

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032712.D
 Acq On : 13 Jul 2024 16:20
 Operator : MA/JU
 Sample : P3087-12DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BC6DL

Quant Time: Jul 15 08:57:57 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)

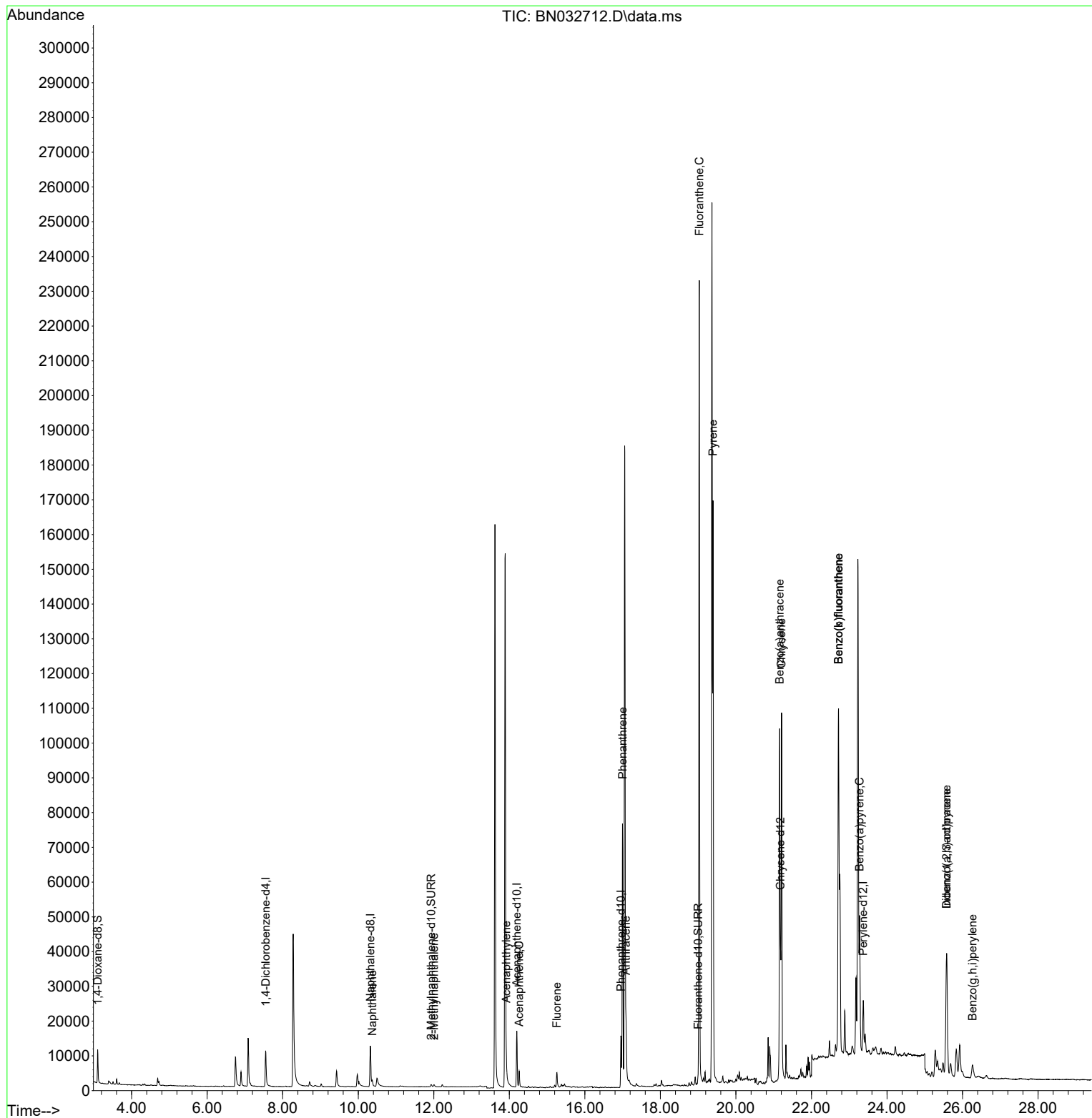
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	6562	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.320	136	18650	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.196	164	9470	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.955	188	17920	0.400	ng/ul	-0.04
17) Chrysene-d12	21.175	240	16876	0.400	ng/ul	-0.02
23) Perylene-d12	23.370	264	20737	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	6352	0.806	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	1474	0.052	ng/ul	-0.04
18) Fluoranthene-d10	18.997	212	2973	0.054	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	2299	0.046	ng/ul#	87
7) 2-Methylnaphthalene	12.008	142	764	0.024	ng/ul	96
10) Acenaphthylene	13.919	152	5275	0.138	ng/ul	96
11) Acenaphthene	14.261	153	2903	0.092	ng/ul	99
12) Fluorene	15.260	166	3330	0.092	ng/ul#	97
15) Phenanthrene	16.998	178	82769	1.696	ng/ul	99
16) Anthracene	17.091	178	15132	0.380	ng/ul	97
19) Fluoranthene	19.030	202	211307	3.080	ng/ul	97
20) Pyrene	19.392	202	144416	2.033	ng/ul	100
21) Benzo(a)anthracene	21.157	228	90686	1.688	ng/ul	99
22) Chrysene	21.207	228	111948	1.441	ng/ul	98
24) Benzo(b)fluoranthene	22.715	252	216824	2.963	ng/ul	93
25) Benzo(k)fluoranthene	22.715	252	175327	1.966	ng/ul#	93
26) Benzo(a)pyrene	23.273	252	51307	0.810	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.578	276	53603	0.625	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.578	278	18611	0.280	ng/ul#	81
29) Benzo(g,h,i)perylene	26.262	276	7492	0.105	ng/ul#	69

