

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028550.D
 Acq On : 10 Nov 2023 10:45
 Operator : MA/JU
 Sample : 05044-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHEH4

Quant Time: Nov 10 23:26:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:30:32 2023
 Response via : Initial Calibration

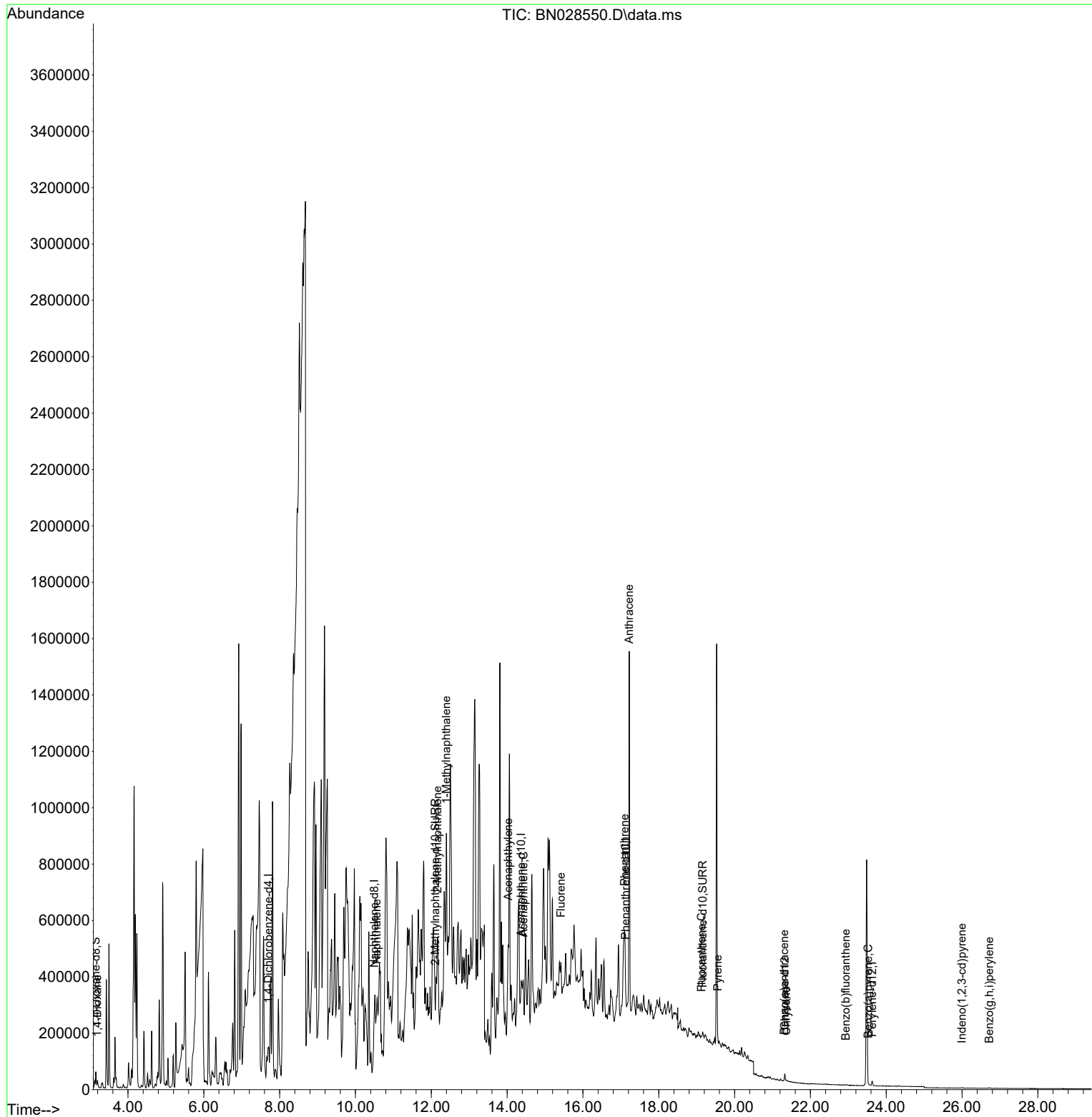
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	10131	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.496	136	36573	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.372	164	22641	0.400	ng/ul	# 0.02
13) Phenanthrene-d10	17.124	188	38922	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.324	240	23985	0.400	ng/ul	# 0.00
23) Perylene-d12	23.630	264	22381	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	37483	3.348	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.102	152	48138	0.874	ng/ul	0.00
18) Fluoranthene-d10	19.160	212	24587	0.319	ng/ul	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.189	88	3437	0.278	ng/ul#	1
5) Naphthalene	10.557	128	28524	0.278	ng/ul#	1
7) 2-Methylnaphthalene	12.163	142	4265	0.063	ng/ul#	1
8) 1-Methylnaphthalene	12.394	142	50541	0.737	ng/ul	100
10) Acenaphthylene	14.030	152	594741	5.263	ng/ul#	77
11) Acenaphthene	14.428	153	28814	0.347	ng/ul#	67
12) Fluorene	15.418	166	51307	0.530	ng/ul#	71
15) Phenanthrene	17.099	178	433141	3.622	ng/ul#	68
16) Anthracene	17.217	178	7404	0.068	ng/ul#	1
19) Fluoranthene	19.128	202	4763	0.047	ng/ul#	1
20) Pyrene	19.555	202	26808	0.254	ng/ul#	58
21) Benzo(a)anthracene	21.309	228	2975	0.031	ng/ul#	1
22) Chrysene	21.359	228	3582	0.039	ng/ul#	1
24) Benzo(b)fluoranthene	22.931	252	4064	0.048	ng/ul#	1
26) Benzo(a)pyrene	23.525	252	3124	0.039	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.997	276	1809	0.021	ng/ul#	72
29) Benzo(g,h,i)perylene	26.718	276	3737	0.052	ng/ul#	31

