

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026460.D
 Acq On : 11 Jul 2023 13:27
 Operator : MA/JU
 Sample : 03477-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 12 02:11:56 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

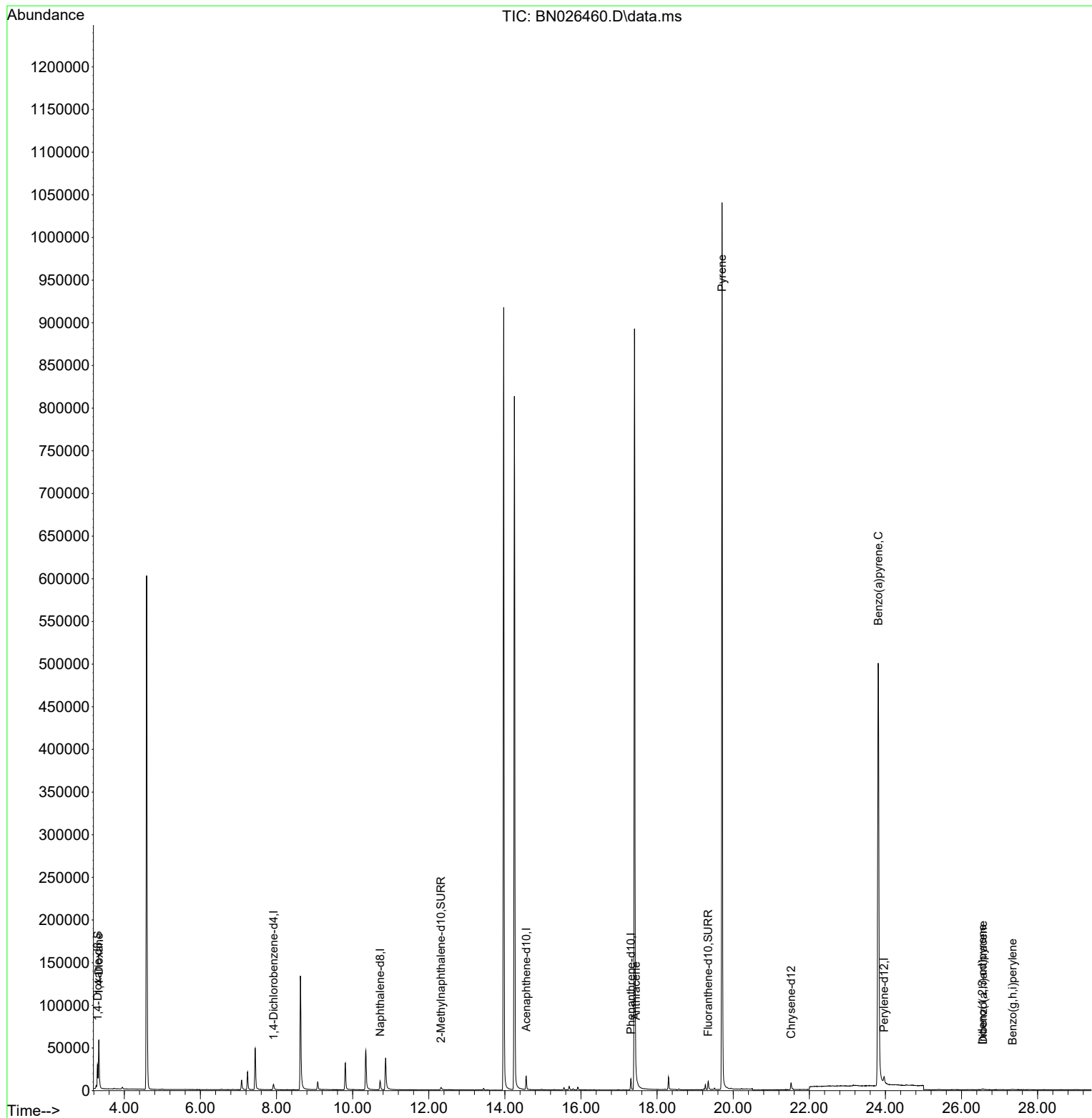
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	4519	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.721	136	15955	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.561	164	9102	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	16331	0.400	ng/ul	-0.01
17) Chrysene-d12	21.520	240	9359	0.400	ng/ul	# 0.00
23) Perylene-d12	23.964	264	12355	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	18998	3.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	5755	0.235	ng/ul	-0.01
18) Fluoranthene-d10	19.345	212	11909	0.334	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	42461	7.858	ng/ul#	80
16) Anthracene	17.444	178	2230	0.047	ng/ul#	79
20) Pyrene	19.707	202	2492	0.048	ng/ul#	1
26) Benzo(a)pyrene	23.815	252	3886	0.085	ng/ul#	9
27) Indeno(1,2,3-cd)pyrene	26.547	276	1281	0.026	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.567	278	1015	0.027	ng/ul#	1
29) Benzo(g,h,i)perylene	27.342	276	1205	0.027	ng/ul#	35

