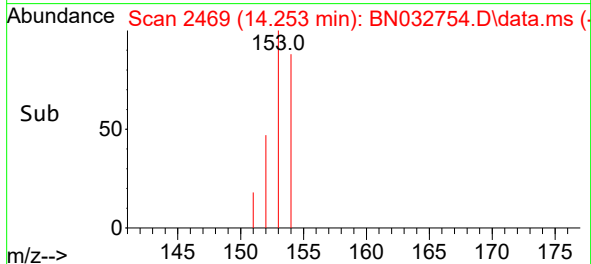
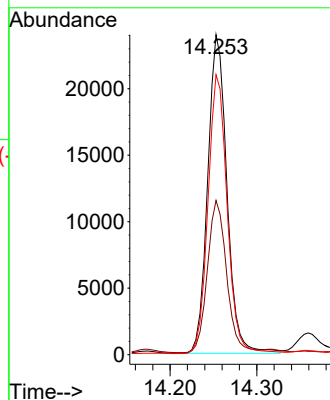
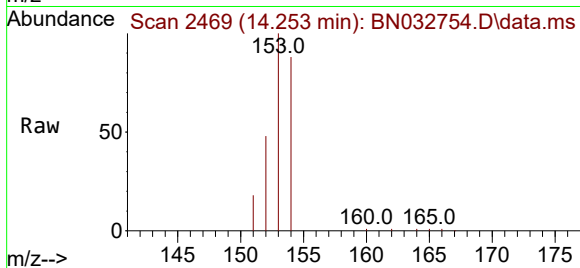
Tgt Ion:153 Resp: 37027

Ion Ratio Lower Upper

153 100

152 48.2 40.0 60.0

154 87.5 70.2 105.4



#12

Fluorene

Concen: 1.613 ng/ul

RT: 15.252 min Scan# 2685

Delta R.T. -0.037 min

Lab File: BN032754.D

Acq: 16 Jul 2024 23:07

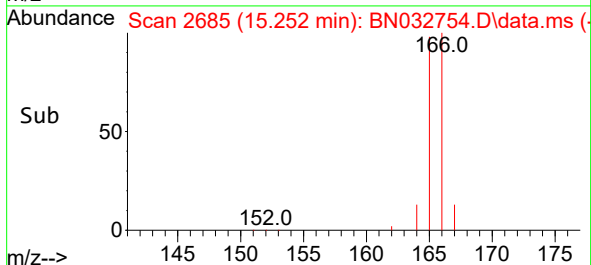
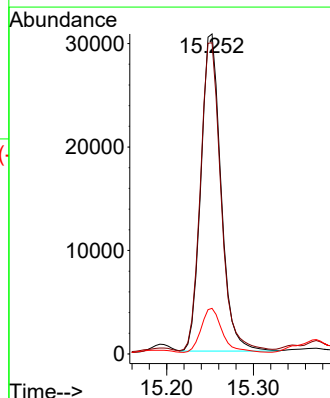
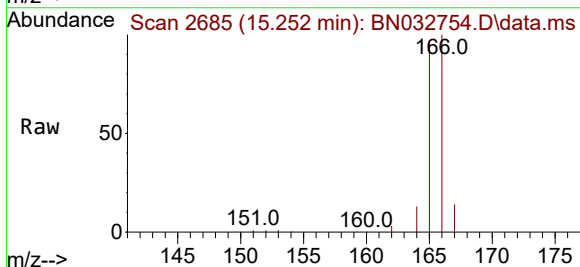
Tgt Ion:166 Resp: 49336