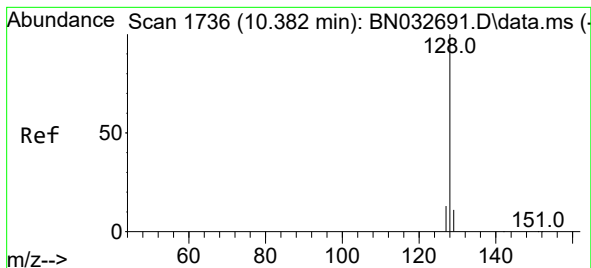
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.046 ng/ul

RT: 10.369 min Scan# 1734

Delta R.T. -0.040 min

Lab File: BN032712.D

Acq: 13 Jul 2024 16:20

Instrument :

BNA_N

ClientSampleId :

A4BC6DL

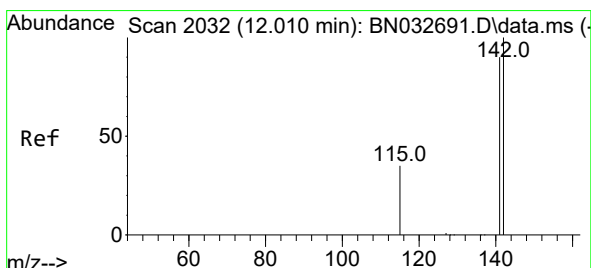
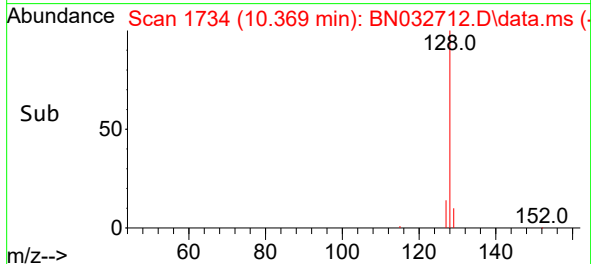
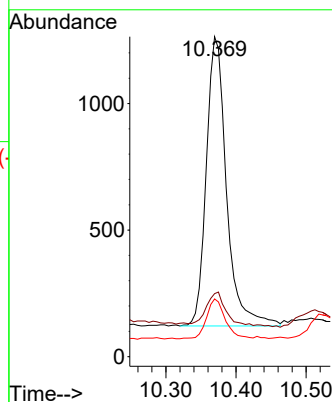
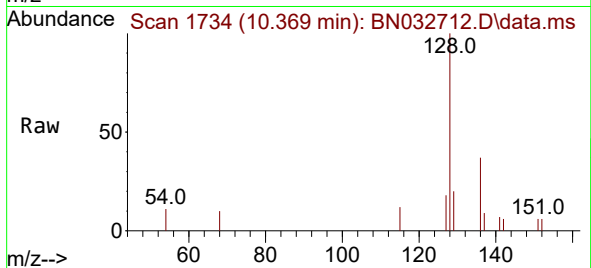
Tgt Ion:128 Resp: 2299

Ion Ratio Lower Upper

128 100

129 19.7 10.0 15.0#

127 18.0 11.6 17.4#



#7

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.008 min Scan# 2032

Delta R.T. -0.040 min

Lab File: BN032712.D

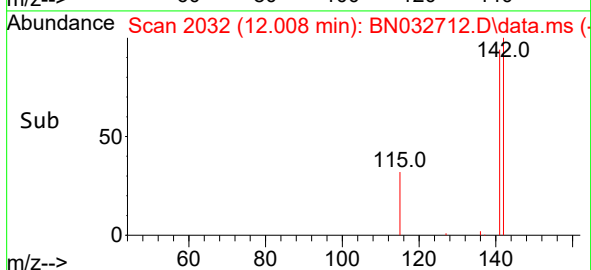
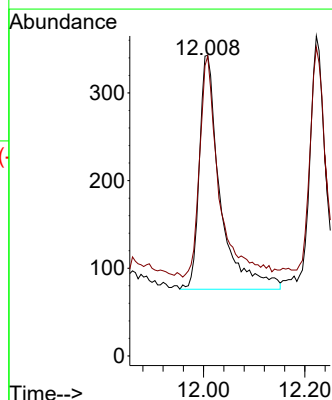
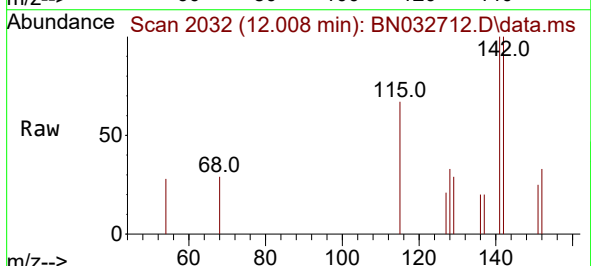
Acq: 13 Jul 2024 16:20

