

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032652.D
 Acq On : 12 Jul 2024 00:58
 Operator : MA/JU
 Sample : P3035-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB8

Quant Time: Jul 12 01:57:26 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)

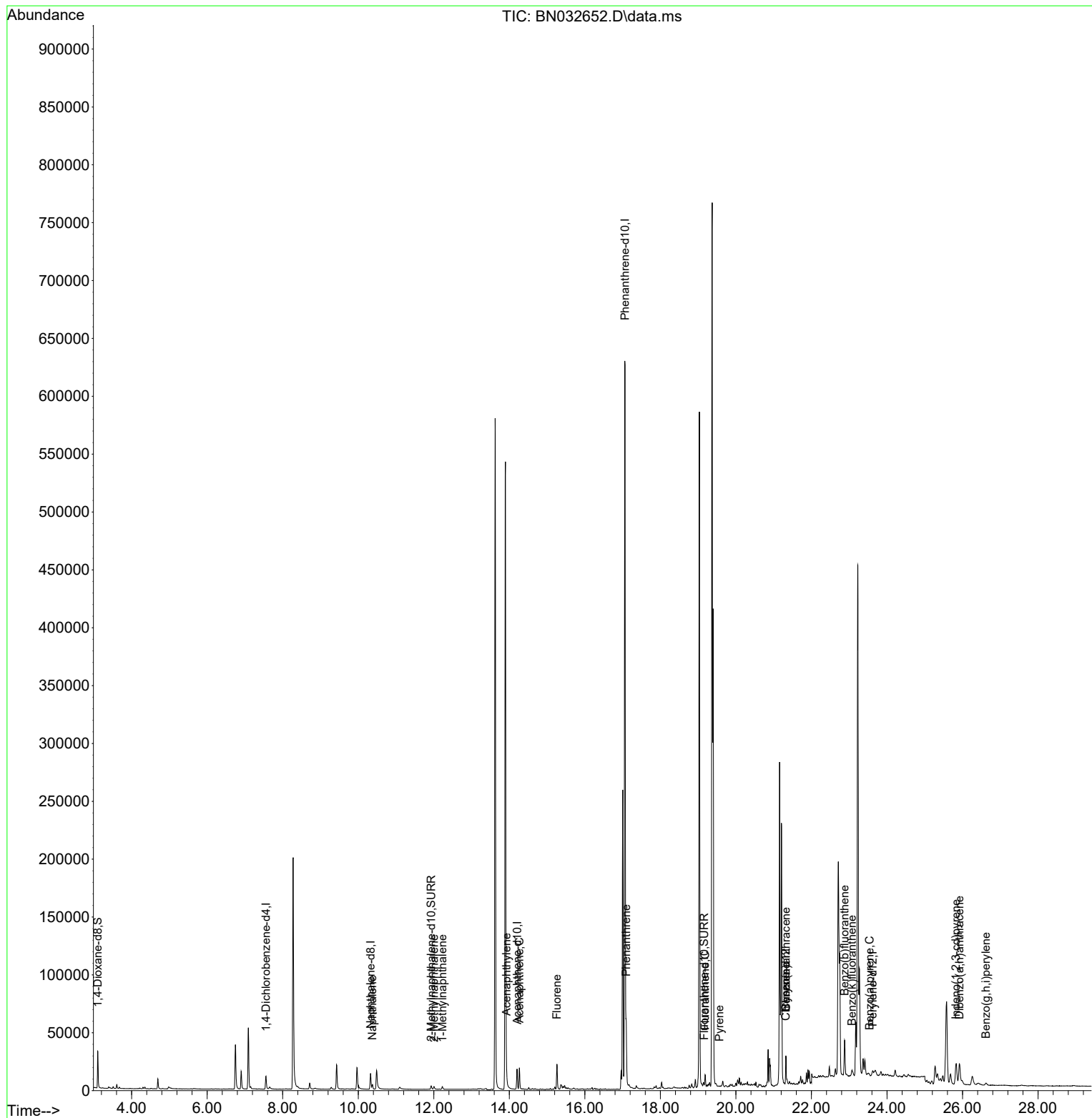
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	6677	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	19729	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	10295	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.062	188	757523	0.400	ng/ul	0.07
17) Chrysene-d12	21.317	240	166	0.400	ng/ul	# 0.12
23) Perylene-d12	23.620	264	1852	0.400	ng/ul	# 0.22
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	21022	2.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	5138	0.172	ng/ul	-0.04
18) Fluoranthene-d10	19.161	212	61	0.113	ng/ul	0.13
Target Compounds						Qvalue
5) Naphthalene	10.376	128	5683	0.107	ng/ul	97
7) 2-Methylnaphthalene	12.004	142	2366	0.072	ng/ul	95
8) 1-Methylnaphthalene	12.230	142	2044	0.060	ng/ul	100
10) Acenaphthylene	13.925	152	12449	0.299	ng/ul	99
11) Acenaphthene	14.267	153	11207	0.326	ng/ul	99
12) Fluorene	15.262	166	14502	0.369	ng/ul	98
15) Phenanthrene	17.096	178	52872	0.026	ng/ul	98
19) Fluoranthene	19.185	202	9568	14.176	ng/ul#	95
20) Pyrene	19.561	202	456	0.653	ng/ul#	50
21) Benzo(a)anthracene	21.325	228	20506	38.808	ng/ul#	54
22) Chrysene	21.325	228	24202	31.662	ng/ul#	57
24) Benzo(b)fluoranthene	22.877	252	39524	6.048	ng/ul	88
25) Benzo(k)fluoranthene	23.073	252	5000	0.628	ng/ul#	1
26) Benzo(a)pyrene	23.538	252	303	0.054	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.827	276	7455	0.974	ng/ul#	42
28) Dibenzo(a,h)anthracene	25.918	278	31502	5.308	ng/ul#	92
29) Benzo(g,h,i)perylene	26.622	276	3168	0.495	ng/ul#	16