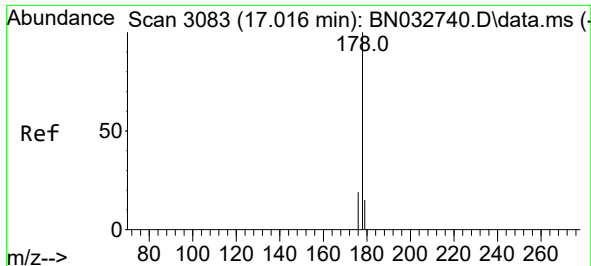
Ion Ratio Lower Upper

166 100

165 97.3 79.7 119.5

167 14.2 11.4 17.2

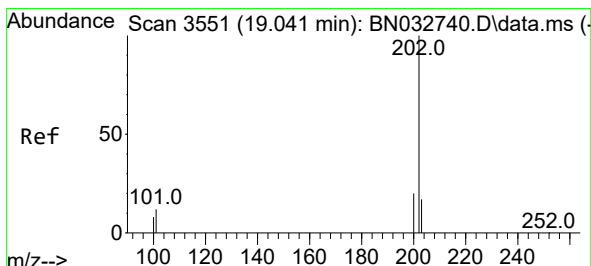
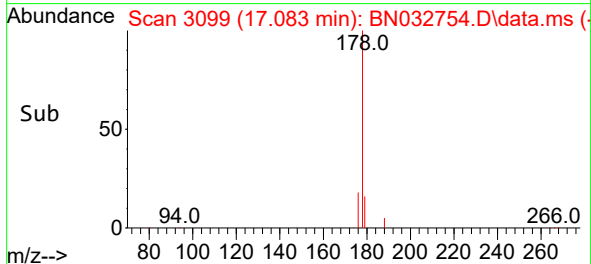
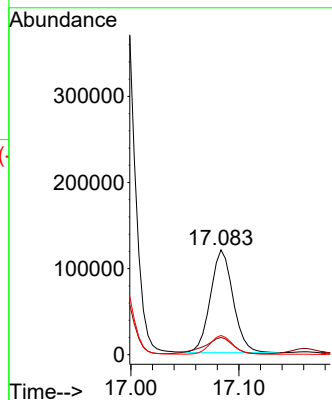
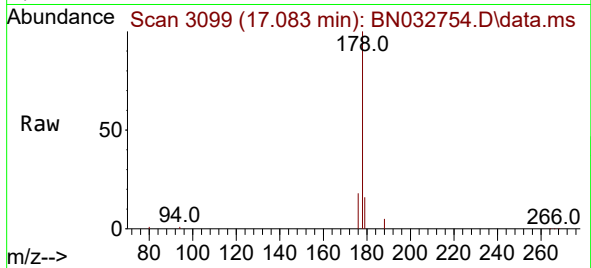




#15
Phenanthrene
Concen: 0.135 ng/ul
RT: 17.083 min Scan# 3083
Delta R.T. 0.055 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

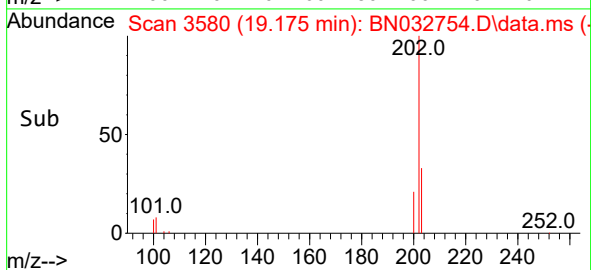
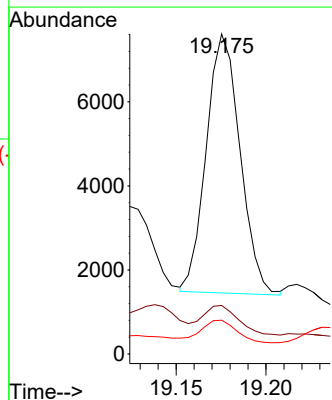
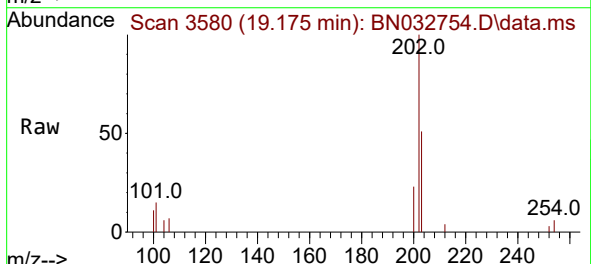
Instrument :
BNA_N
ClientSampleId :
A4BY1

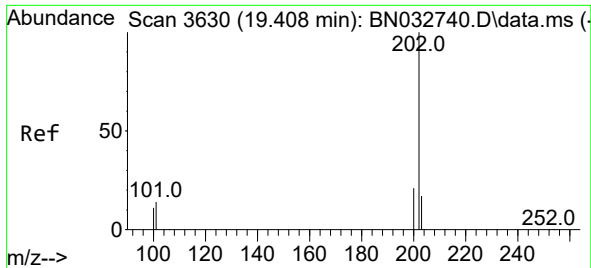
Tgt Ion:178 Resp: 174184
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 18.4 15.6 23.4



