

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026469.D
 Acq On : 11 Jul 2023 19:00
 Operator : MA/JU
 Sample : 03414-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 12 02:13:13 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

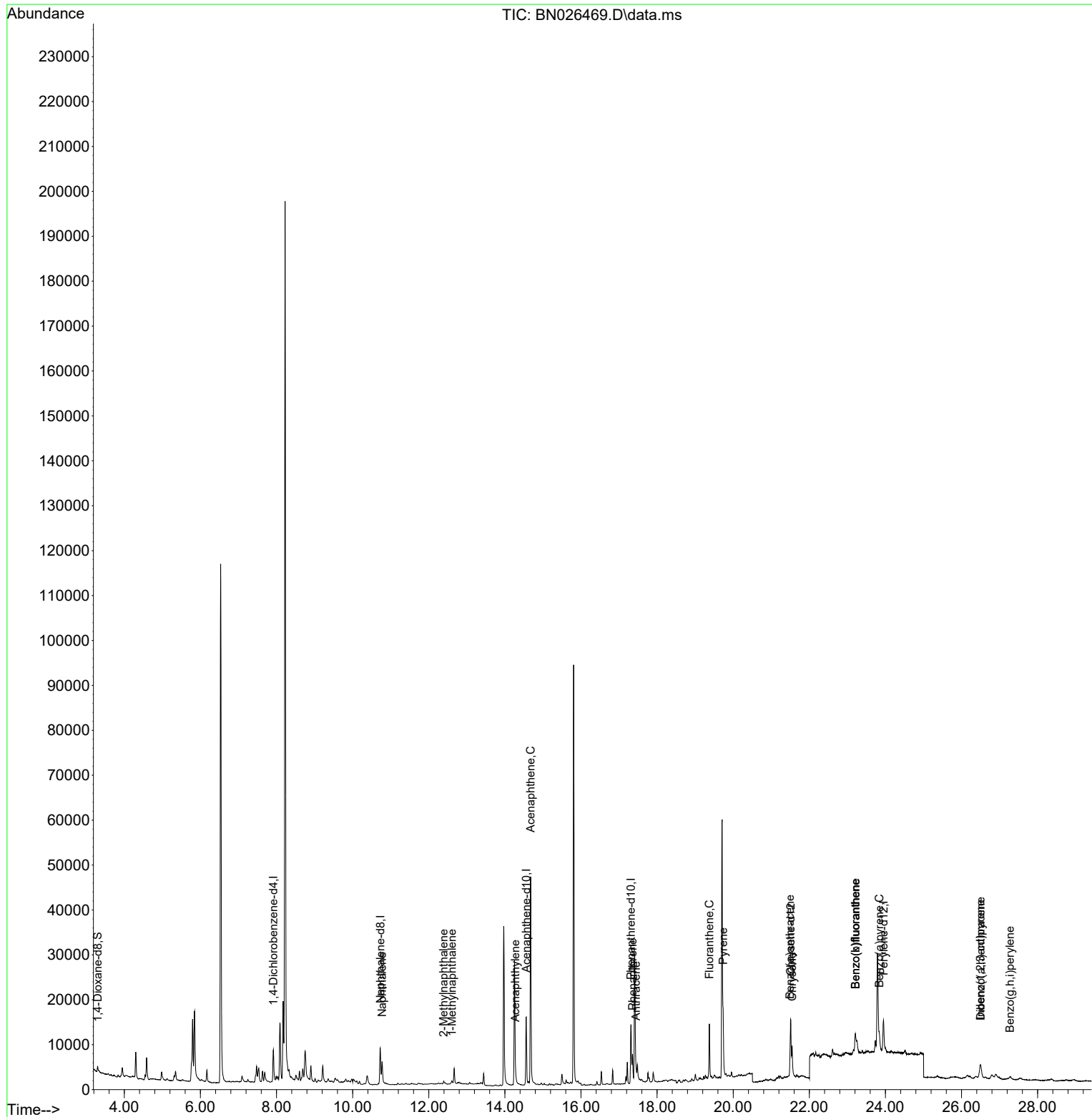
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	4464	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.726	136	14020	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.562	164	9378	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	19446	0.400	ng/ul	-0.01
17) Chrysene-d12	21.512	240	10759	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	11048	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	961	0.191	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	338	0.016	ng/ul	-0.01
18) Fluoranthene-d10	19.341	212	702	0.017	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	8197	0.204	ng/ul	97
7) 2-Methylnaphthalene	12.392	142	709	0.028	ng/ul	98
8) 1-Methylnaphthalene	12.607	142	609	0.023	ng/ul	89
10) Acenaphthylene	14.279	152	950	0.022	ng/ul#	43
11) Acenaphthene	14.677	153	16876	0.470	ng/ul#	1
15) Phenanthrene	17.356	178	7454	0.116	ng/ul#	93
16) Anthracene	17.445	178	1294	0.023	ng/ul#	61
19) Fluoranthene	19.373	202	12206	0.212	ng/ul	99
20) Pyrene	19.736	202	12235	0.205	ng/ul	98
21) Benzo(a)anthracene	21.495	228	6740	0.152	ng/ul#	78
22) Chrysene	21.547	228	7188	0.156	ng/ul#	82
24) Benzo(b)fluoranthene	23.210	252	12153	0.258	ng/ul#	46
25) Benzo(k)fluoranthene	23.210	252	9796	0.207	ng/ul#	49
26) Benzo(a)pyrene	23.839	252	5409	0.132	ng/ul#	38
27) Indeno(1,2,3-cd)pyrene	26.495	276	6535	0.146	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.501	278	1785	0.053	ng/ul#	1
29) Benzo(g,h,i)perylene	27.276	276	1907	0.048	ng/ul#	21