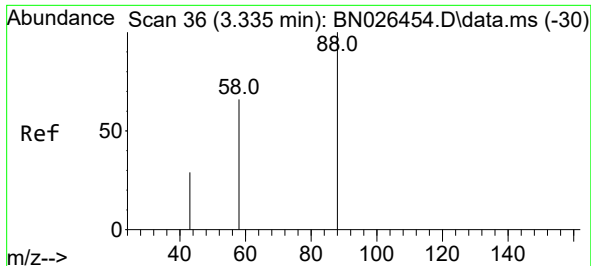
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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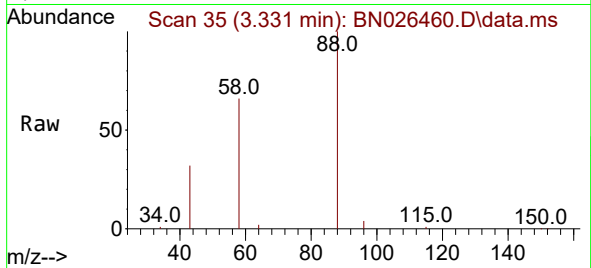
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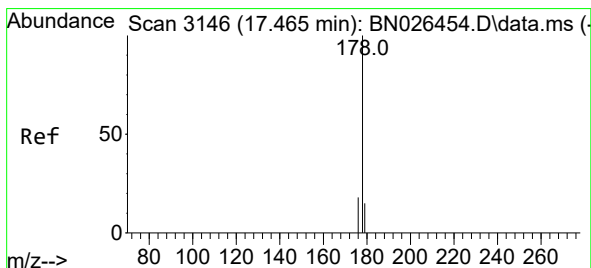
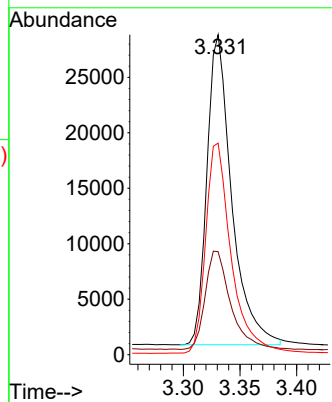
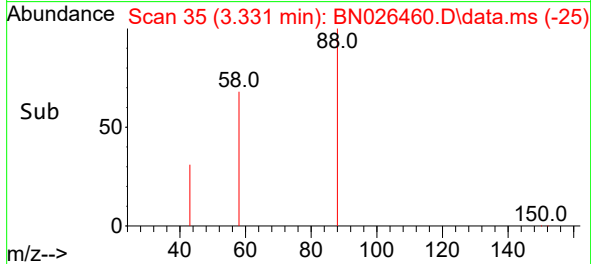


#2
 1,4-Dioxane
 Concen: 7.858 ng/ul
 RT: 3.331 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BN026460.D
 Acq: 11 Jul 2023 13:27

Instrument :
 BNA_N
 ClientSampleId :