#19
Fluoranthene
Concen: 4.737 ng/ul
RT: 19.175 min Scan# 3580
Delta R.T. 0.121 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

Tgt Ion:202 Resp: 8050
Ion Ratio Lower Upper
202 100
101 15.2 9.8 14.8#
100 10.6 7.9 11.9

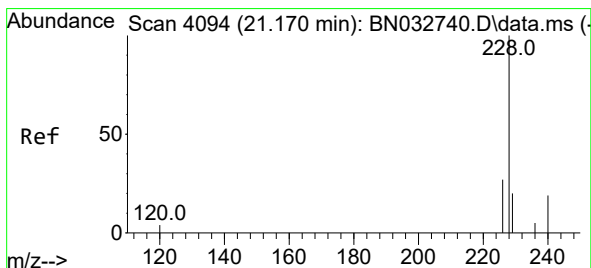
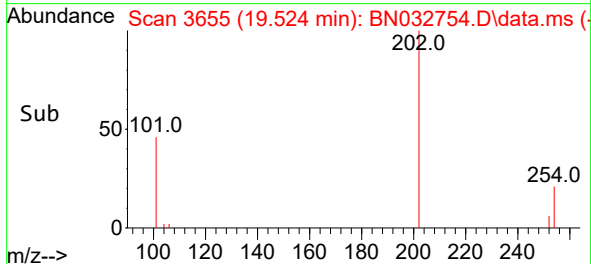
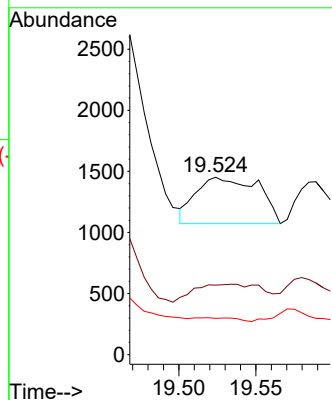
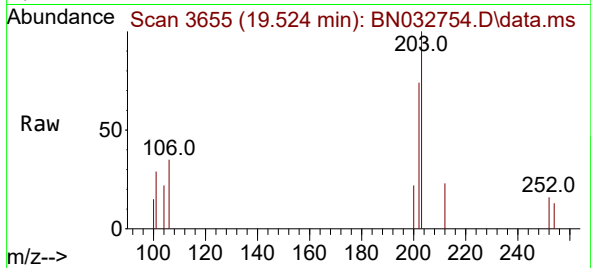




#20
Pyrene
Concen: 0.605 ng/ul
RT: 19.524 min Scan# 30
Delta R.T. 0.102 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

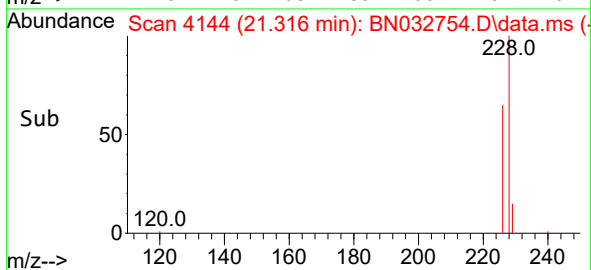
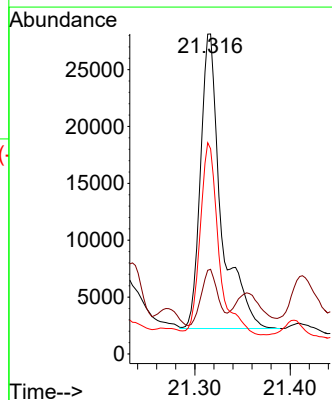
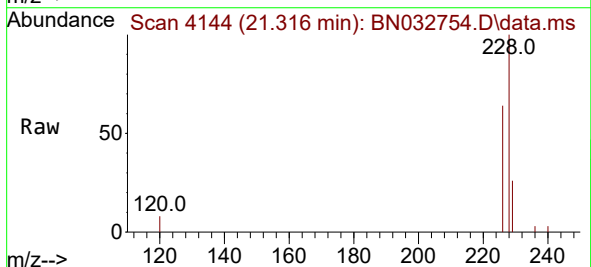
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BNA_N
ClientSampleId :
A4BY1