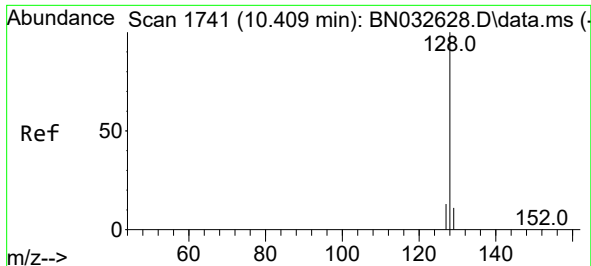
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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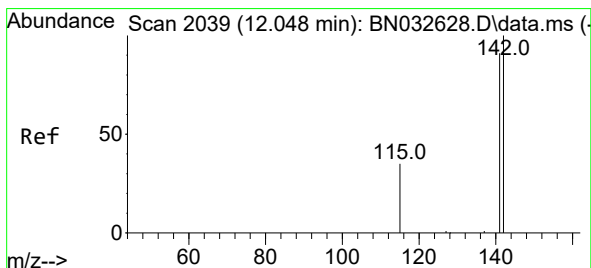
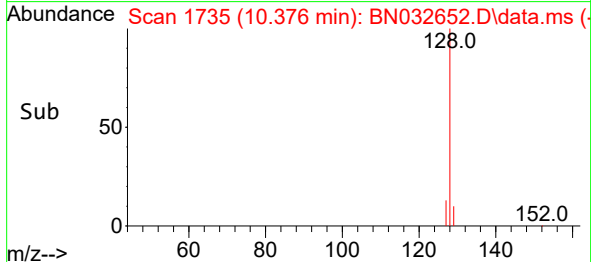
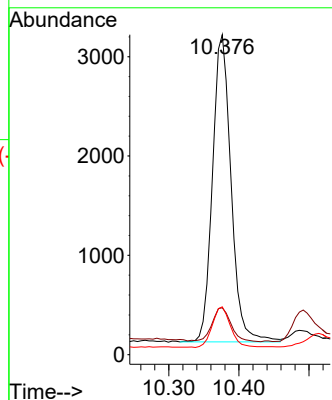
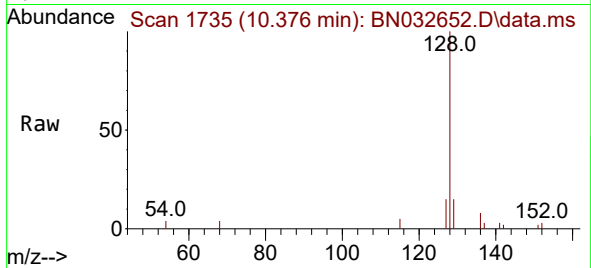




#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

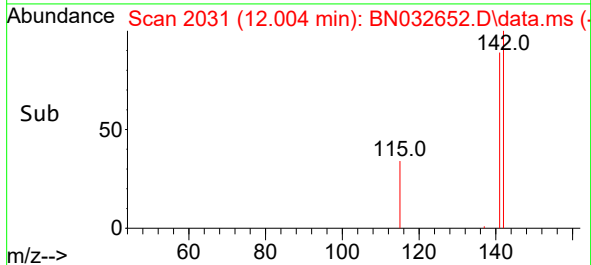
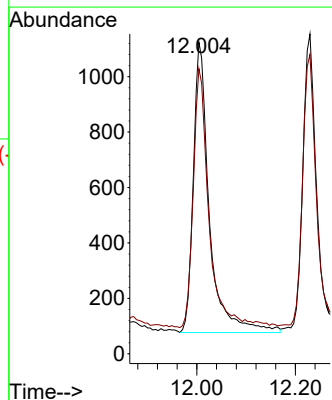
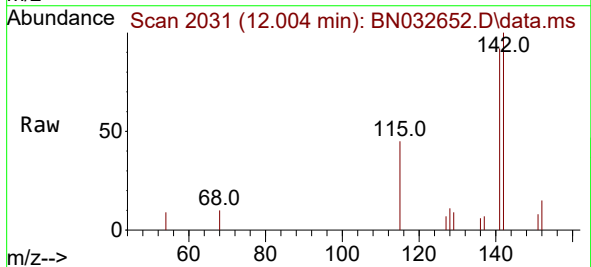
Instrument :
BNA_N
ClientSampleId :
A4CB8

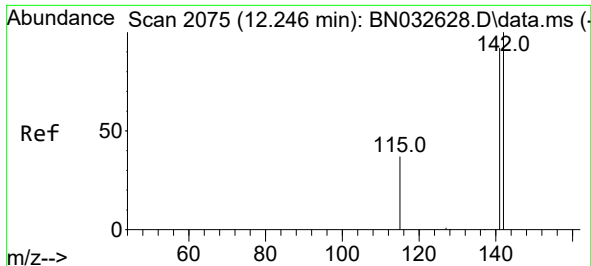
Tgt Ion:128 Resp: 5683
Ion Ratio Lower Upper
128 100
129 14.6 10.0 15.0
127 15.0 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

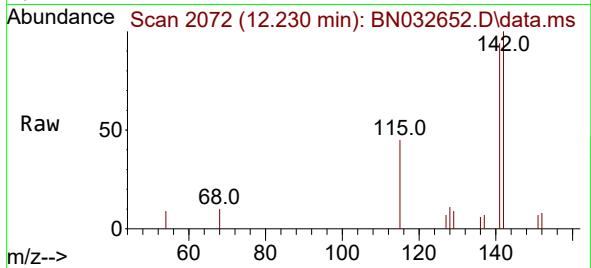
Tgt Ion:142 Resp: 2366
Ion Ratio Lower Upper
142 100
141 87.5 74.0 111.0