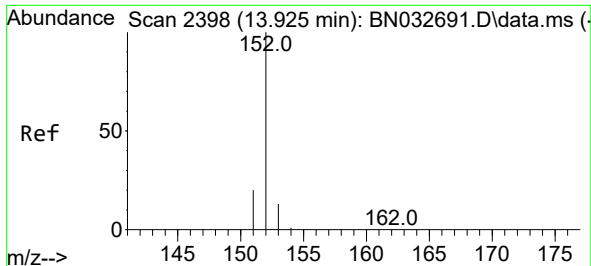
Tgt Ion:142 Resp: 764

Ion Ratio Lower Upper

142 100

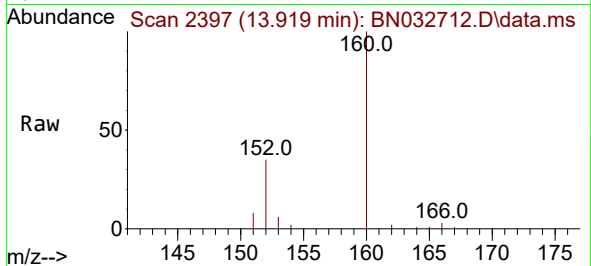
141 88.7 74.0 111.0



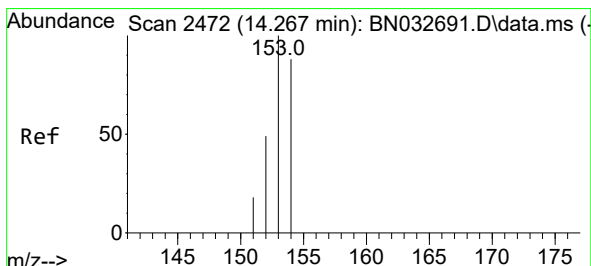
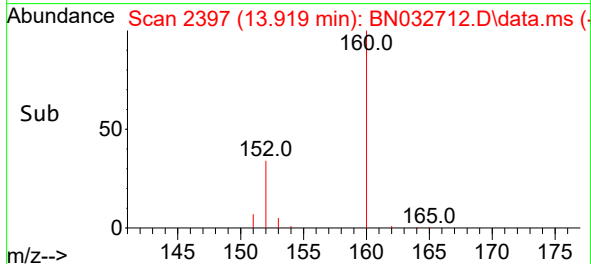
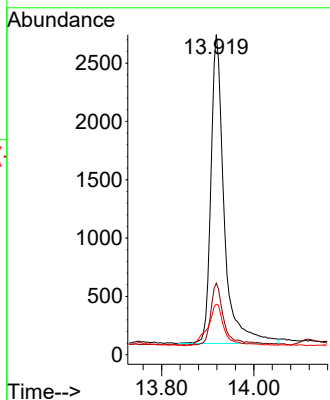


#10
Acenaphthylene
Concen: 0.138 ng/ul
RT: 13.919 min Scan# 21
Delta R.T. -0.025 min
Lab File: BN032712.D
Acq: 13 Jul 2024 16:20

Instrument :
BNA_N
ClientSampleId :
A4BC6DL

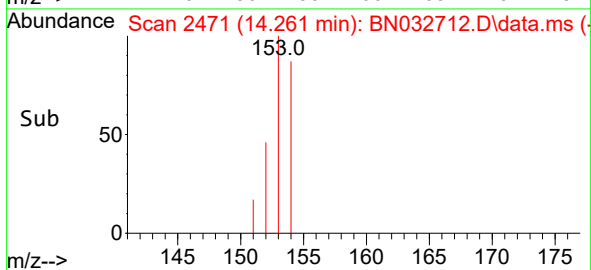
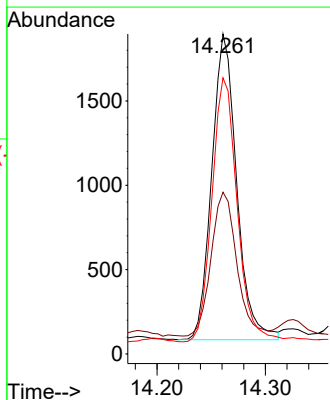
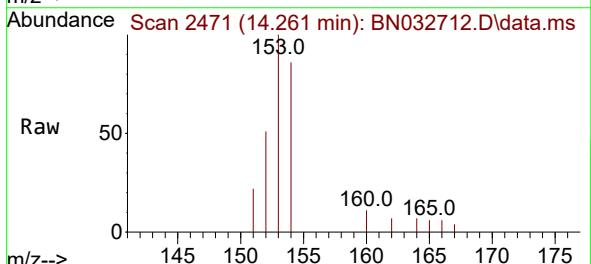


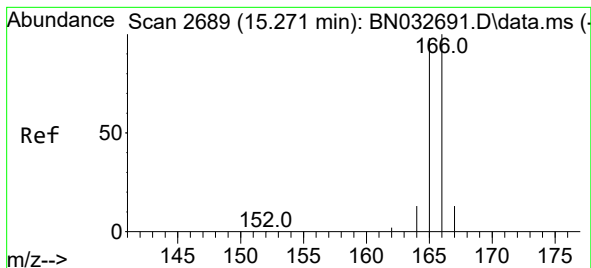
Tgt Ion:152 Resp: 5275
Ion Ratio Lower Upper
152 100
151 22.4 16.3 24.5
153 15.8 11.3 16.9



#11
Acenaphthene
Concen: 0.092 ng/ul
RT: 14.261 min Scan# 2471
Delta R.T. -0.020 min
Lab File: BN032712.D
Acq: 13 Jul 2024 16:20

Tgt Ion:153 Resp: 2903
Ion Ratio Lower Upper
153 100
152 50.6 40.0 60.0
154 86.3 70.2 105.4





#12

Fluorene

Concen: 0.092 ng/ul

RT: 15.260 min Scan# 2

Delta R.T. -0.029 min

Lab File: BN032712.D

Acq: 13 Jul 2024 16:20

Instrument :

BNA_N

ClientSampleId :