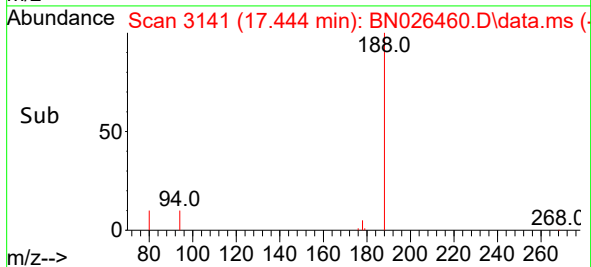
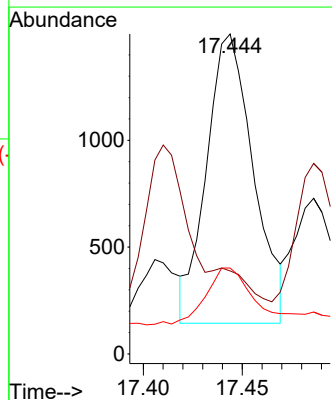
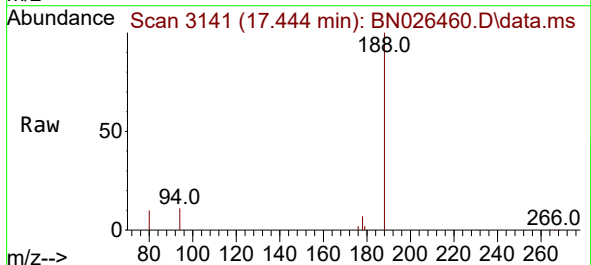


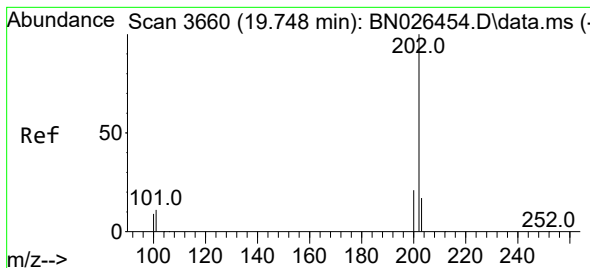
Tgt Ion: 88 Resp: 42461
 Ion Ratio Lower Upper
 88 100
 43 32.2 29.5 44.3
 58 66.1 37.4 56.2#



#16
 Anthracene
 Concen: 0.047 ng/ul
 RT: 17.444 min Scan# 3141
 Delta R.T. -0.021 min
 Lab File: BN026460.D
 Acq: 11 Jul 2023 13:27

Tgt Ion:178 Resp: 2230
 Ion Ratio Lower Upper
 178 100
 179 26.0 12.6 18.8#
 176 26.8 15.1 22.7#





#20

Pyrene

Concen: 0.048 ng/ul

RT: 19.707 min Scan# 3

Delta R.T. -0.042 min

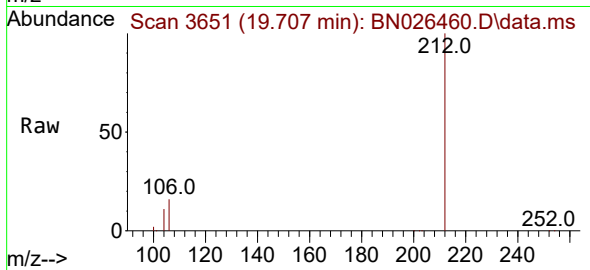
Lab File: BN026460.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_N

ClientSampleId :



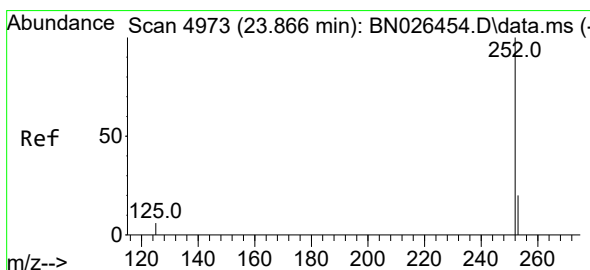
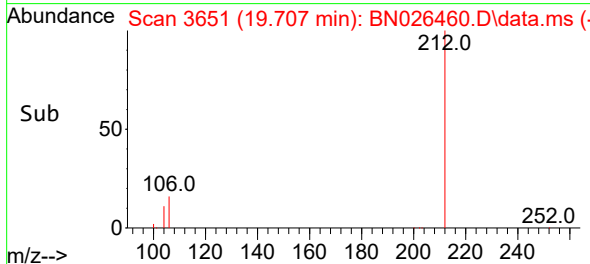
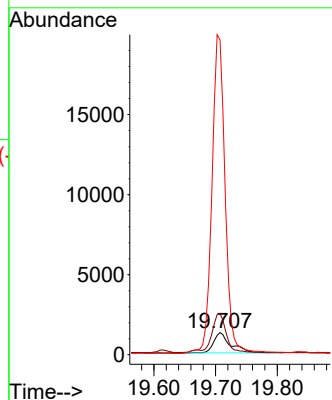
Tgt Ion:202 Resp: 2492