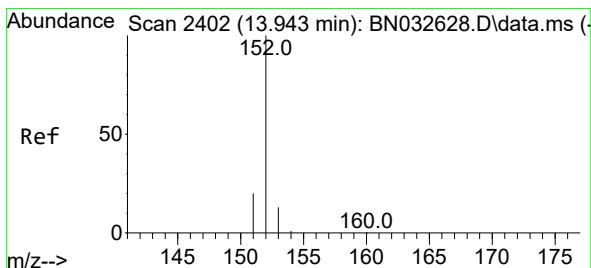
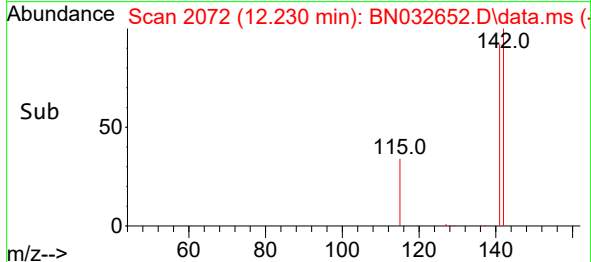
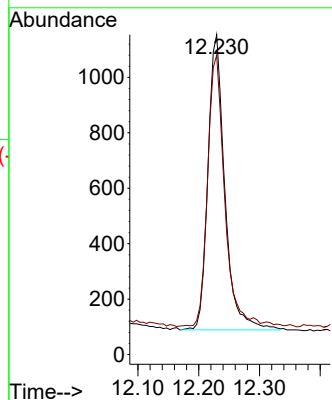


#8
1-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.230 min Scan# 2075
Delta R.T. -0.017 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

Instrument :
BNA_N
ClientSampleId :
A4CB8

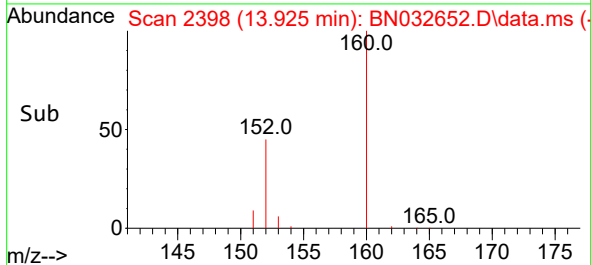
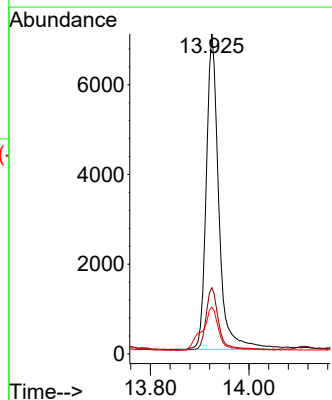
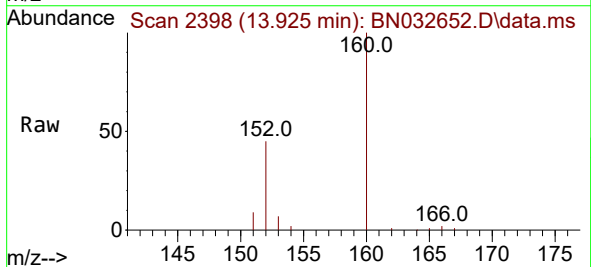


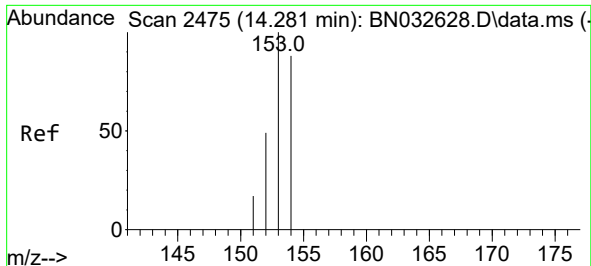
Tgt Ion:142 Resp: 2044
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4



#10
Acenaphthylene
Concen: 0.299 ng/ul
RT: 13.925 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

Tgt Ion:152 Resp: 12449
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.6 11.3 16.9

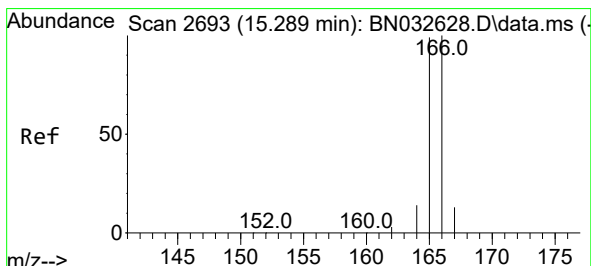
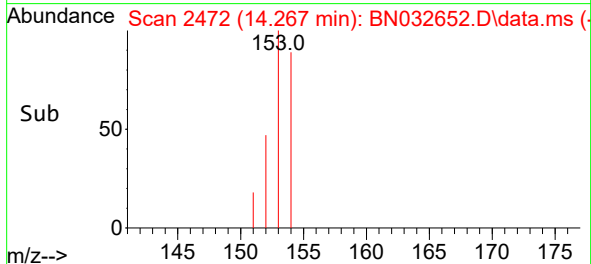
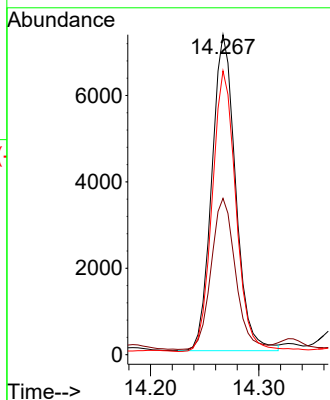
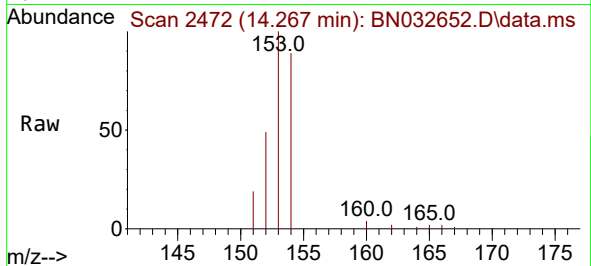