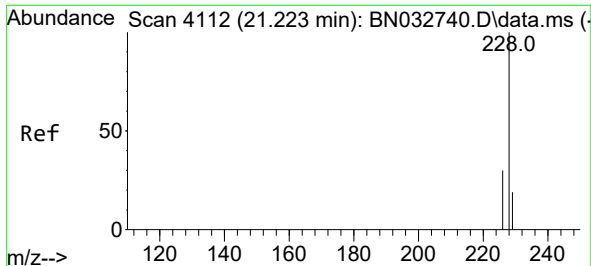
Tgt Ion:202 Resp: 1064
Ion Ratio Lower Upper
202 100
101 39.3 11.8 17.6#
100 20.5 9.6 14.4#



#21
Benzo(a)anthracene
Concen: 29.273 ng/ul
RT: 21.316 min Scan# 4144
Delta R.T. 0.134 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

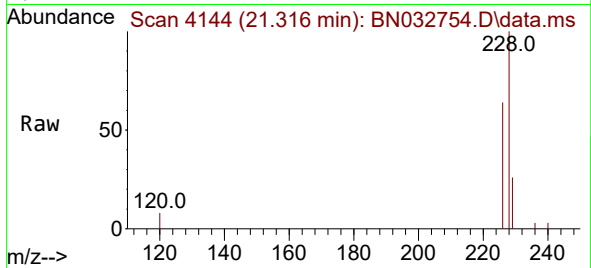
Tgt Ion:228 Resp: 38949
Ion Ratio Lower Upper
228 100
229 26.5 16.1 24.1#
226 64.1 21.9 32.9#



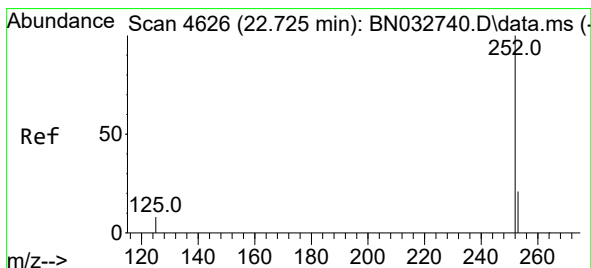
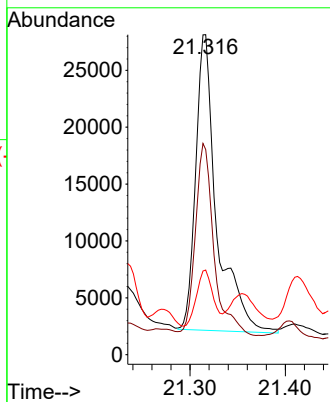
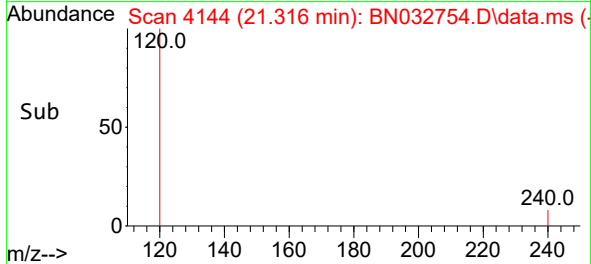


#22
Chrysene
Concen: 20.751 ng/ul
RT: 21.316 min Scan# 4112
Delta R.T. 0.085 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