Ion Ratio Lower Upper

202 100

101 187.0 11.4 17.0#

100 1423.9 9.1 13.7#



#26

Benzo(a)pyrene

Concen: 0.085 ng/ul

RT: 23.815 min Scan# 4955

Delta R.T. -0.056 min

Lab File: BN026460.D

Acq: 11 Jul 2023 13:27

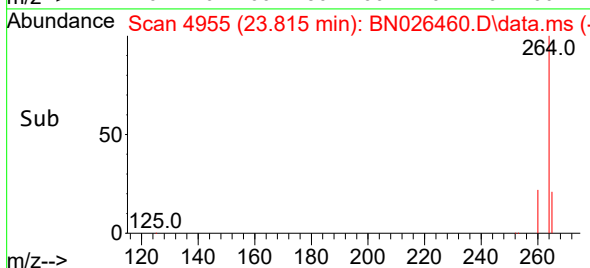
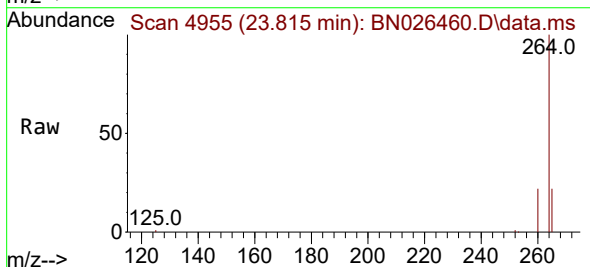
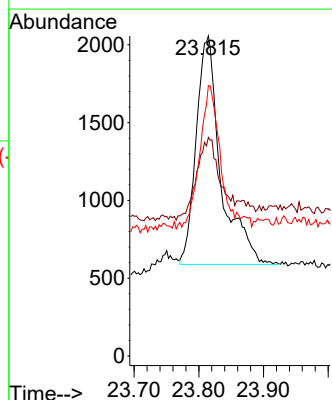
Tgt Ion:252 Resp: 3886

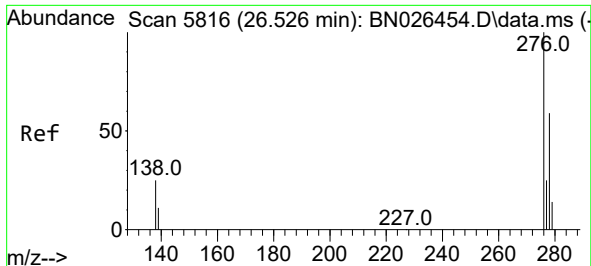
Ion Ratio Lower Upper

252 100

253 68.3 26.0 39.0#

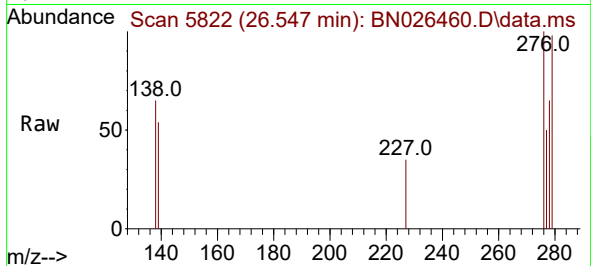
125 84.4 17.3 25.9#



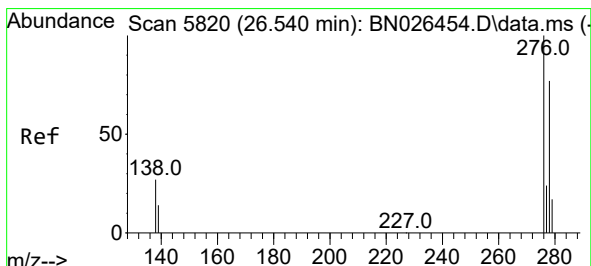
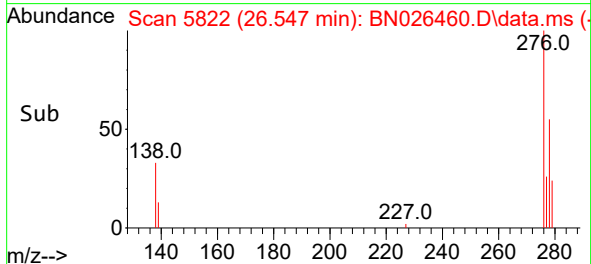
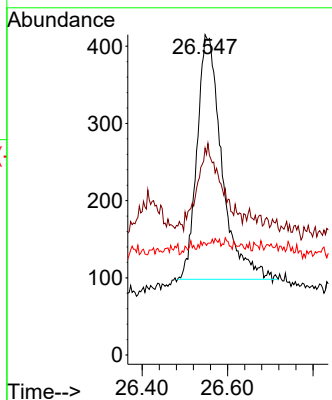