#11
Acenaphthene
Concen: 0.326 ng/ul
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

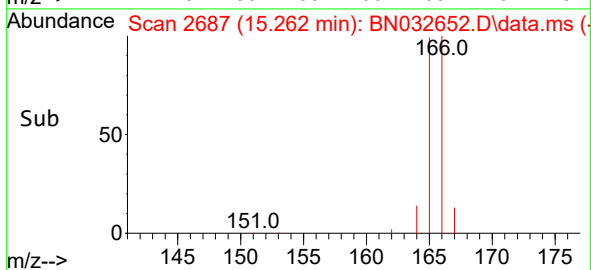
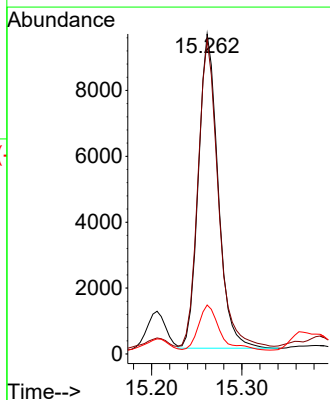
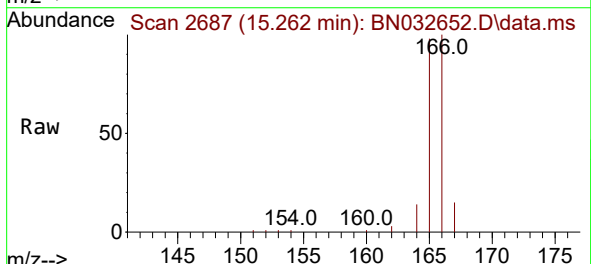
Instrument :
BNA_N
ClientSampleId :
A4CB8

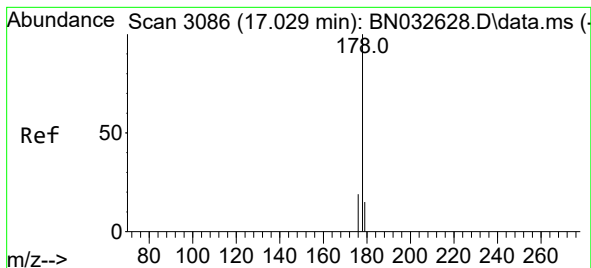
Tgt Ion:153 Resp: 11207
Ion Ratio Lower Upper
153 100
152 48.8 40.0 60.0
154 88.7 70.2 105.4



#12
Fluorene
Concen: 0.369 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

Tgt Ion:166 Resp: 14502
Ion Ratio Lower Upper
166 100
165 98.2 79.7 119.5
167 15.3 11.4 17.2





#15

Phenanthrene

Concen: 0.026 ng/ul

RT: 17.096 min Scan# 3102

Delta R.T. 0.067 min

Lab File: BN032652.D

Acq: 12 Jul 2024 00:58

Instrument :

BNA_N

ClientSampleId :

A4CB8

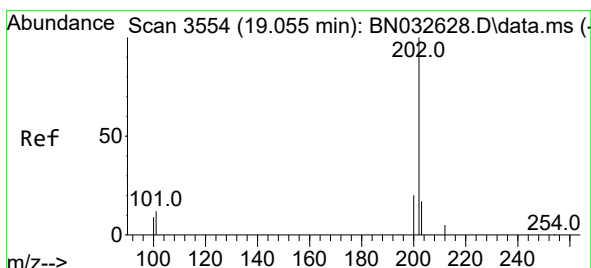
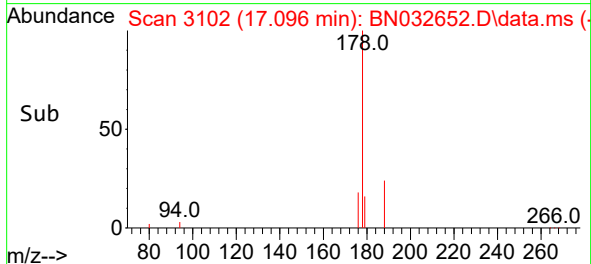
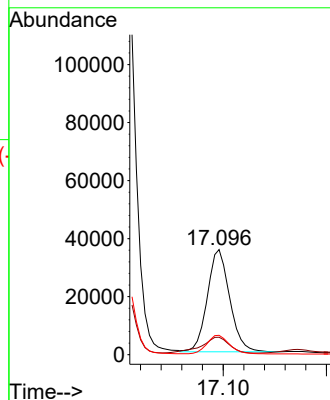
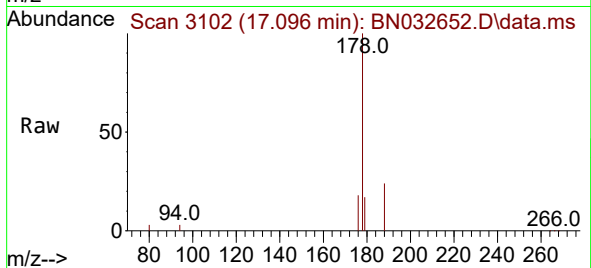
Tgt Ion:178 Resp: 52872