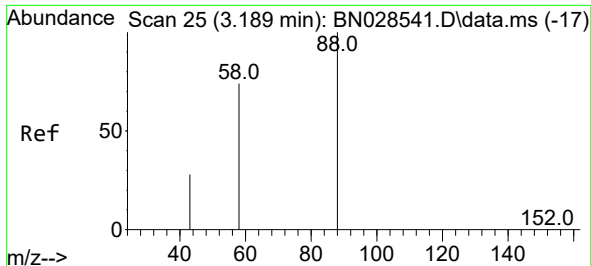
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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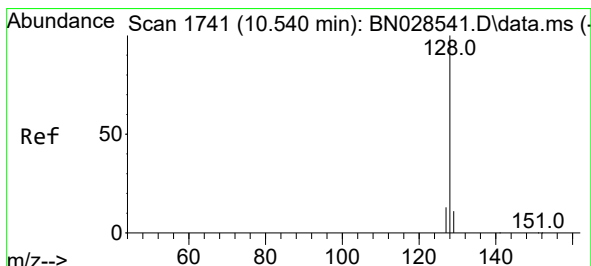
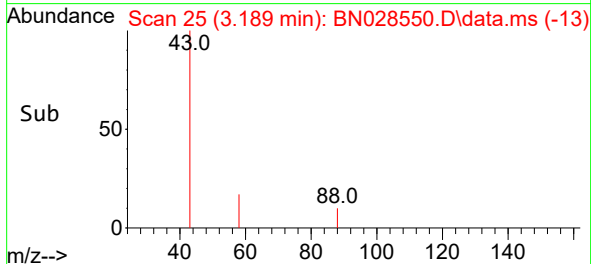
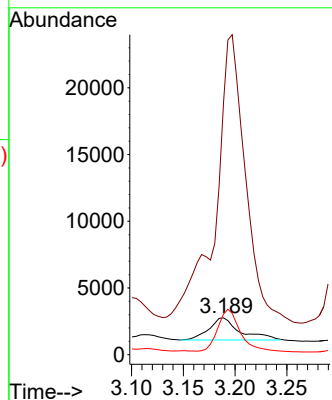
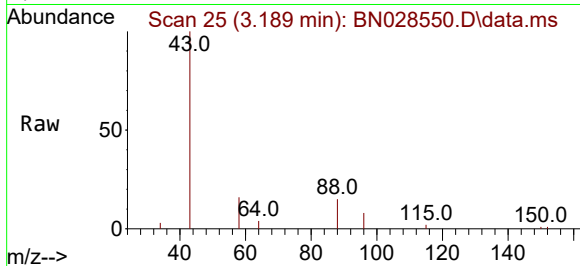




#2
1,4-Dioxane
Concen: 0.278 ng/ul
RT: 3.189 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45

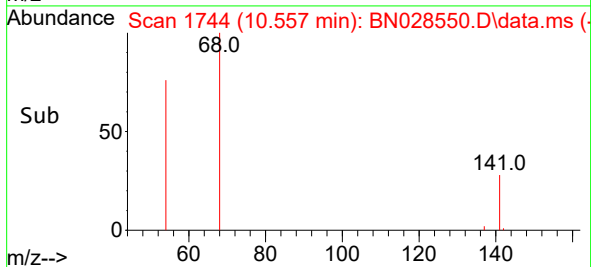
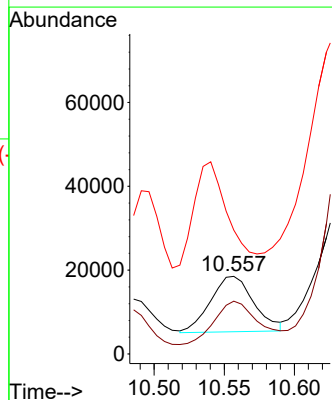
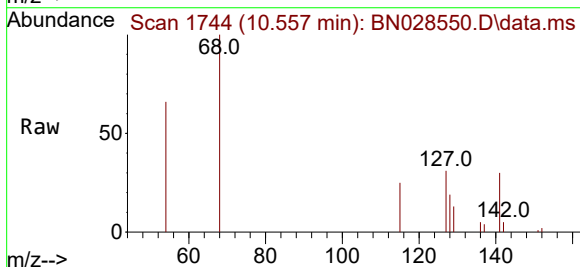
Instrument :
BNA_N
ClientSampleId :
BHEH4

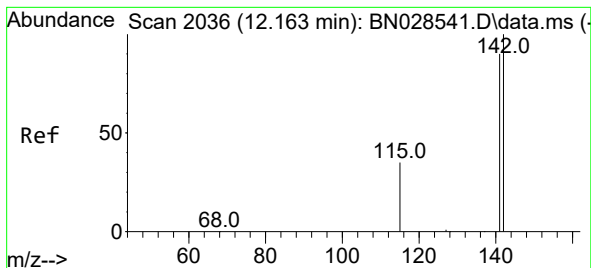
Tgt Ion: 88 Resp: 3437
Ion Ratio Lower Upper
88 100
43 686.0 32.9 49.3#
58 110.4 41.8 62.8#



#5
Naphthalene
Concen: 0.278 ng/ul
RT: 10.557 min Scan# 1744
Delta R.T. 0.012 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45

Tgt Ion: 128 Resp: 28524
Ion Ratio Lower Upper
128 100
129 68.0 9.2 13.8#
127 159.5 10.7 16.1#





#7

2-Methylnaphthalene

Concen: 0.063 ng/ul

RT: 12.163 min Scan# 2036

Delta R.T. -0.004 min

Lab File: BN028550.D

Acq: 10 Nov 2023 10:45

Instrument :

BNA_N

ClientSampleId :