A4BC6DL

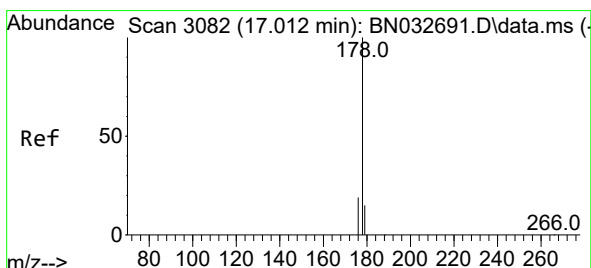
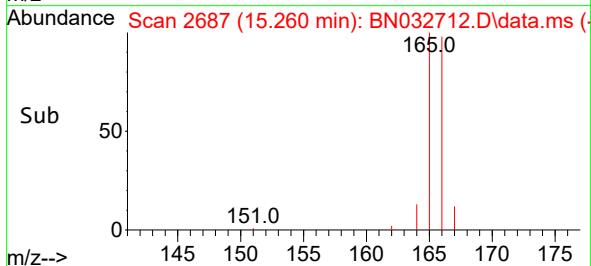
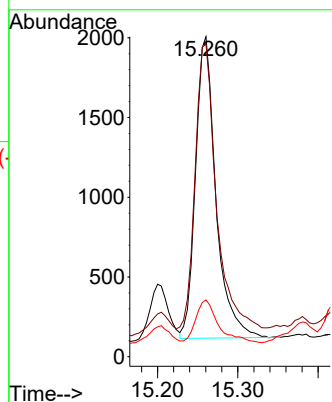
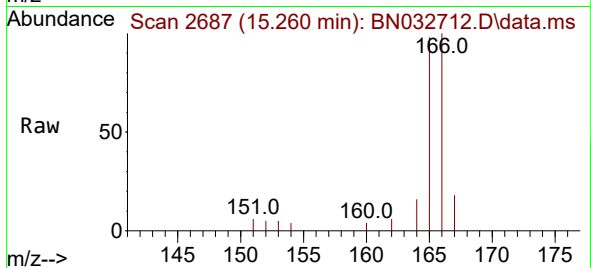
Tgt Ion:166 Resp: 3330

Ion Ratio Lower Upper

166 100

165 97.7 79.7 119.5

167 17.7 11.4 17.2#



#15

Phenanthrene

Concen: 1.696 ng/ul

RT: 16.998 min Scan# 3079

Delta R.T. -0.031 min

Lab File: BN032712.D

Acq: 13 Jul 2024 16:20

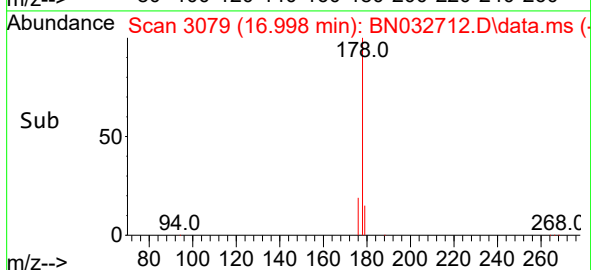
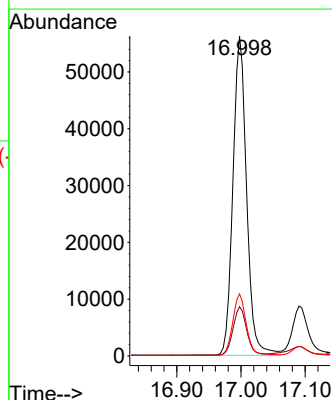
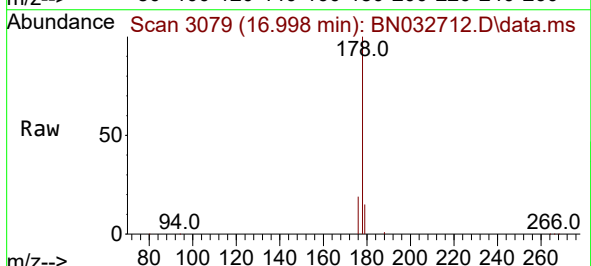
Tgt Ion:178 Resp: 82769

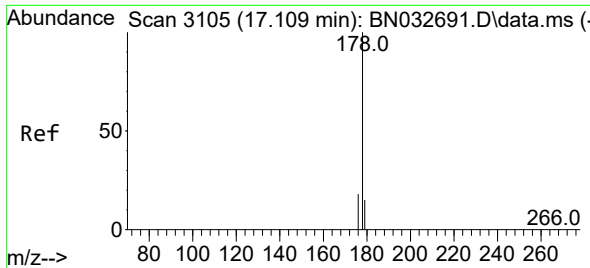
Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.4

176 19.4 15.6 23.4

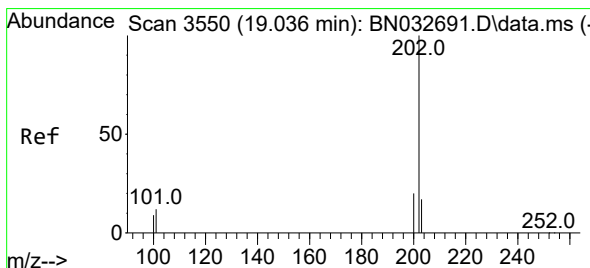
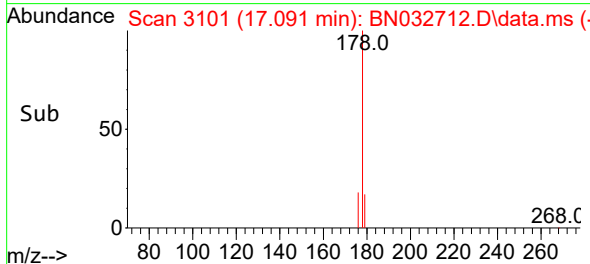
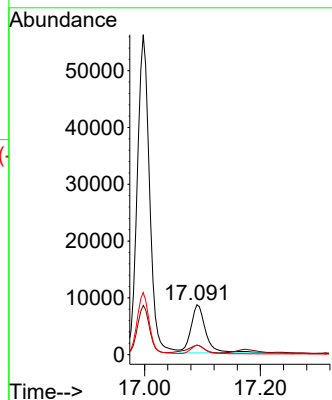
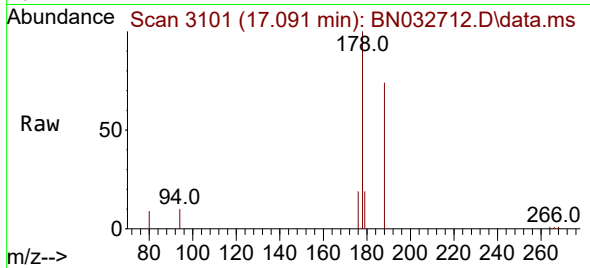