Ion Ratio Lower Upper

178 100

179 16.6 13.0 19.4

176 18.4 15.6 23.4



#19

Fluoranthene

Concen: 14.176 ng/ul

RT: 19.185 min Scan# 3582

Delta R.T. 0.130 min

Lab File: BN032652.D

Acq: 12 Jul 2024 00:58

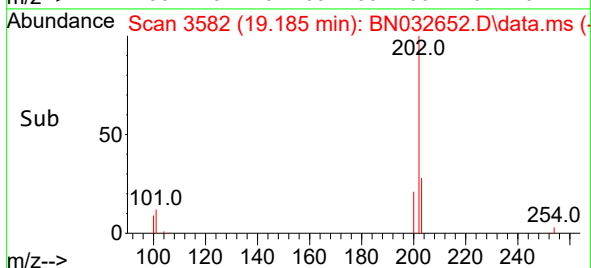
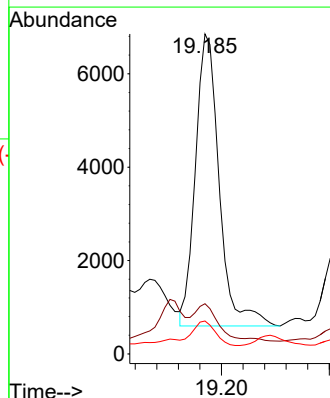
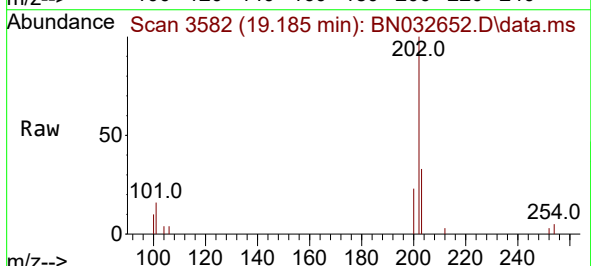
Tgt Ion:202 Resp: 9568

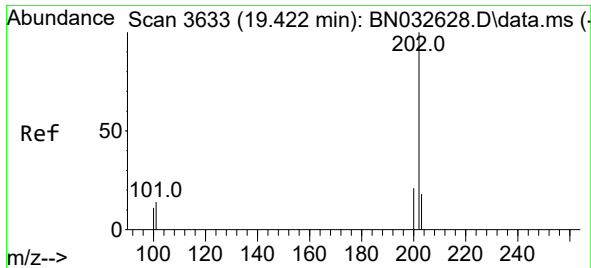
Ion Ratio Lower Upper

202 100

101 15.7 9.8 14.8#

100 10.3 7.9 11.9

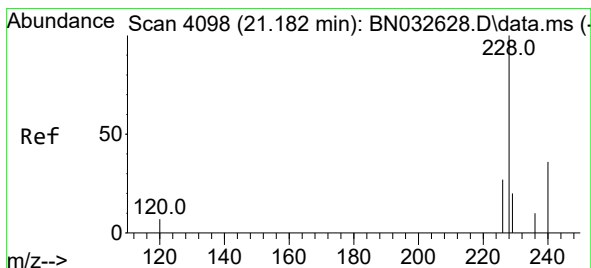
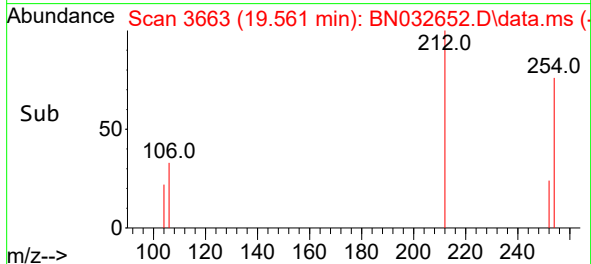
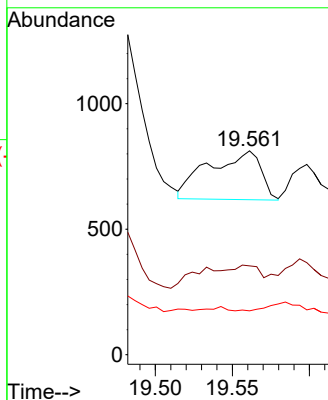
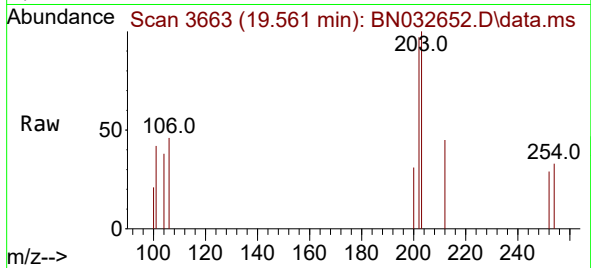




#20
Pyrene
Concen: 0.653 ng/ul
RT: 19.561 min Scan# 30
Delta R.T. 0.139 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