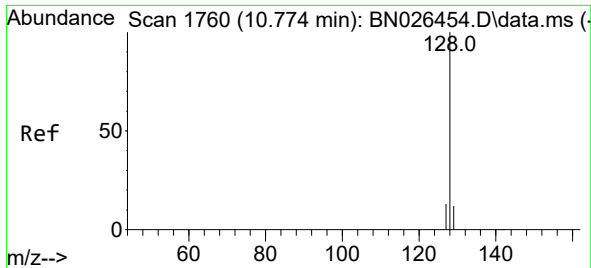
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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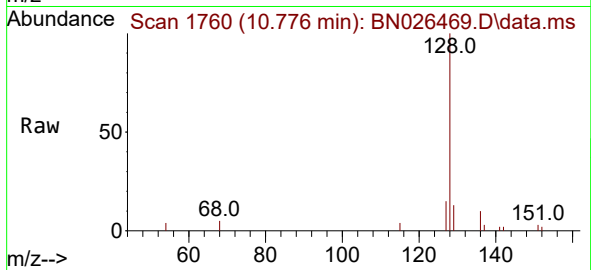
Quant Time: Jul 12 02:13:13 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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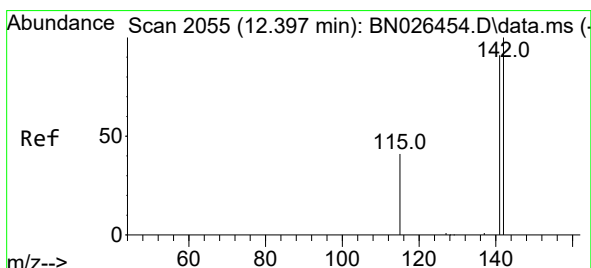
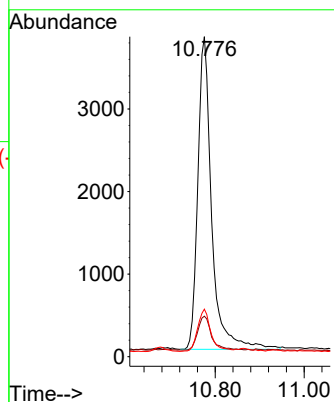
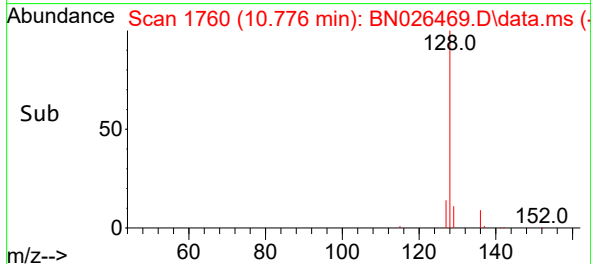


#5
Naphthalene
Concen: 0.204 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. -0.011 min
Lab File: BN026469.D
Acq: 11 Jul 2023 19:00

Instrument :
BNA_N
ClientSampleId :

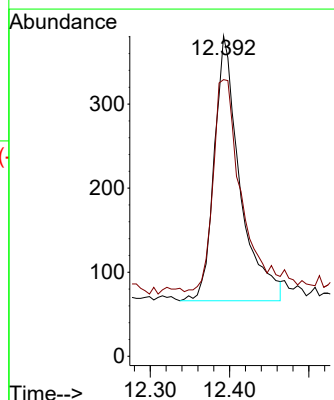
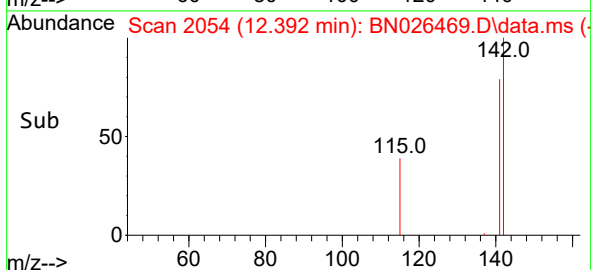
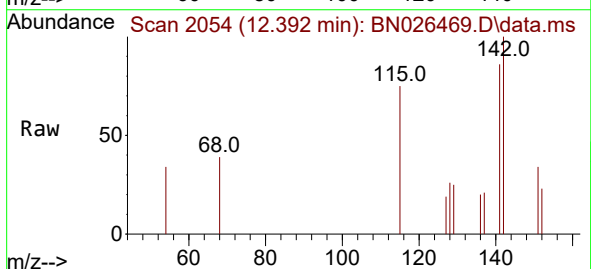