#16
 Anthracene
 Concen: 0.380 ng/ul
 RT: 17.091 min Scan# 3105
 Delta R.T. -0.048 min
 Lab File: BN032712.D
 Acq: 13 Jul 2024 16:20

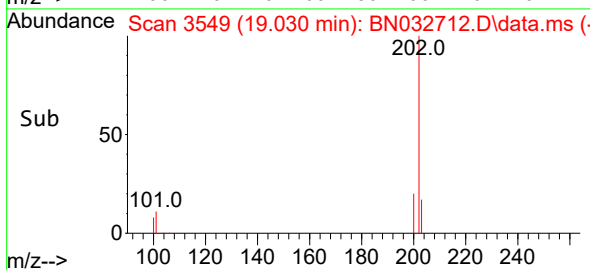
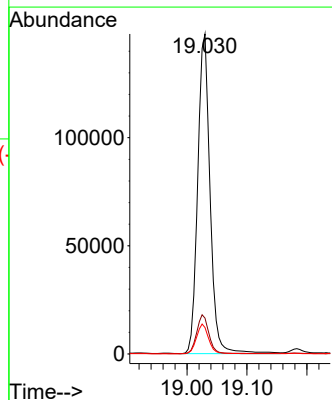
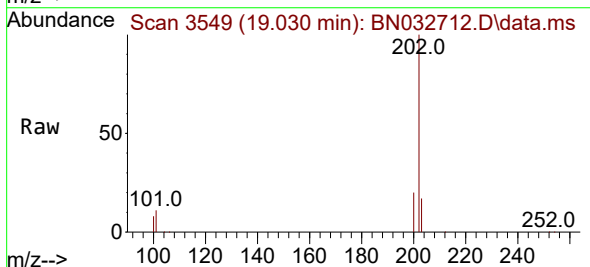
Instrument :
 BNA_N
 ClientSampleId :
 A4BC6DL

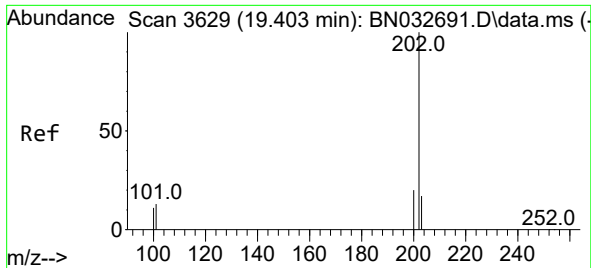
Tgt Ion:178 Resp: 15132
 Ion Ratio Lower Upper
 178 100
 179 19.0 13.4 20.2
 176 19.3 15.4 23.0



#19
 Fluoranthene
 Concen: 3.080 ng/ul
 RT: 19.030 min Scan# 3549
 Delta R.T. -0.025 min
 Lab File: BN032712.D
 Acq: 13 Jul 2024 16:20

Tgt Ion:202 Resp: 211307
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.8 14.8
 100 8.3 7.9 11.9

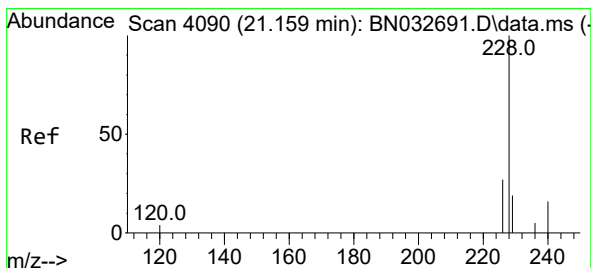
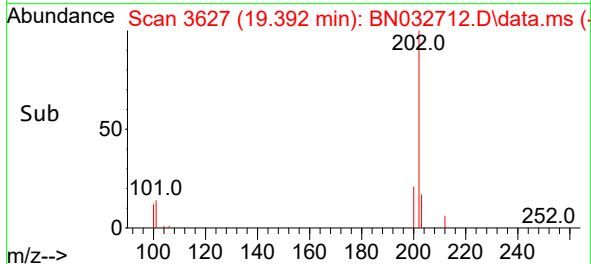
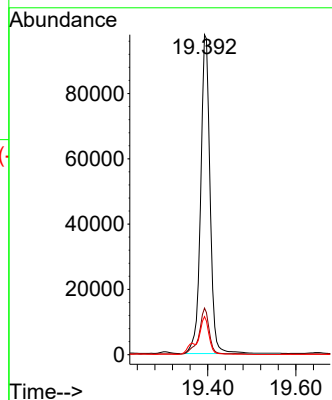
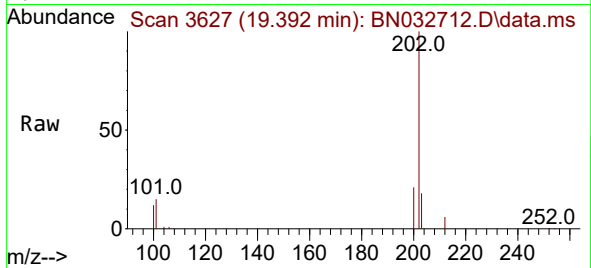




#20
Pyrene
Concen: 2.033 ng/ul
RT: 19.392 min Scan# 3627
Delta R.T. -0.029 min
Lab File: BN032712.D
Acq: 13 Jul 2024 16:20