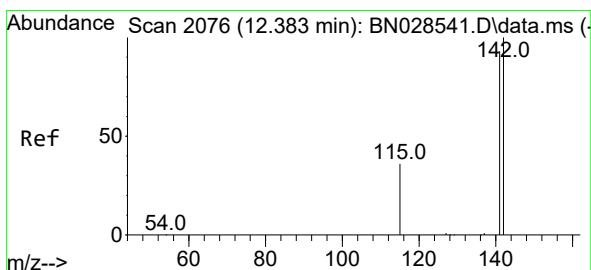
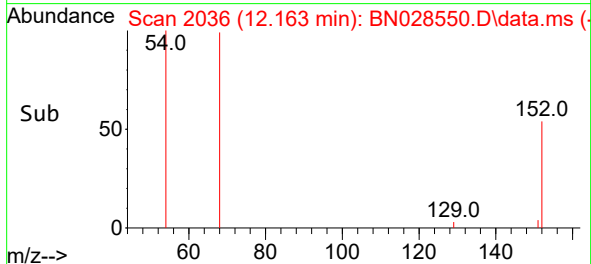
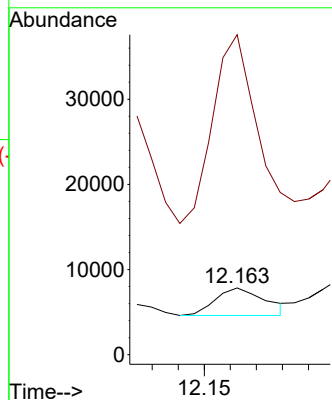
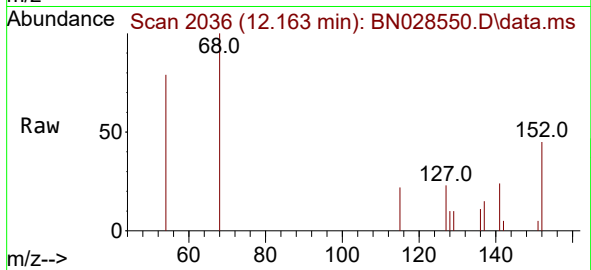
BHEH4

Tgt Ion:142 Resp: 4265

Ion Ratio Lower Upper

142 100

141 619.6 70.8 106.2#



#8

1-Methylnaphthalene

Concen: 0.737 ng/ul

RT: 12.394 min Scan# 2078

Delta R.T. 0.007 min

Lab File: BN028550.D

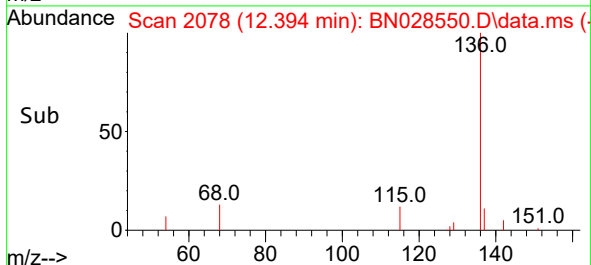
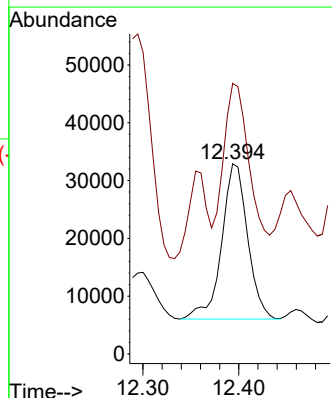
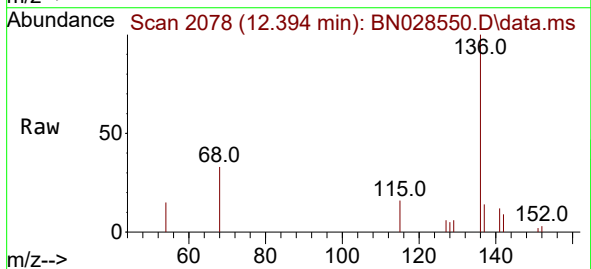
Acq: 10 Nov 2023 10:45

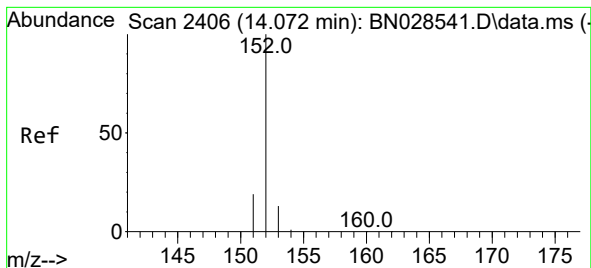
Tgt Ion:142 Resp: 50541

Ion Ratio Lower Upper

142 100

141 92.7 74.1 111.1





#10

Acenaphthylene

Concen: 5.263 ng/ul

RT: 14.030 min Scan# 21

Delta R.T. -0.040 min

Lab File: BN028550.D

Acq: 10 Nov 2023 10:45

Instrument :

BNA_N

ClientSampleId :