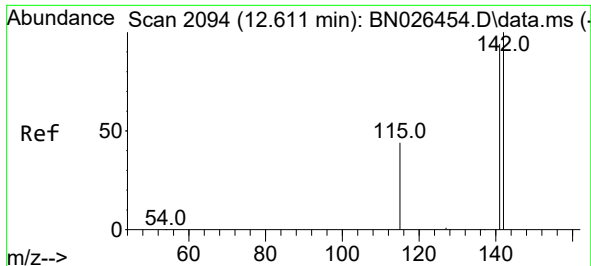
Tgt Ion:128 Resp: 8197
Ion Ratio Lower Upper
128 100
129 12.7 9.1 13.7
127 14.8 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN026469.D
Acq: 11 Jul 2023 19:00

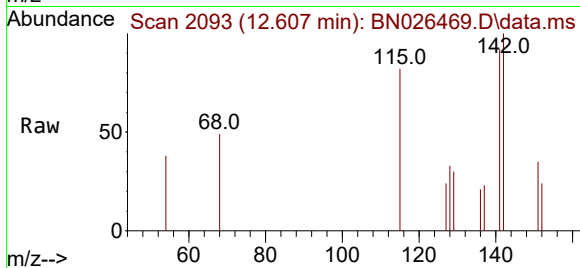
Tgt Ion:142 Resp: 709
Ion Ratio Lower Upper
142 100
141 87.7 71.9 107.9



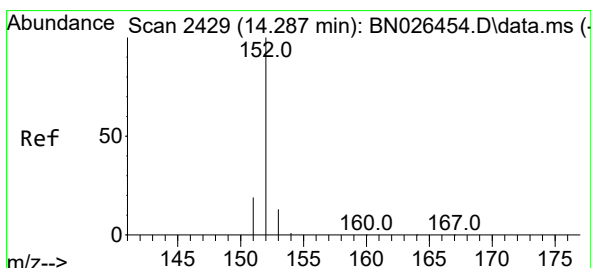
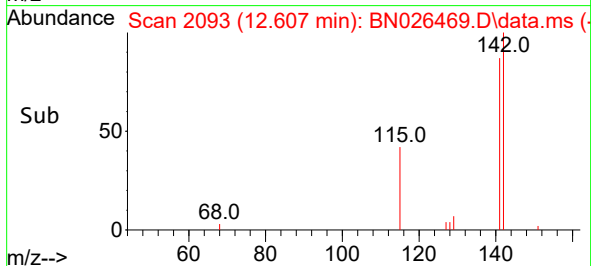
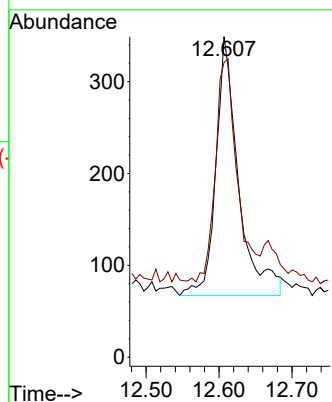


#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. -0.011 min
Lab File: BN026469.D
Acq: 11 Jul 2023 19:00

Instrument :
BNA_N
ClientSampleId :

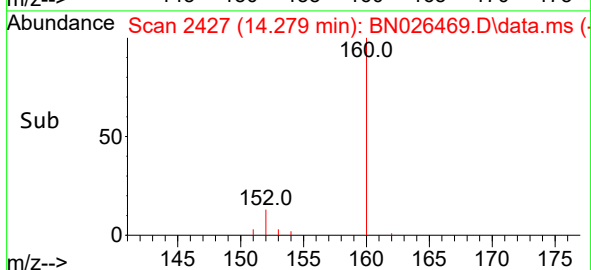
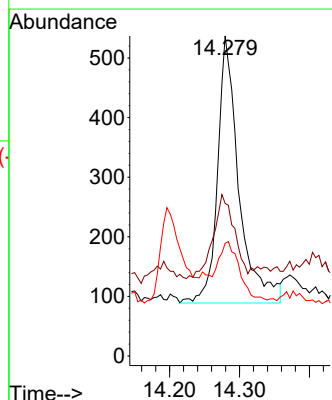
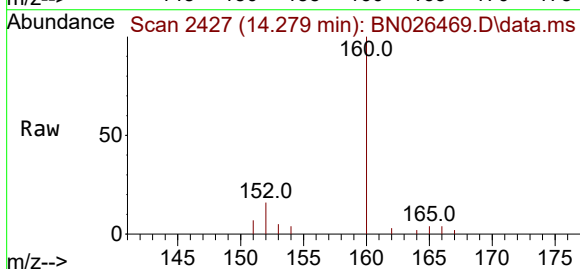