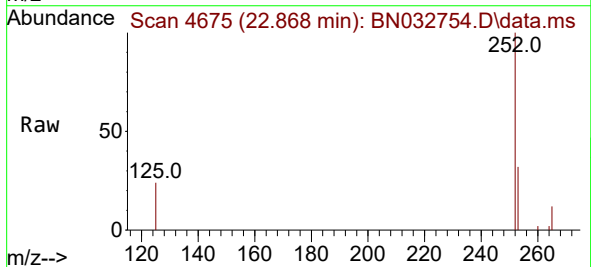
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BNA_N
ClientSampleId :
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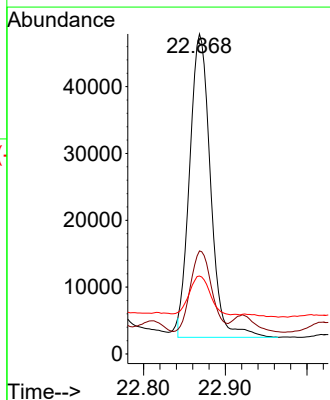
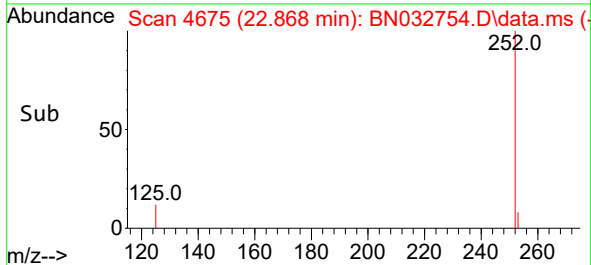
Tgt Ion:228 Resp: 39942
Ion Ratio Lower Upper
228 100
226 64.1 24.0 36.0#
229 26.5 15.8 23.6#

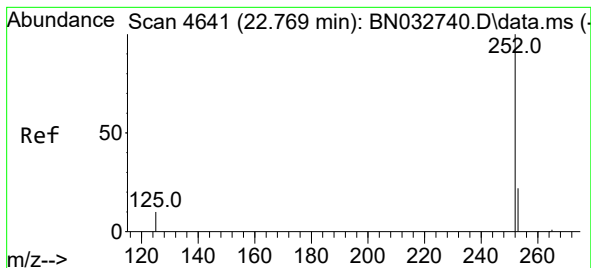


#24
Benzo(b)fluoranthene
Concen: 4.088 ng/ul
RT: 22.868 min Scan# 4675
Delta R.T. 0.134 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07



Tgt Ion:252 Resp: 80379
Ion Ratio Lower Upper
252 100
253 32.2 0.0 54.0
125 24.4 0.0 36.0





#25

Benzo(k)fluoranthene

Concen: 0.558 ng/ul

RT: 23.064 min Scan# 41

Delta R.T. 0.286 min

Lab File: BN032754.D

Acq: 16 Jul 2024 23:07

Instrument :

BNA_N

ClientSampleId :

A4BY1

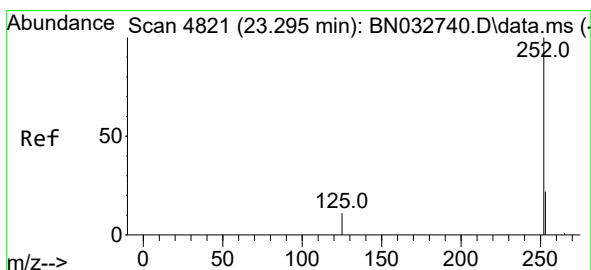
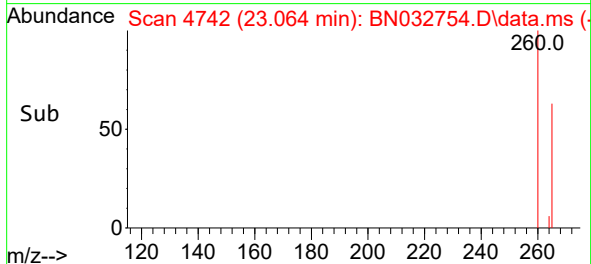
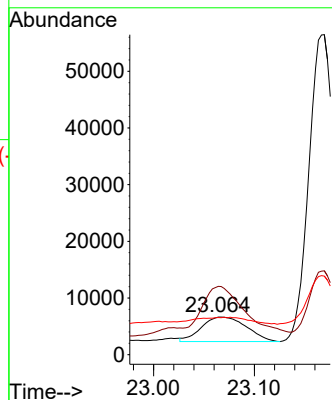
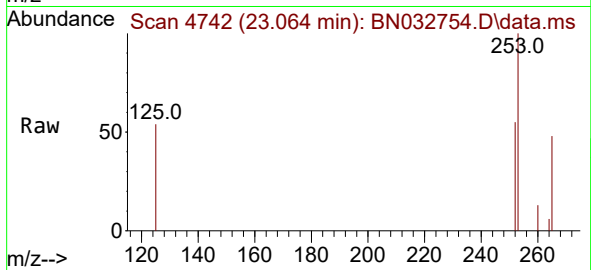
Tgt Ion:252 Resp: 13376