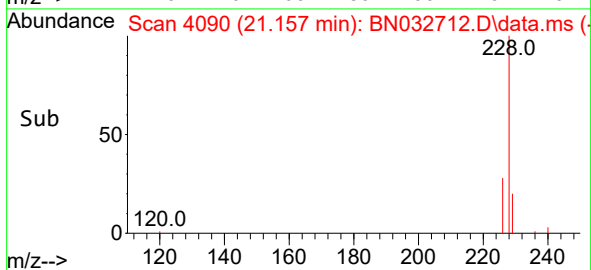
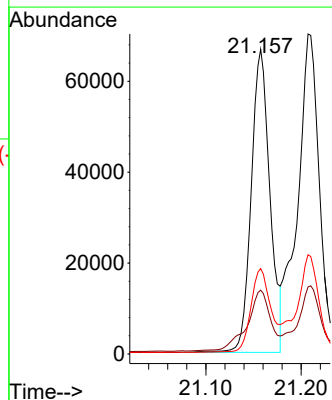
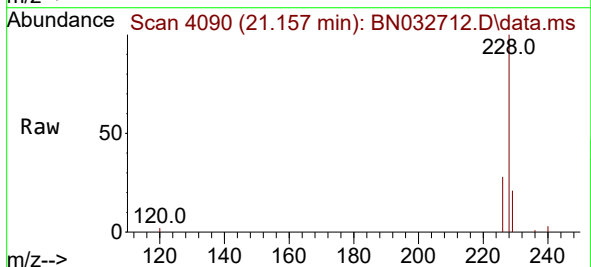
Instrument :
BNA_N
ClientSampleId :
A4BC6DL

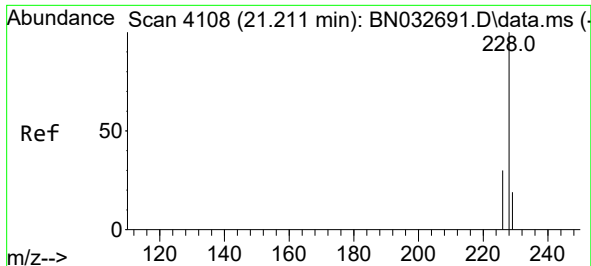
Tgt Ion:202 Resp: 144416
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 11.9 9.6 14.4



#21
Benzo(a)anthracene
Concen: 1.688 ng/ul
RT: 21.157 min Scan# 4090
Delta R.T. -0.025 min
Lab File: BN032712.D
Acq: 13 Jul 2024 16:20

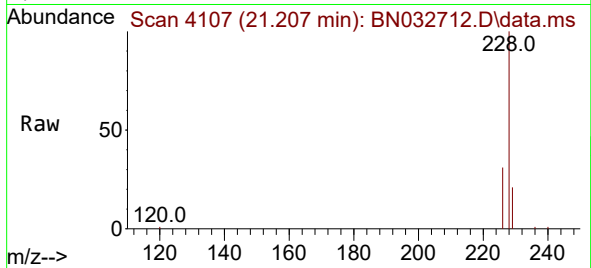
Tgt Ion:228 Resp: 90686
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 28.0 21.9 32.9



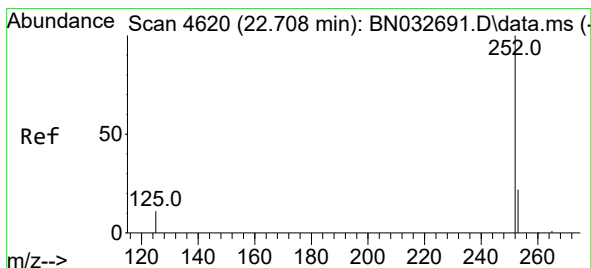
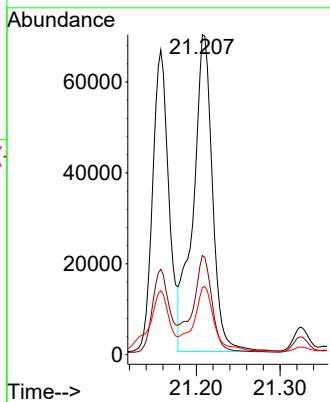
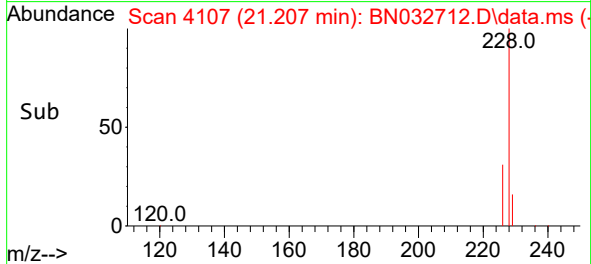


#22
Chrysene
Concen: 1.441 ng/ul
RT: 21.207 min Scan# 4107
Delta R.T. -0.025 min
Lab File: BN032712.D
Acq: 13 Jul 2024 16:20

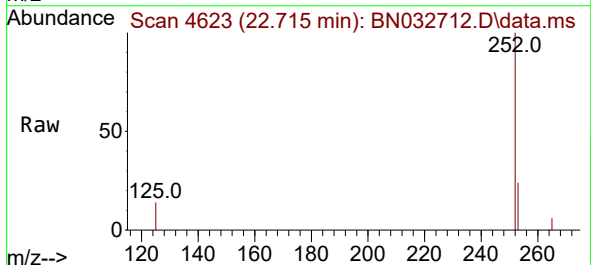
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BNA_N
ClientSampleId :
A4BC6DL



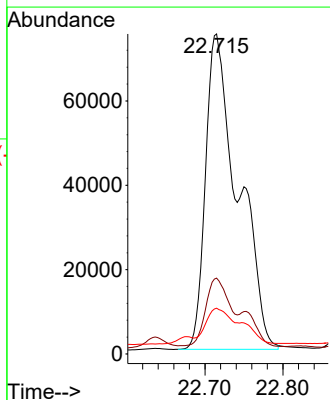
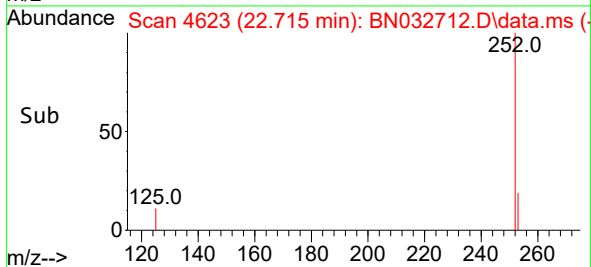
Tgt Ion:228 Resp: 111948
Ion Ratio Lower Upper
228 100
226 31.0 24.0 36.0
229 20.9 15.8 23.6