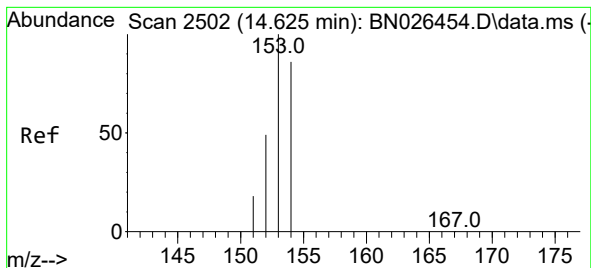
Tgt Ion:142 Resp: 609
Ion Ratio Lower Upper
142 100
141 82.1 74.2 111.4



#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.013 min
Lab File: BN026469.D
Acq: 11 Jul 2023 19:00

Tgt Ion:152 Resp: 950
Ion Ratio Lower Upper
152 100
151 47.7 16.2 24.4#
153 35.2 10.9 16.3#





#11

Acenaphthene

Concen: 0.470 ng/ul

RT: 14.677 min Scan# 21

Delta R.T. 0.047 min

Lab File: BN026469.D

Acq: 11 Jul 2023 19:00

Instrument :

BNA_N

ClientSampleId :

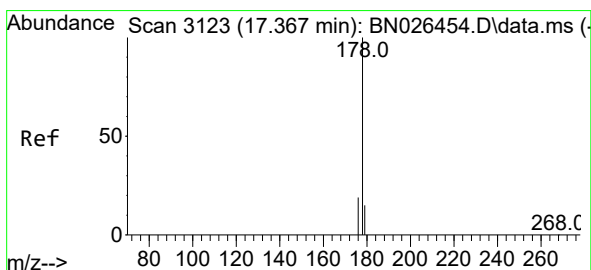
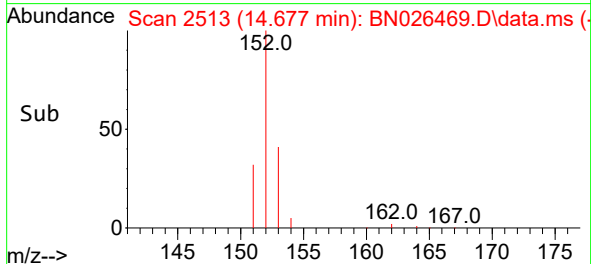
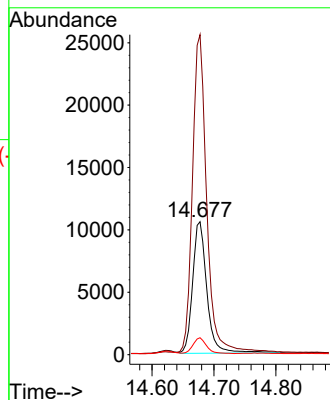
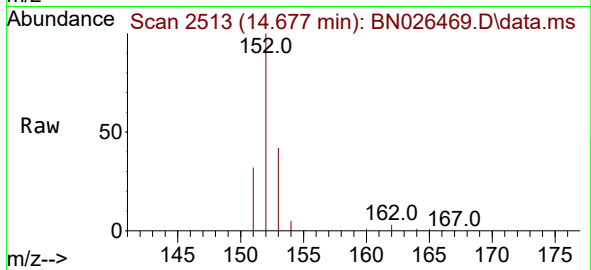
Tgt Ion:153 Resp: 16876

Ion Ratio Lower Upper

153 100

152 240.7 39.4 59.0#

154 12.7 68.9 103.3#



#15

Phenanthrene

Concen: 0.116 ng/ul

RT: 17.356 min Scan# 3120

Delta R.T. -0.012 min

Lab File: BN026469.D

Acq: 11 Jul 2023 19:00

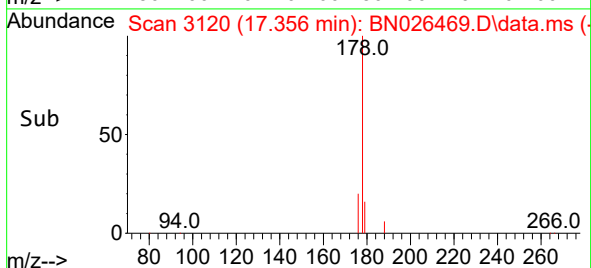
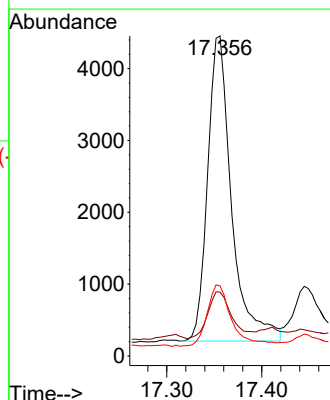
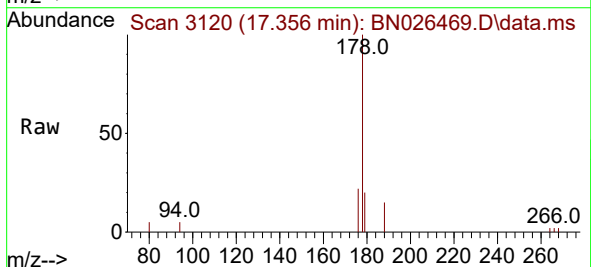
Tgt Ion:178 Resp: 7454