BHEH4

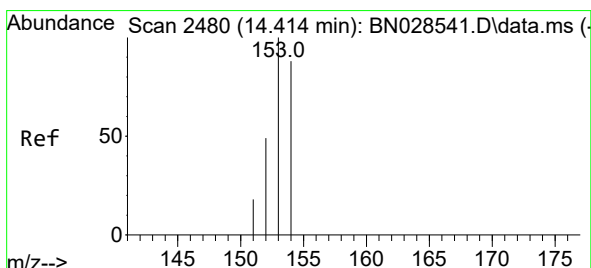
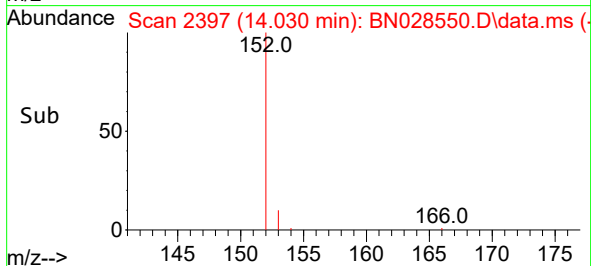
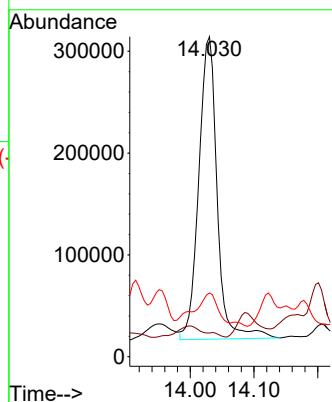
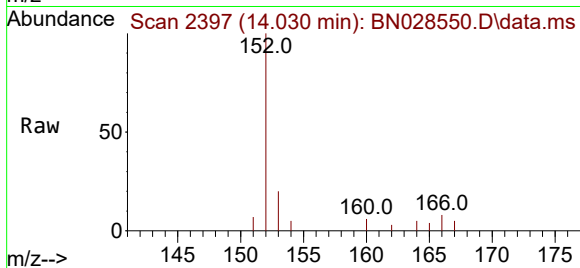
Tgt Ion:152 Resp: 594741

Ion Ratio Lower Upper

152 100

151 7.4 16.1 24.1#

153 19.9 10.6 15.8#



#11

Acenaphthene

Concen: 0.347 ng/ul

RT: 14.428 min Scan# 2483

Delta R.T. 0.011 min

Lab File: BN028550.D

Acq: 10 Nov 2023 10:45

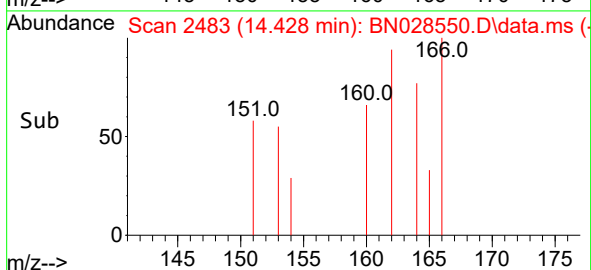
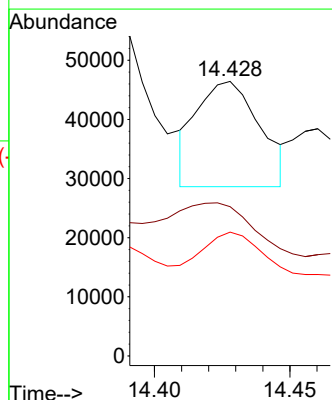
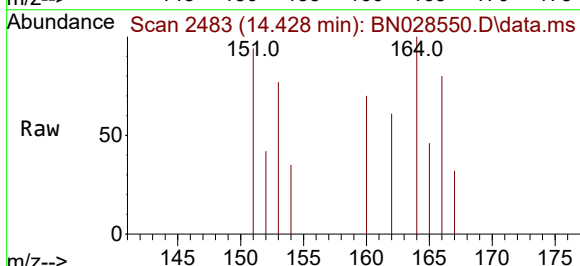
Tgt Ion:153 Resp: 28814

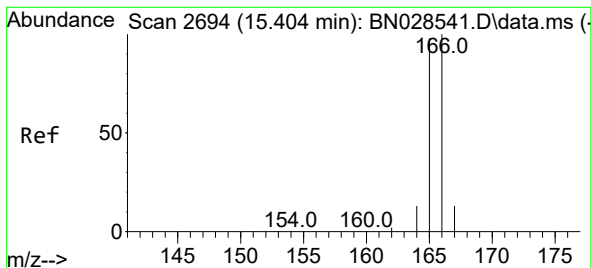
Ion Ratio Lower Upper

153 100

152 54.3 39.6 59.4

154 45.1 71.0 106.6#





#12

Fluorene

Concen: 0.530 ng/ul

RT: 15.418 min Scan# 2

Delta R.T. 0.011 min

Lab File: BN028550.D

Acq: 10 Nov 2023 10:45

Instrument :

BNA_N

ClientSampleId :

BHEH4

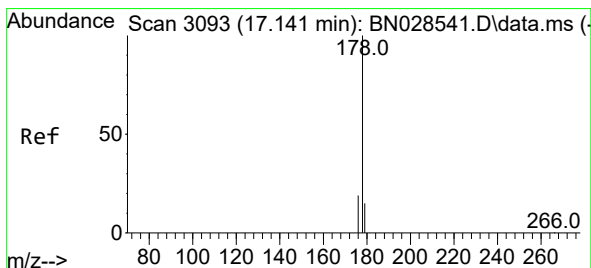
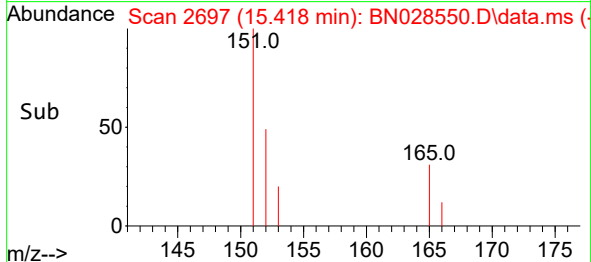
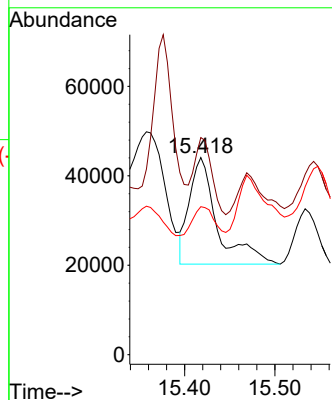
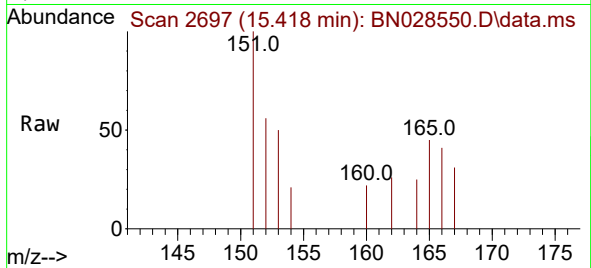
Tgt Ion:166 Resp: 51307