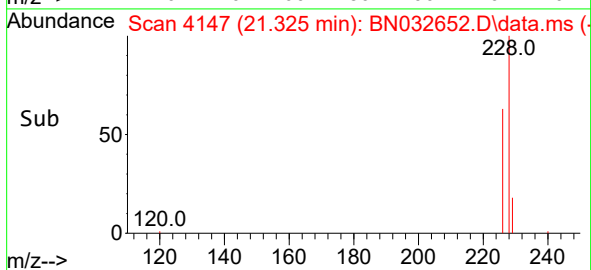
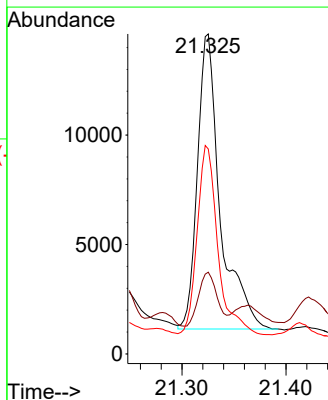
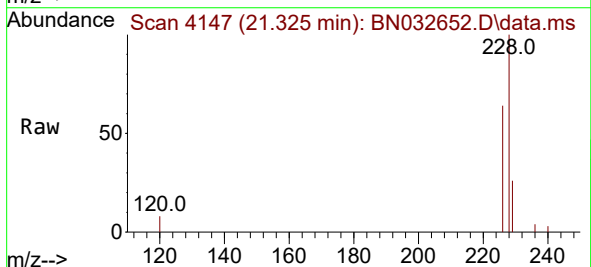
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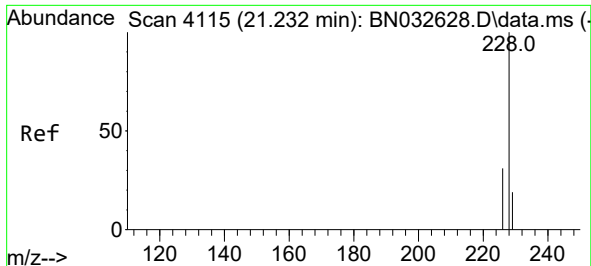
Tgt Ion:202 Resp: 456
Ion Ratio Lower Upper
202 100
101 43.6 11.8 17.6#
100 21.6 9.6 14.4#



#21
Benzo(a)anthracene
Concen: 38.808 ng/ul
RT: 21.325 min Scan# 4147
Delta R.T. 0.143 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

Tgt Ion:228 Resp: 20506
Ion Ratio Lower Upper
228 100
229 25.5 16.1 24.1#
226 64.0 21.9 32.9#





#22

Chrysene

Concen: 31.662 ng/ul

RT: 21.325 min Scan# 4115

Delta R.T. 0.093 min

Lab File: BN032652.D

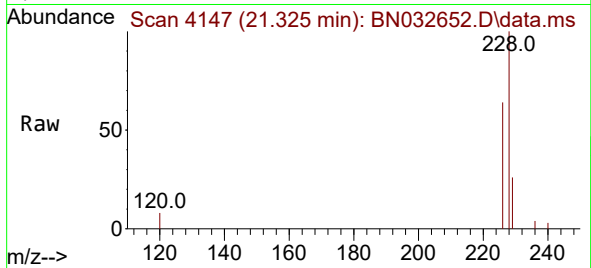
Acq: 12 Jul 2024 00:58

Instrument :

BNA_N

ClientSampleId :

A4CB8



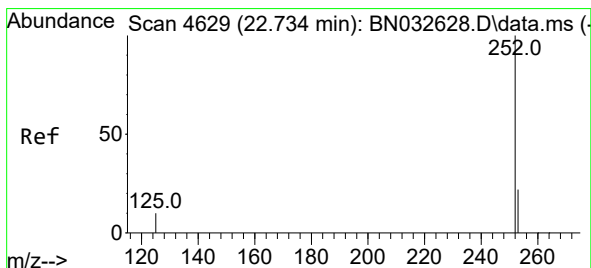
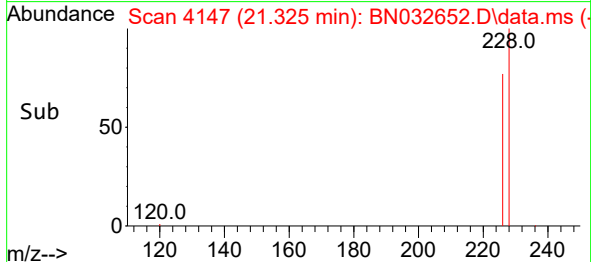
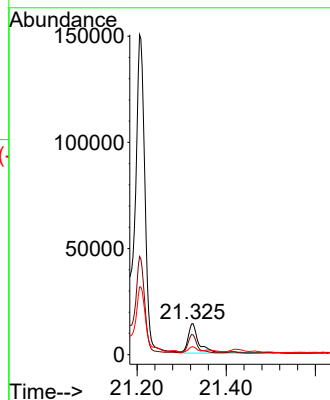
Tgt Ion:228 Resp: 24202

Ion Ratio Lower Upper

228 100

226 64.0 24.0 36.0#

229 25.5 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 6.048 ng/ul

RT: 22.877 min Scan# 4678

Delta R.T. 0.143 min

Lab File: BN032652.D

Acq: 12 Jul 2024 00:58

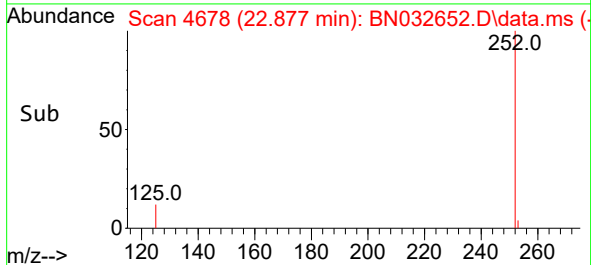
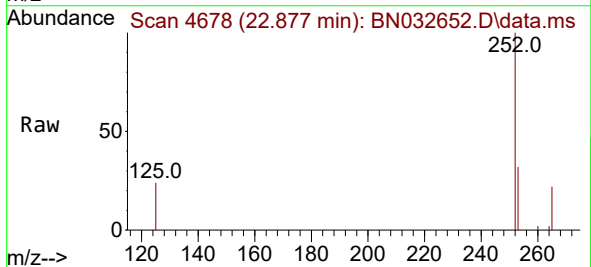
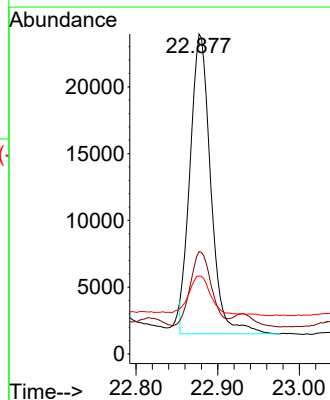
Tgt Ion:252 Resp: 39524