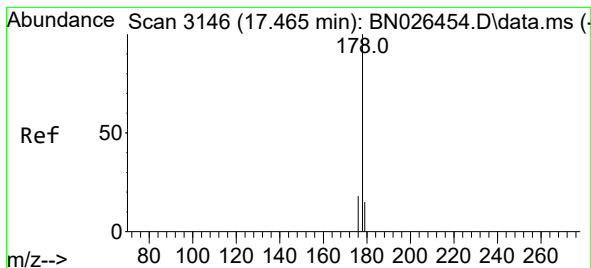
Ion Ratio Lower Upper

178 100

179 20.0 12.6 19.0#

176 21.9 15.8 23.6





#16

Anthracene

Concen: 0.023 ng/ul

RT: 17.445 min Scan# 3146

Delta R.T. -0.020 min

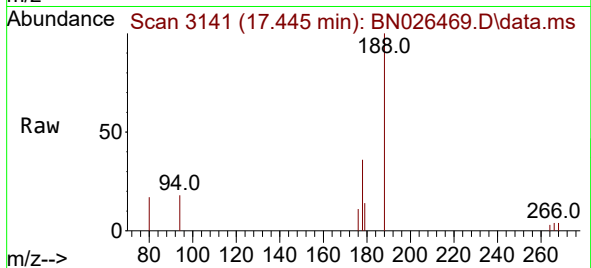
Lab File: BN026469.D

Acq: 11 Jul 2023 19:00

Instrument :

BNA_N

ClientSampleId :



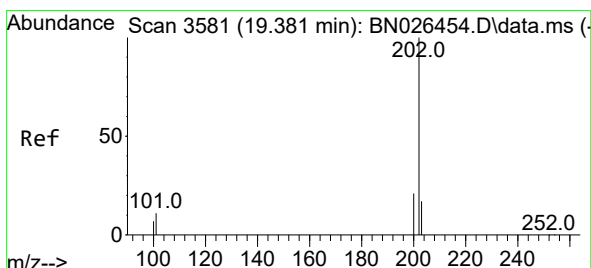
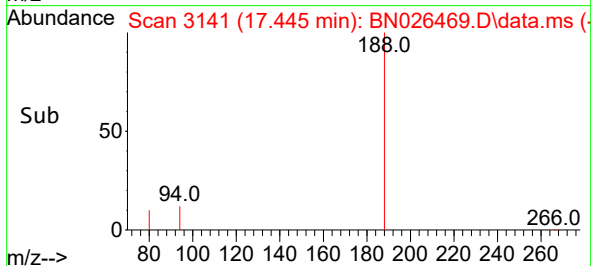
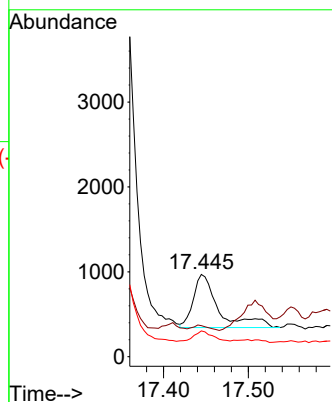
Tgt Ion:178 Resp: 1294

Ion Ratio Lower Upper

178 100

179 37.7 12.6 18.8#

176 31.4 15.1 22.7#



#19

Fluoranthene

Concen: 0.212 ng/ul

RT: 19.373 min Scan# 3579

Delta R.T. -0.013 min

Lab File: BN026469.D

Acq: 11 Jul 2023 19:00

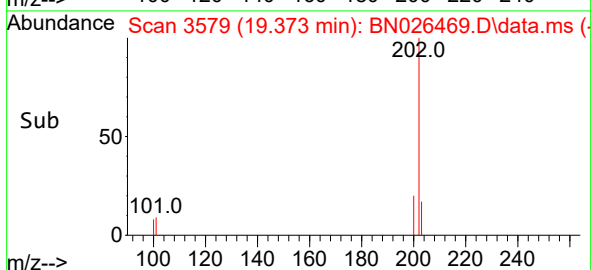
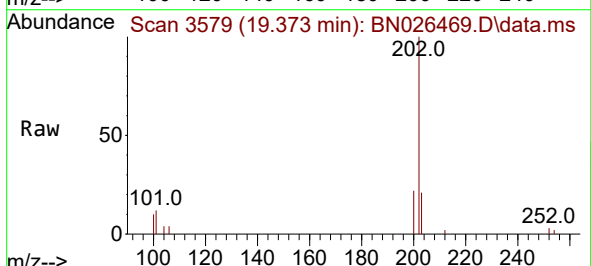
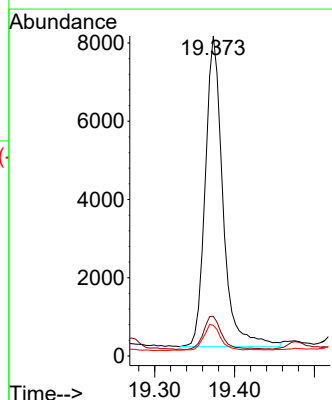
Tgt Ion:202 Resp: 12206