Ion Ratio Lower Upper

252 100

253 181.5 21.2 31.8#

125 98.7 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 0.058 ng/ul

RT: 23.532 min Scan# 4902

Delta R.T. 0.222 min

Lab File: BN032754.D

Acq: 16 Jul 2024 23:07

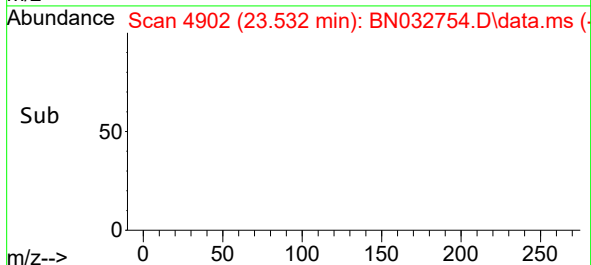
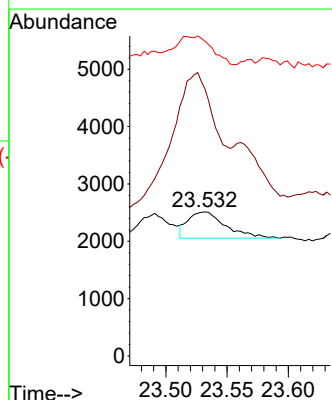
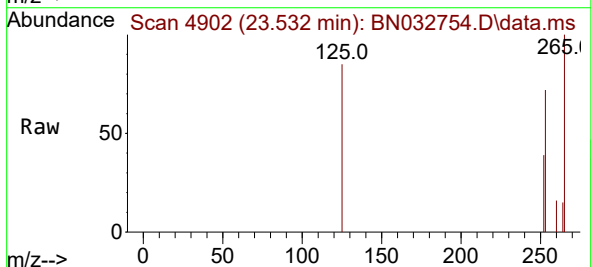
Tgt Ion:252 Resp: 979

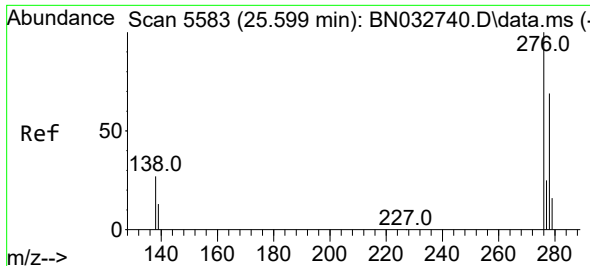
Ion Ratio Lower Upper

252 100

253 185.4 25.4 38.0#

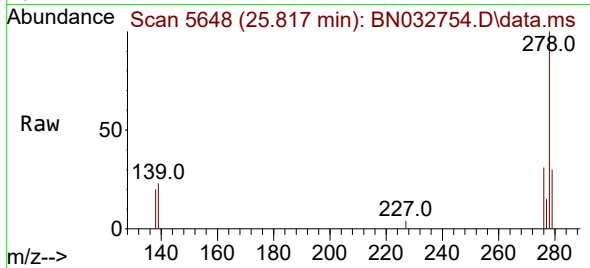
125 218.5 20.6 30.8#



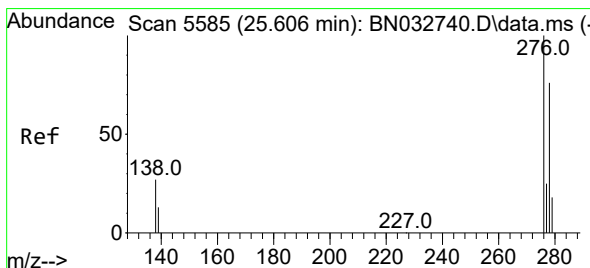
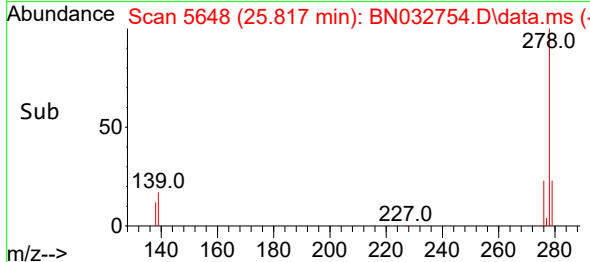
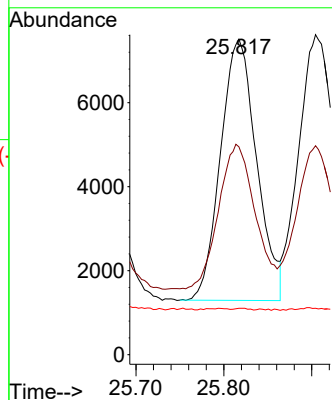