Ion Ratio Lower Upper

166 100

165 110.2 78.6 118.0

167 75.1 11.0 16.6#



#15

Phenanthrene

Concen: 3.622 ng/ul

RT: 17.099 min Scan# 3083

Delta R.T. -0.045 min

Lab File: BN028550.D

Acq: 10 Nov 2023 10:45

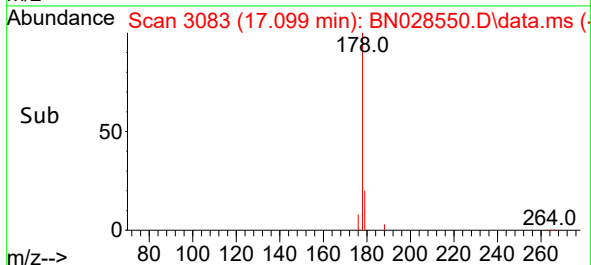
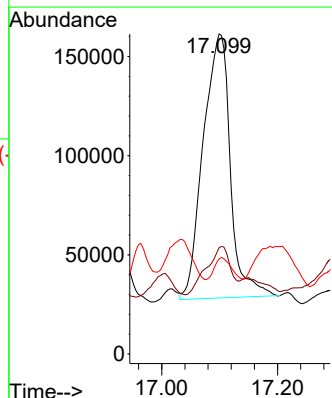
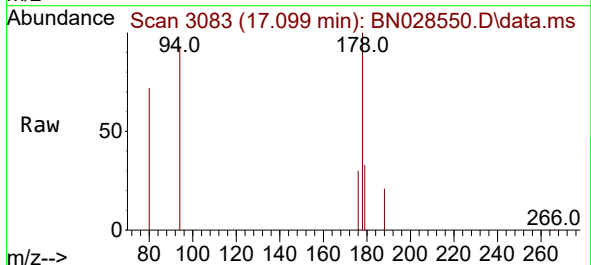
Tgt Ion:178 Resp: 433141

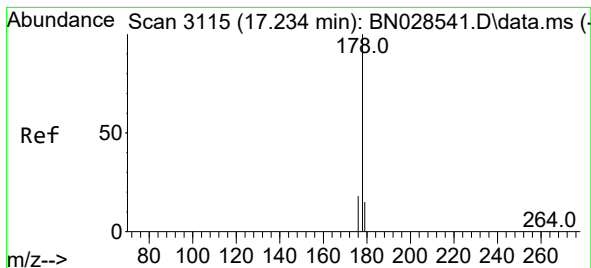
Ion Ratio Lower Upper

178 100

179 33.2 12.4 18.6#

176 29.7 15.4 23.2#





#16

Anthracene

Concen: 0.068 ng/ul

RT: 17.217 min Scan# 3111

Delta R.T. -0.020 min

Lab File: BN028550.D

Acq: 10 Nov 2023 10:45

Instrument :

BNA_N

ClientSampleId :

BHEH4

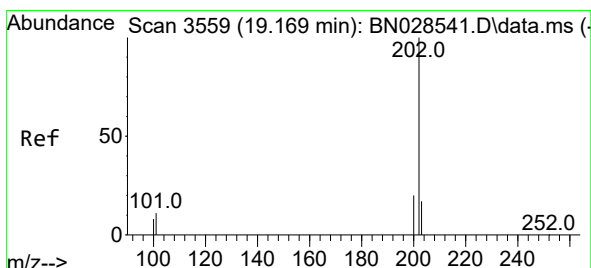
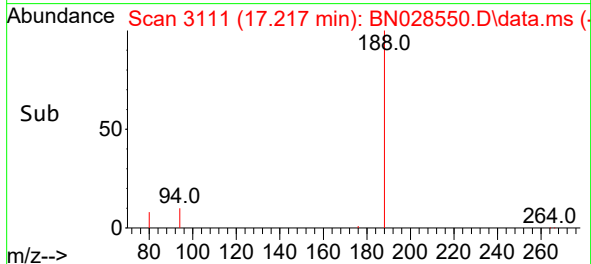
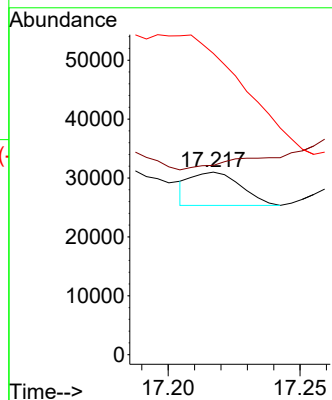
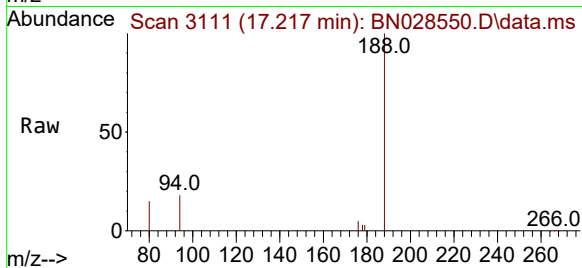
Tgt Ion:178 Resp: 7404