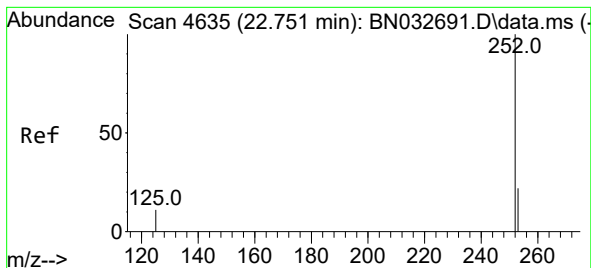


#24
Benzo(b)fluoranthene
Concen: 2.963 ng/ul
RT: 22.715 min Scan# 4623
Delta R.T. -0.019 min
Lab File: BN032712.D
Acq: 13 Jul 2024 16:20



Tgt Ion:252 Resp: 216824
Ion Ratio Lower Upper
252 100
253 23.7 0.0 54.0
125 14.3 0.0 36.0





#25

Benzo(k)fluoranthene

Concen: 1.966 ng/ul

RT: 22.715 min Scan# 4623

Delta R.T. -0.063 min

Lab File: BN032712.D

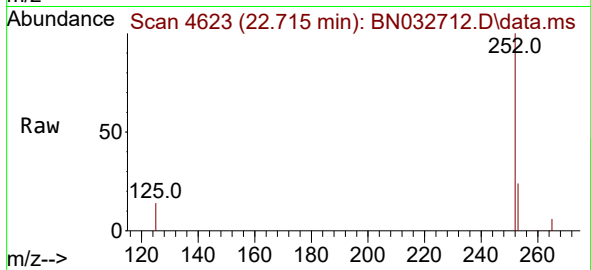
Acq: 13 Jul 2024 16:20

Instrument :

BNA_N

ClientSampleId :

A4BC6DL



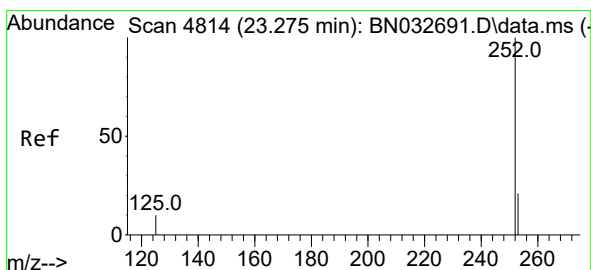
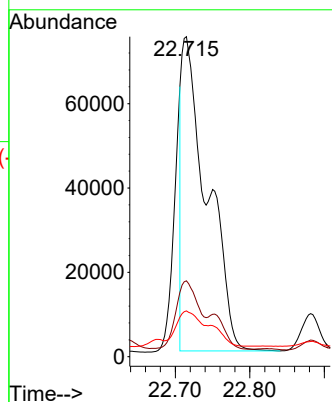
Tgt Ion:252 Resp: 175327

Ion Ratio Lower Upper

252 100

253 23.7 21.2 31.8

125 14.3 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 0.810 ng/ul

RT: 23.273 min Scan# 4814

Delta R.T. -0.036 min

Lab File: BN032712.D

Acq: 13 Jul 2024 16:20

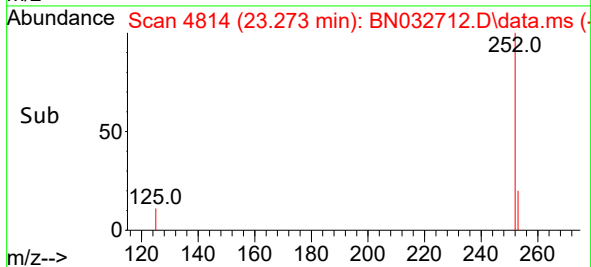
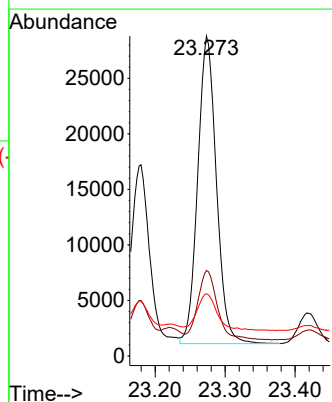
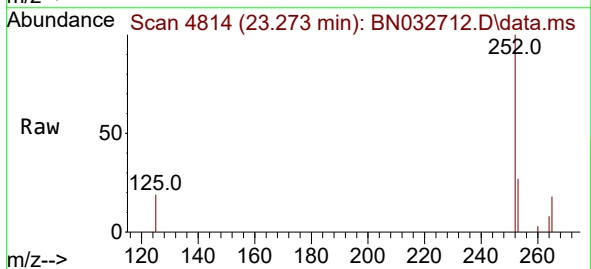
Tgt Ion:252 Resp: 51307