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.772 ng/ul
RT: 25.817 min Scan# 5648
Delta R.T. 0.191 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

Instrument :
BNA_N
ClientSampleId :
A4BY1

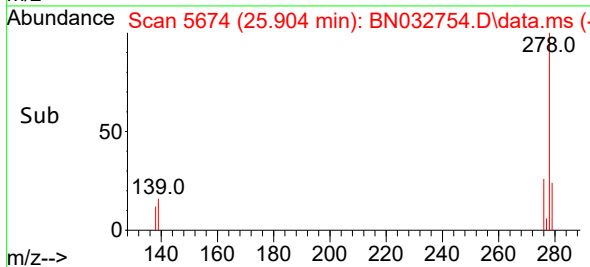
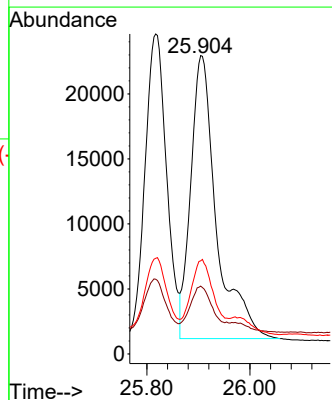
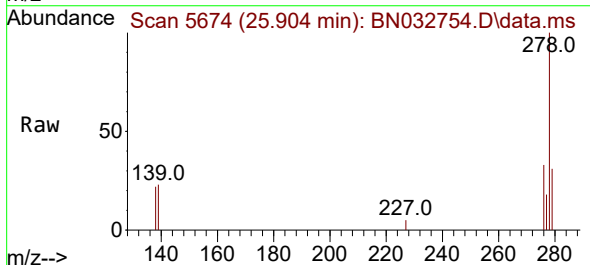


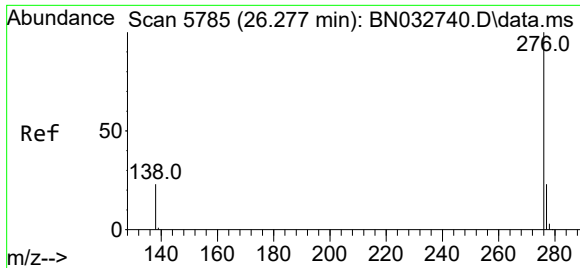
Tgt Ion:276 Resp: 17784
Ion Ratio Lower Upper
276 100
138 55.8 21.6 32.4#
227 0.2 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 4.224 ng/ul
RT: 25.904 min Scan# 5674
Delta R.T. 0.265 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

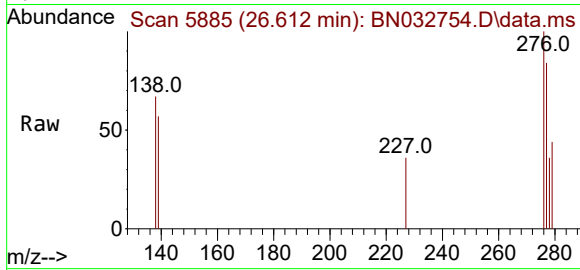
Tgt Ion:278 Resp: 75431
Ion Ratio Lower Upper
278 100
139 22.7 16.6 24.8
279 31.2 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.302 ng/ul
 RT: 26.612 min Scan# 51
 Delta R.T. 0.312 min
 Lab File: BN032754.D
 Acq: 16 Jul 2024 23:07

Instrument :
 BNA_N
 ClientSampleId :
 A4BY1



Tgt Ion:	276	Resp:	5808
Ion Ratio	Lower	Upper	
276	100		
138	66.8	21.0	31.4#
277	84.4	20.6	31.0#