Ion Ratio Lower Upper

178 100

179 103.7 12.6 18.8#

176 165.0 14.9 22.3#



#19

Fluoranthene

Concen: 0.047 ng/ul

RT: 19.128 min Scan# 3550

Delta R.T. -0.045 min

Lab File: BN028550.D

Acq: 10 Nov 2023 10:45

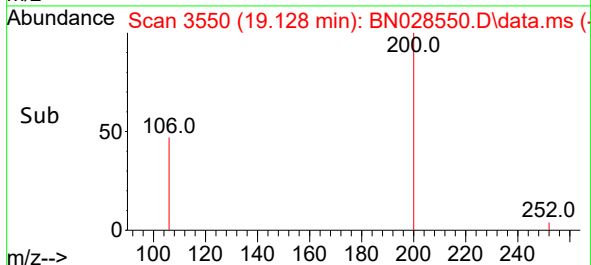
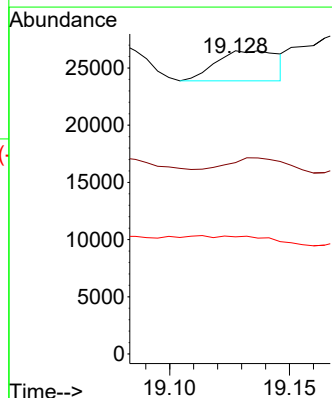
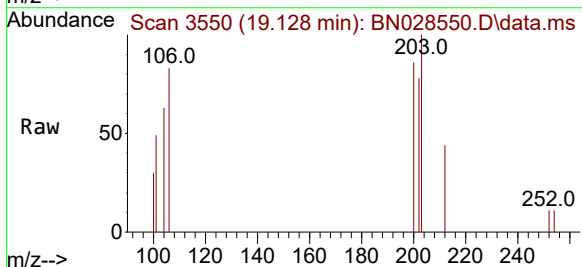
Tgt Ion:202 Resp: 4763

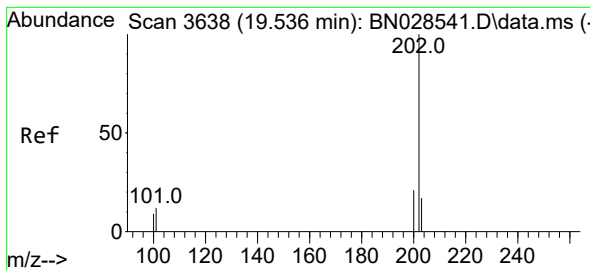
Ion Ratio Lower Upper

202 100

101 63.1 9.5 14.3#

100 38.6 7.2 10.8#





#20

Pyrene

Concen: 0.254 ng/ul

RT: 19.555 min Scan# 3642

Delta R.T. 0.016 min

Lab File: BN028550.D

Acq: 10 Nov 2023 10:45

Instrument :

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ClientSampleId :

BHEH4

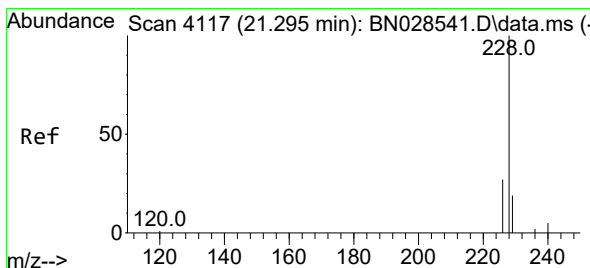
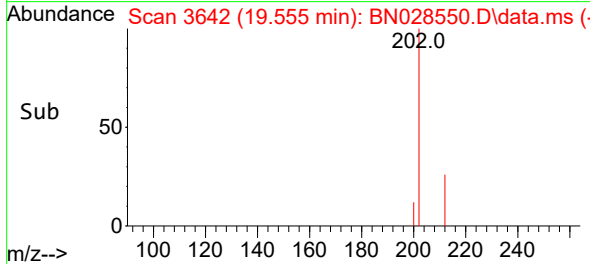
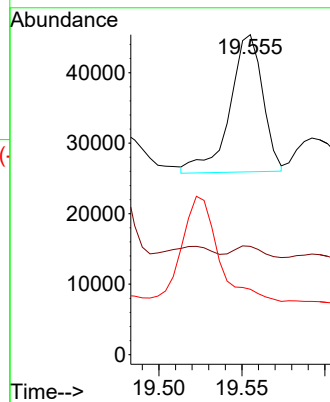
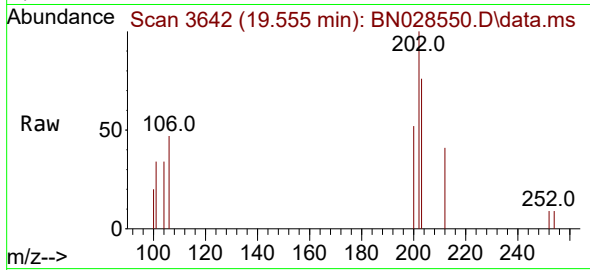
Tgt Ion:202 Resp: 26808

Ion Ratio Lower Upper

202 100

101 33.8 10.3 15.5#

100 20.5 8.2 12.2#



#21

Benzo(a)anthracene

Concen: 0.031 ng/ul

RT: 21.309 min Scan# 4122

Delta R.T. 0.006 min

Lab File: BN028550.D

Acq: 10 Nov 2023 10:45

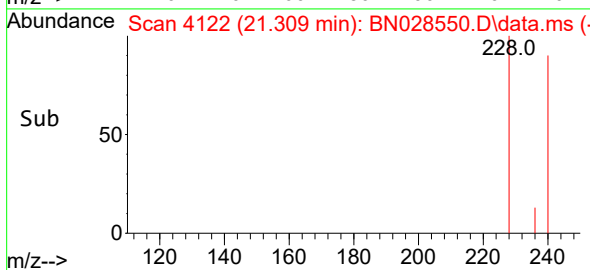
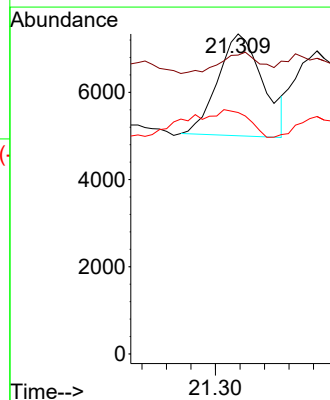
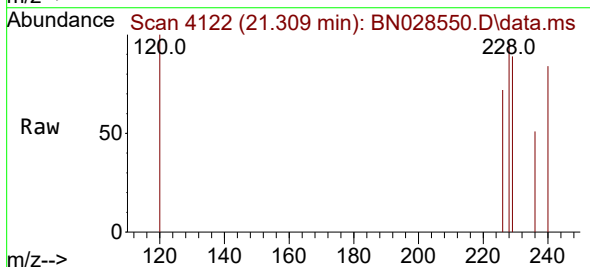
Tgt Ion:228 Resp: 2975