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.026 ng/ul
 RT: 26.547 min Scan# 5822
 Delta R.T. 0.007 min
 Lab File: BN026460.D
 Acq: 11 Jul 2023 13:27

Instrument :
 BNA_N
 ClientSampleId :

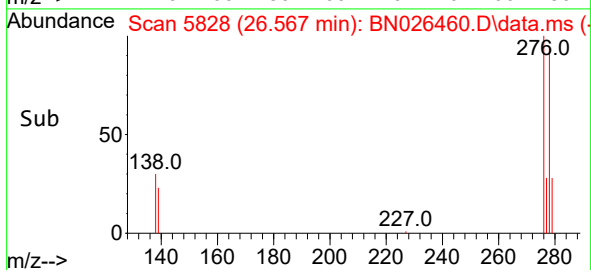
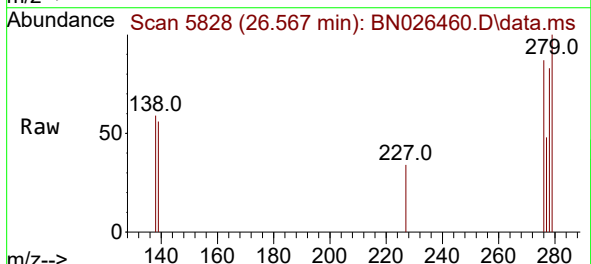
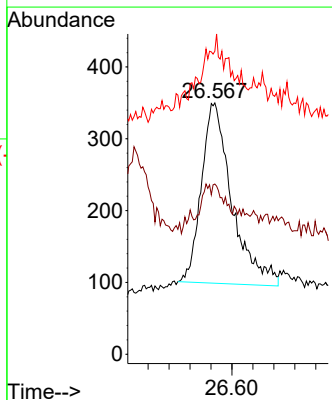


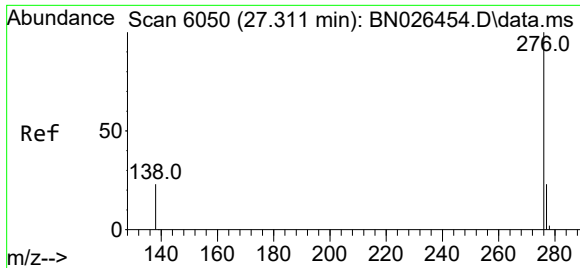
Tgt Ion:276 Resp: 1281
 Ion Ratio Lower Upper
 276 100
 138 32.3 24.5 36.7
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.027 ng/ul
 RT: 26.567 min Scan# 5828
 Delta R.T. 0.007 min
 Lab File: BN026460.D
 Acq: 11 Jul 2023 13:27

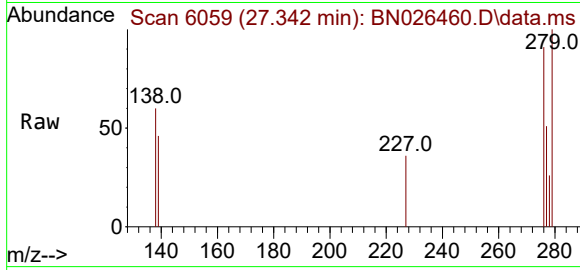
Tgt Ion:278 Resp: 1015
 Ion Ratio Lower Upper
 278 100
 139 67.7 19.0 28.4#
 279 120.6 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.027 ng/ul
 RT: 27.342 min Scan# 6059
 Delta R.T. 0.007 min
 Lab File: BN026460.D
 Acq: 11 Jul 2023 13:27

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	1205
Ion	Ratio	Lower	Upper
276	100		
138	65.9	23.4	35.0#
277	55.7	20.0	30.0#