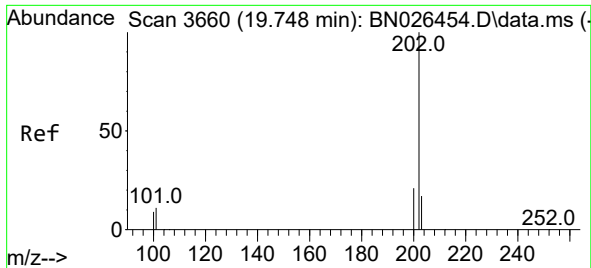
Ion Ratio Lower Upper

202 100

101 12.4 9.5 14.3

100 9.6 7.3 10.9

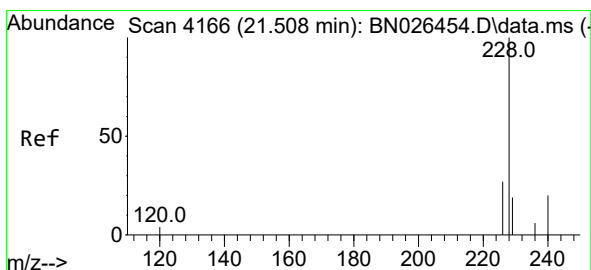
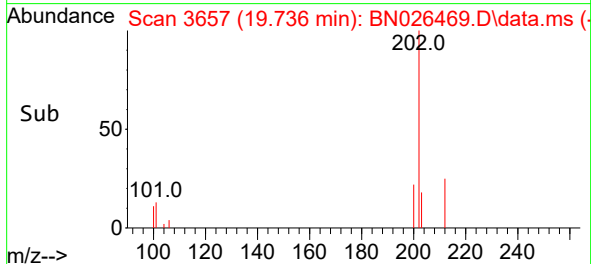
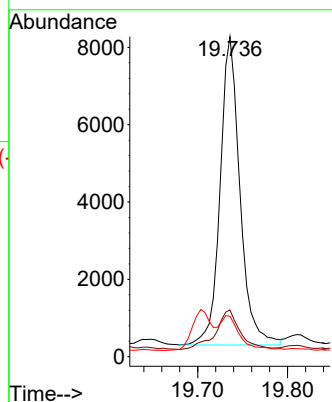
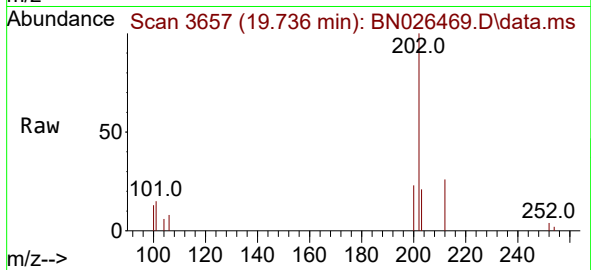




#20
Pyrene
Concen: 0.205 ng/ul
RT: 19.736 min Scan# 3657
Delta R.T. -0.013 min
Lab File: BN026469.D
Acq: 11 Jul 2023 19:00

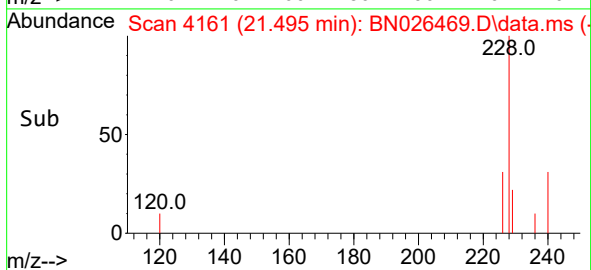
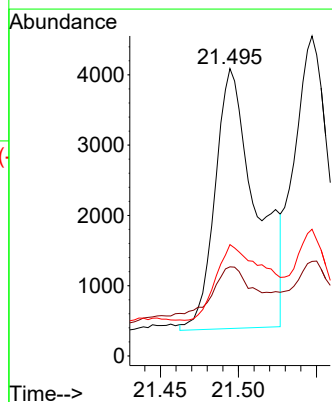
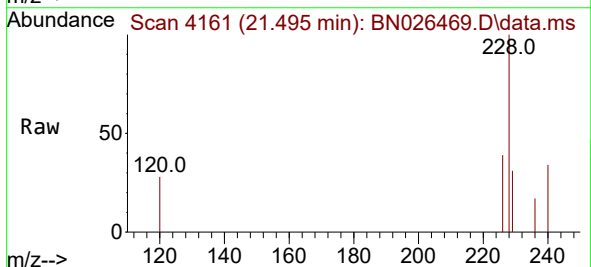
Instrument :
BNA_N
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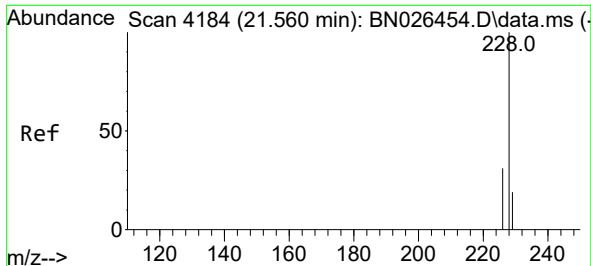
Tgt Ion:202 Resp: 12235
Ion Ratio Lower Upper
202 100
101 14.6 11.4 17.0
100 12.6 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.152 ng/ul
RT: 21.495 min Scan# 4161
Delta R.T. -0.005 min
Lab File: BN026469.D
Acq: 11 Jul 2023 19:00