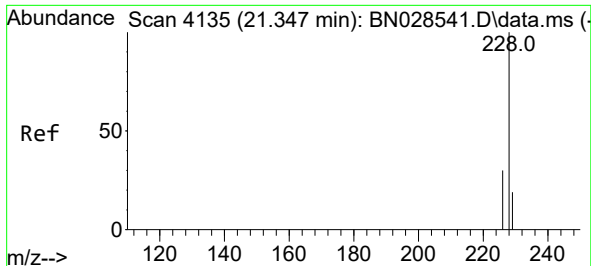
Ion Ratio Lower Upper

228 100

229 93.4 15.7 23.5#

226 75.5 21.4 32.0#





#22

Chrysene

Concen: 0.039 ng/ul

RT: 21.359 min Scan# 4135

Delta R.T. 0.003 min

Lab File: BN028550.D

Acq: 10 Nov 2023 10:45

Instrument :

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BHEH4

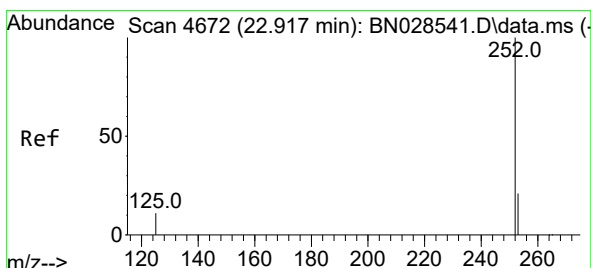
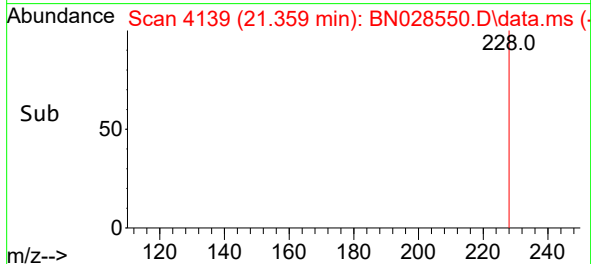
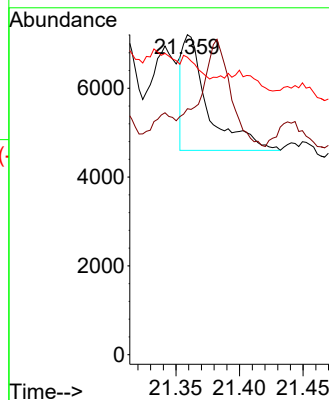
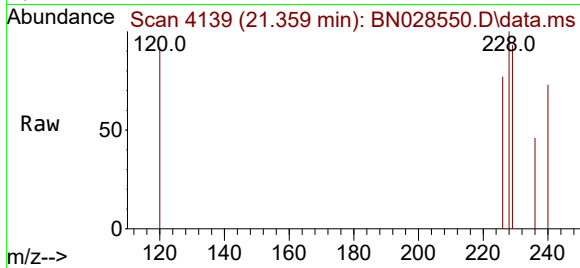
Tgt Ion:228 Resp: 3582

Ion Ratio Lower Upper

228 100

226 76.8 23.8 35.8#

229 93.0 15.4 23.2#



#24

Benzo(b)fluoranthene

Concen: 0.048 ng/ul

RT: 22.931 min Scan# 4677

Delta R.T. 0.003 min

Lab File: BN028550.D

Acq: 10 Nov 2023 10:45

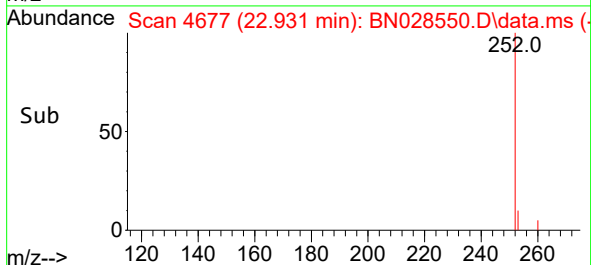
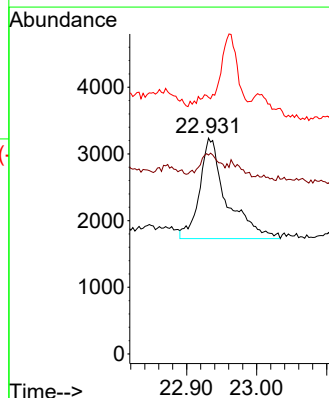
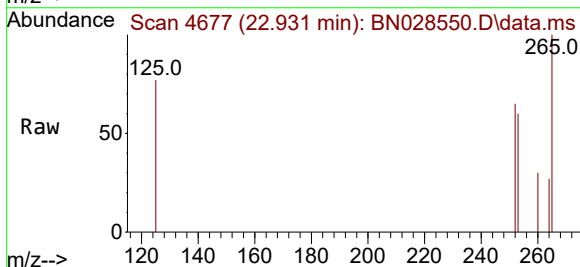
Tgt Ion:252 Resp: 4064