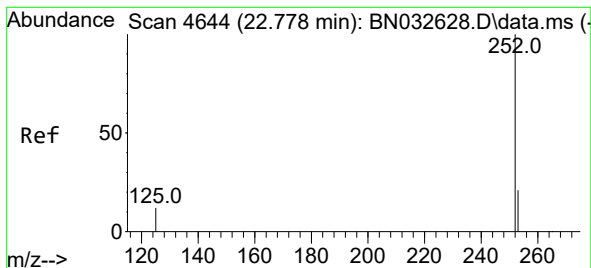
Ion Ratio Lower Upper

252 100

253 32.0 0.0 54.0

125 24.4 0.0 36.0





#25

Benzo(k)fluoranthene

Concen: 0.628 ng/ul

RT: 23.073 min Scan# 41

Delta R.T. 0.295 min

Lab File: BN032652.D

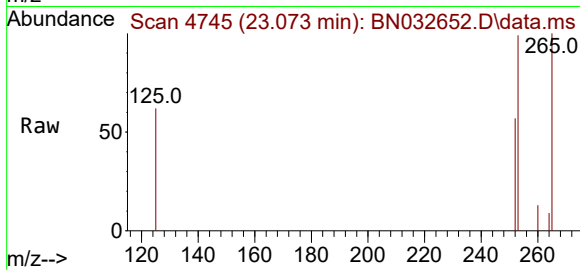
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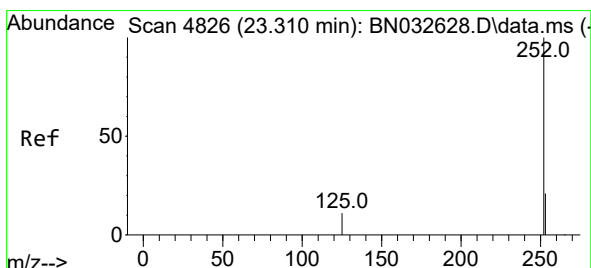
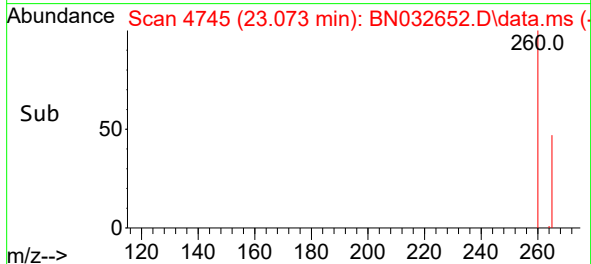
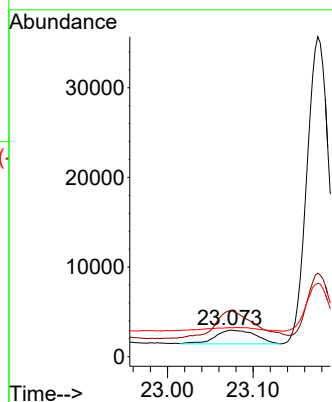
Tgt Ion:252 Resp: 5000

Ion Ratio Lower Upper

252 100

253 174.3 21.2 31.8#

125 109.6 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 0.054 ng/ul

RT: 23.538 min Scan# 4904

Delta R.T. 0.228 min

Lab File: BN032652.D

Acq: 12 Jul 2024 00:58

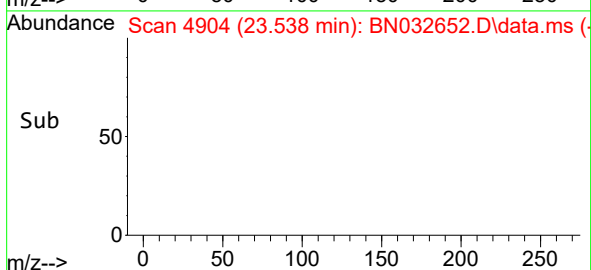
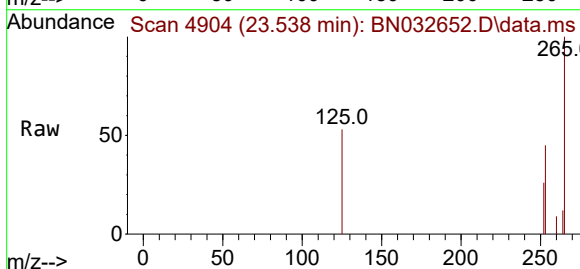
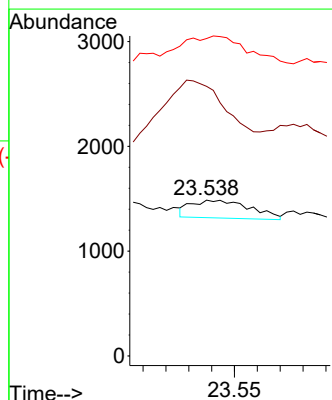
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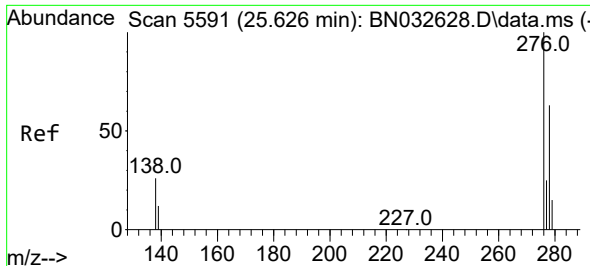
Ion Ratio Lower Upper