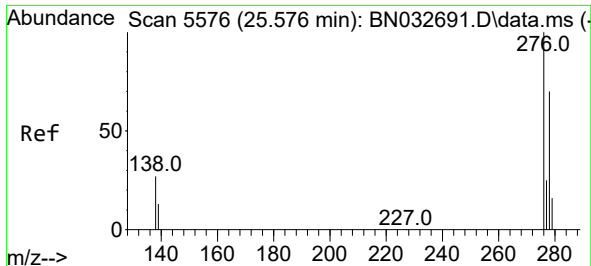
Ion Ratio Lower Upper

252 100

253 26.7 25.4 38.0

125 19.5 20.6 30.8#

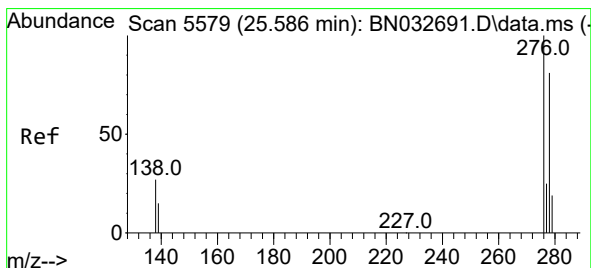
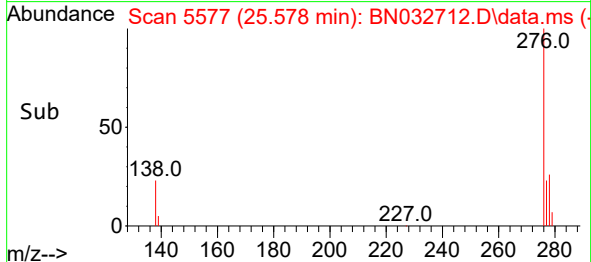
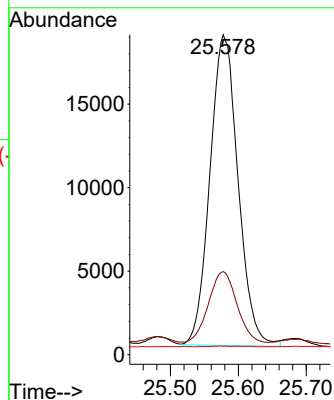
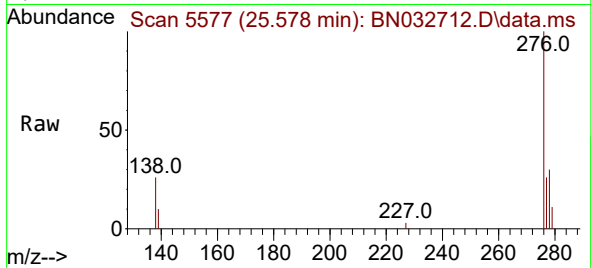




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.625 ng/ul
RT: 25.578 min Scan# 5576
Delta R.T. -0.048 min
Lab File: BN032712.D
Acq: 13 Jul 2024 16:20

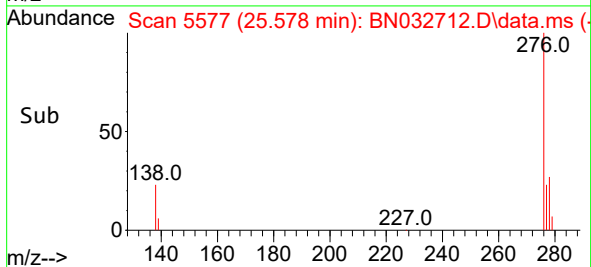
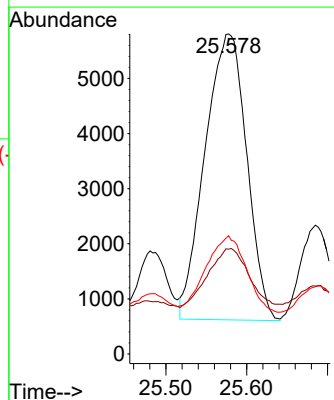
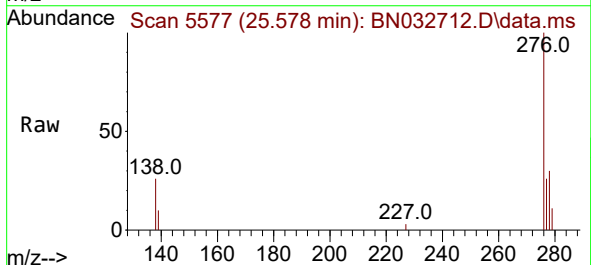
Instrument :
BNA_N
ClientSampleId :
A4BC6DL

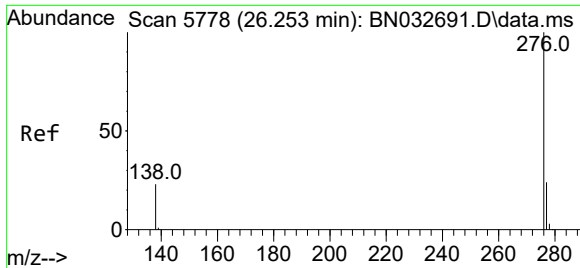
Tgt Ion:276 Resp: 53603
Ion Ratio Lower Upper
276 100
138 23.3 21.6 32.4
227 0.2 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.280 ng/ul
RT: 25.578 min Scan# 5577
Delta R.T. -0.062 min
Lab File: BN032712.D
Acq: 13 Jul 2024 16:20

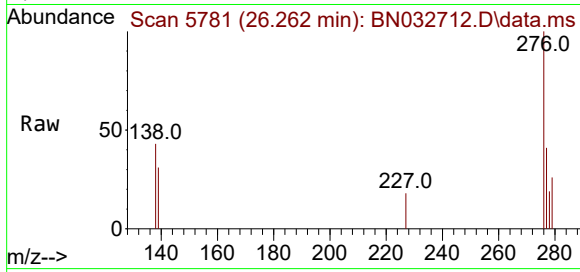
Tgt Ion:278 Resp: 18611
Ion Ratio Lower Upper
278 100
139 32.7 16.6 24.8#
279 36.9 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.105 ng/ul
 RT: 26.262 min Scan# 51
 Delta R.T. -0.038 min
 Lab File: BN032712.D
 Acq: 13 Jul 2024 16:20

Instrument :
 BNA_N
 ClientSampleId :
 A4BC6DL



Tgt Ion:276 Resp: 7492
 Ion Ratio Lower Upper
 276 100
 138 43.1 21.0 31.4#
 277 40.5 20.6 31.0#