Tgt Ion:228 Resp: 6740
Ion Ratio Lower Upper
228 100
229 31.0 15.8 23.6#
226 38.7 22.5 33.7#





#22

Chrysene

Concen: 0.156 ng/ul

RT: 21.547 min Scan# 4184

Delta R.T. -0.005 min

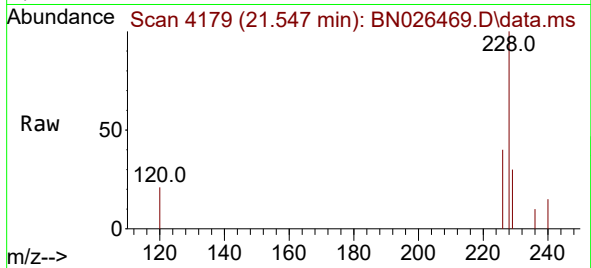
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Acq: 11 Jul 2023 19:00

Instrument :

BNA_N

ClientSampleId :



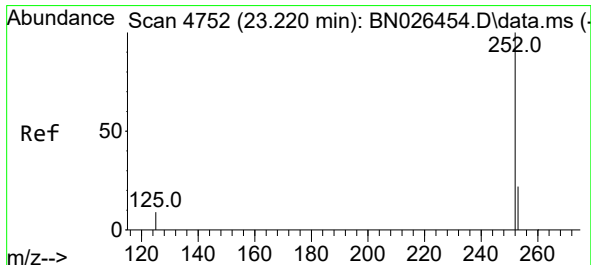
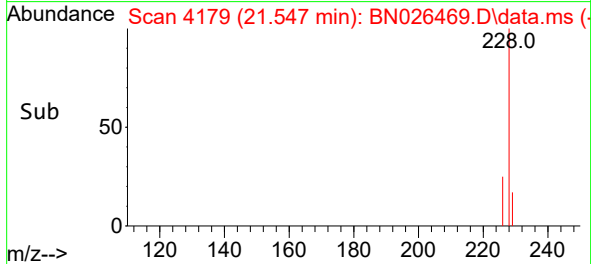
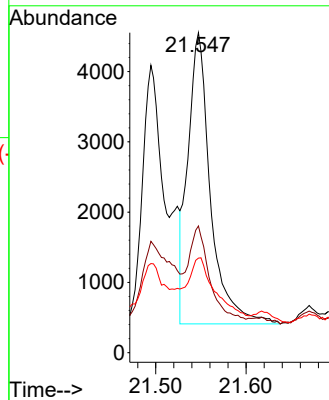
Tgt Ion:228 Resp: 7188

Ion Ratio Lower Upper

228 100

226 39.6 24.8 37.2#

229 29.5 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.258 ng/ul

RT: 23.210 min Scan# 4748

Delta R.T. -0.008 min

Lab File: BN026469.D

Acq: 11 Jul 2023 19:00

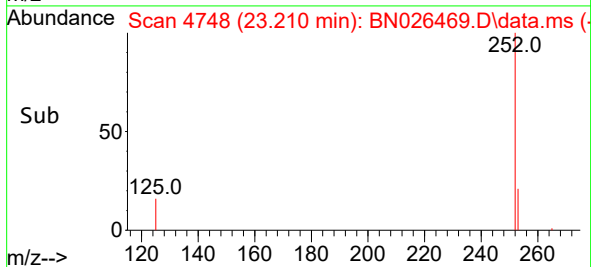
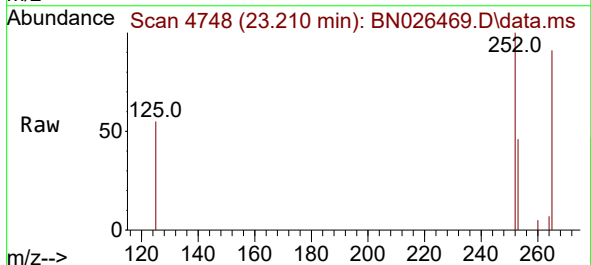
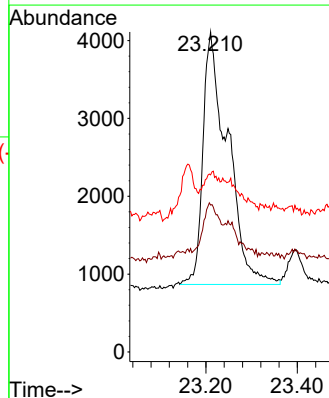
Tgt Ion:252 Resp: 12153