252 100

253 173.0 25.4 38.0#

125 203.7 20.6 30.8#

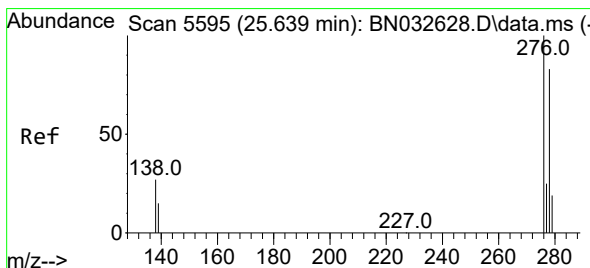
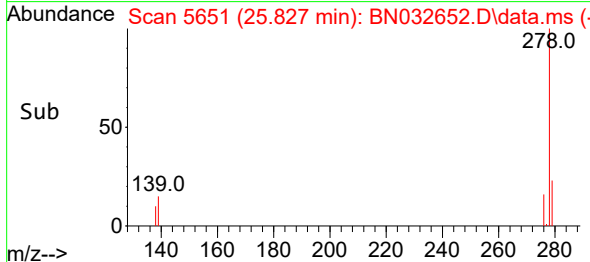
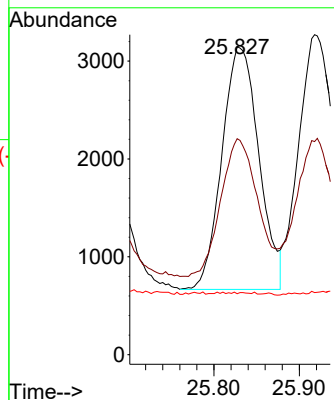
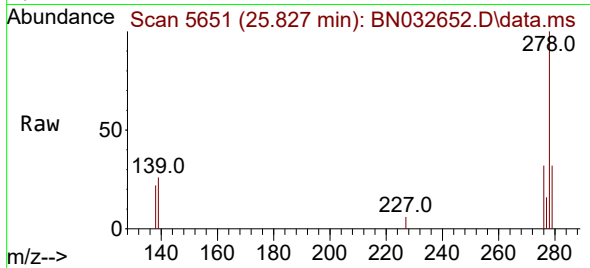




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.974 ng/ul
 RT: 25.827 min Scan# 5651
 Delta R.T. 0.201 min
 Lab File: BN032652.D
 Acq: 12 Jul 2024 00:58

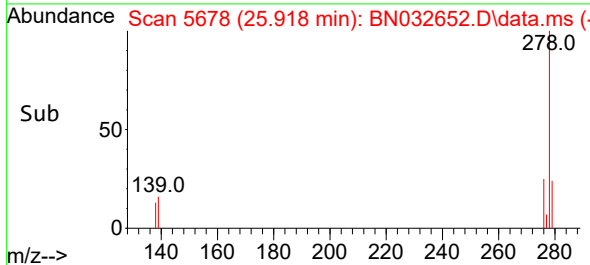
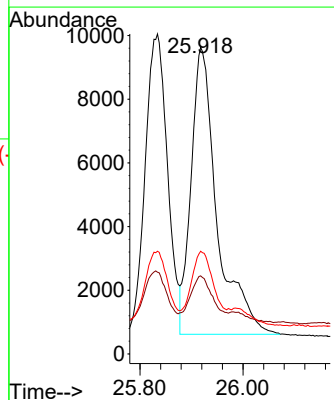
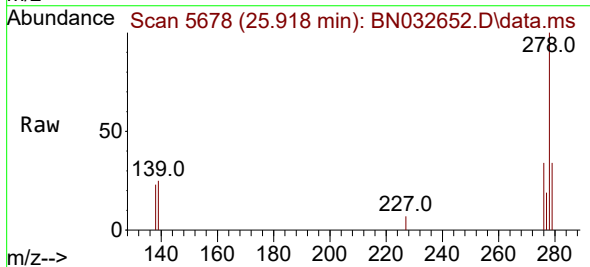
Instrument :
 BNA_N
 ClientSampleId :
 A4CB8

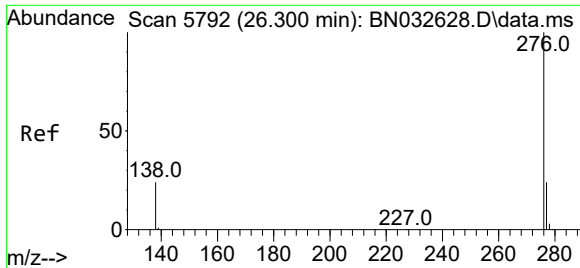
Tgt Ion:276 Resp: 7455
 Ion Ratio Lower Upper
 276 100
 138 57.1 21.6 32.4#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 5.308 ng/ul
 RT: 25.918 min Scan# 5678
 Delta R.T. 0.278 min
 Lab File: BN032652.D
 Acq: 12 Jul 2024 00:58

Tgt Ion:278 Resp: 31502
 Ion Ratio Lower Upper
 278 100
 139 25.5 16.6 24.8#
 279 33.5 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.495 ng/ul
 RT: 26.622 min Scan# 51
 Delta R.T. 0.322 min
 Lab File: BN032652.D
 Acq: 12 Jul 2024 00:58

Instrument :
 BNA_N
 ClientSampleId :
 A4CB8

Tgt Ion:276 Resp: 3168
 Ion Ratio Lower Upper
 276 100
 138 65.7 21.0 31.4#
 277 72.2 20.6 31.0#