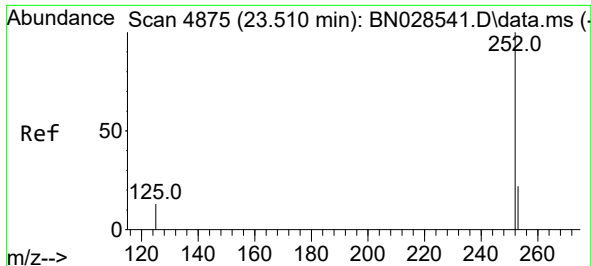
Ion Ratio Lower Upper

252 100

253 92.2 0.0 46.6#

125 118.9 0.0 27.6#

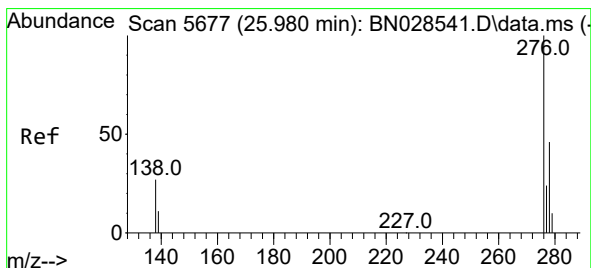
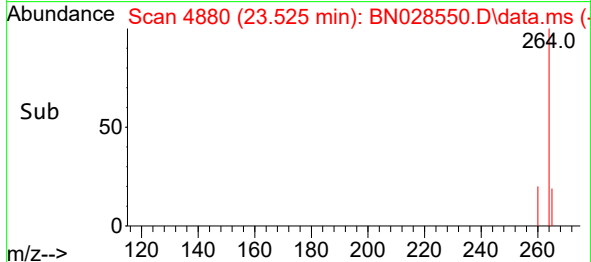
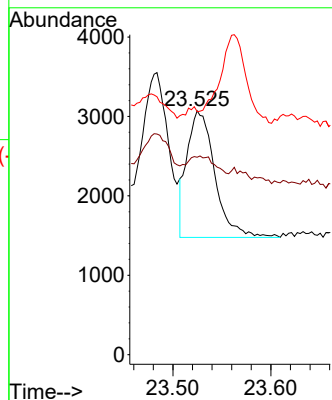
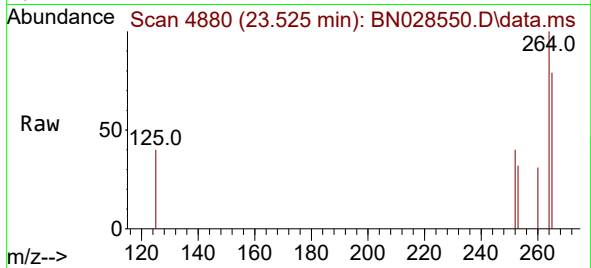




#26
Benzo(a)pyrene
Concen: 0.039 ng/ul
RT: 23.525 min Scan# 4875
Delta R.T. 0.000 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45

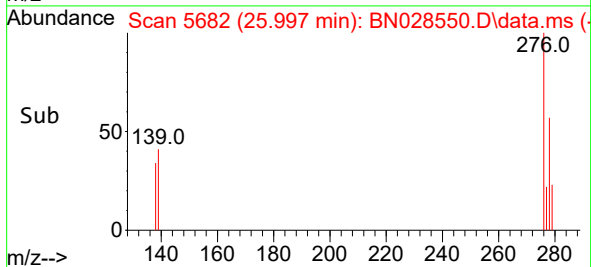
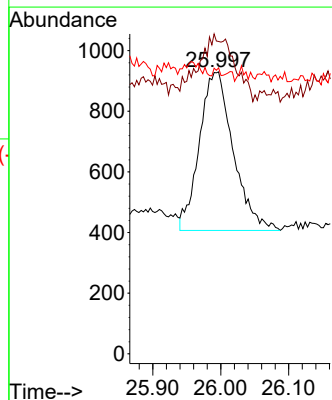
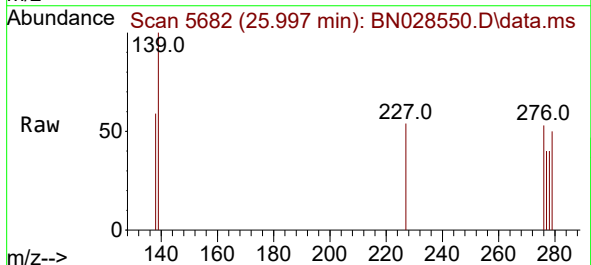
Instrument :
BNA_N
ClientSampleId :
BHEH4

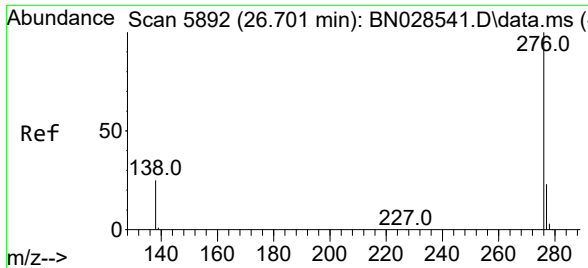
Tgt Ion:252 Resp: 3124
Ion Ratio Lower Upper
252 100
253 81.0 19.0 28.6#
125 99.7 13.2 19.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 25.997 min Scan# 5682
Delta R.T. 0.003 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45

Tgt Ion:276 Resp: 1809
Ion Ratio Lower Upper
276 100
138 44.9 23.8 35.6#
227 0.8 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.052 ng/ul
RT: 26.718 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45

Instrument :
BNA_N
ClientSampleId :
BHEH4

Tgt Ion:276 Resp: 3737
Ion Ratio Lower Upper
276 100
138 68.1 20.5 30.7#
277 50.3 19.4 29.0#