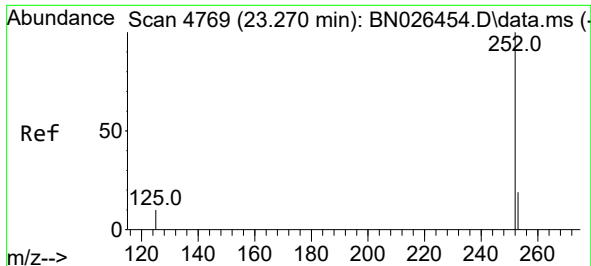
Ion Ratio Lower Upper

252 100

253 45.9 0.0 55.6

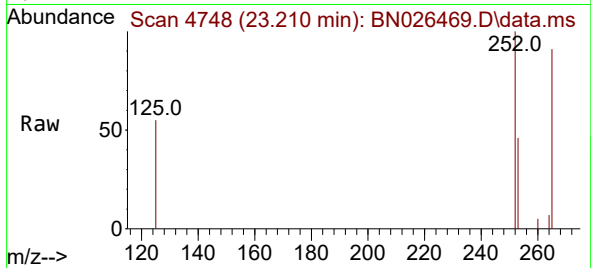
125 55.4 0.0 35.8#



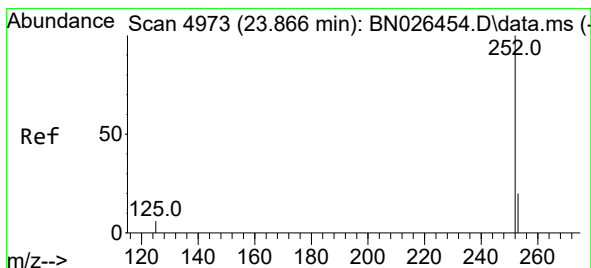
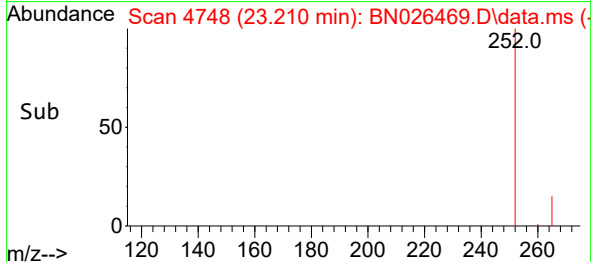
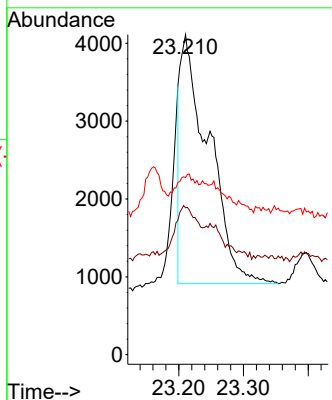


#25
Benzo(k)fluoranthene
Concen: 0.207 ng/ul
RT: 23.210 min Scan# 4769
Delta R.T. -0.052 min
Lab File: BN026469.D
Acq: 11 Jul 2023 19:00

Instrument :
BNA_N
ClientSampleId :

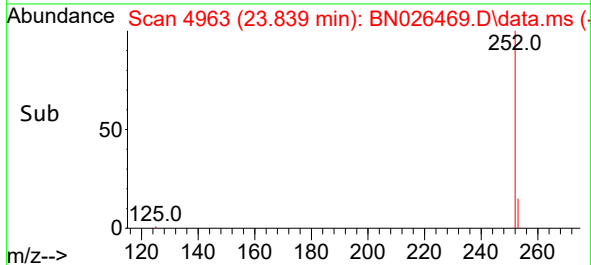
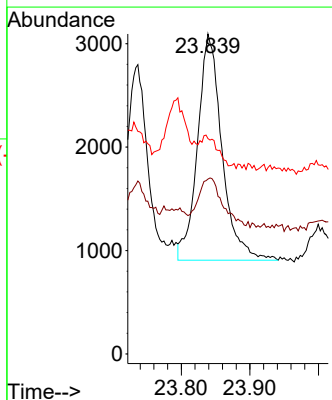
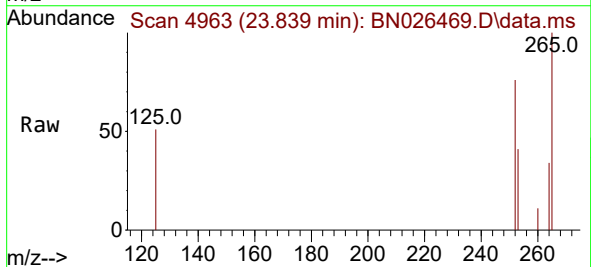


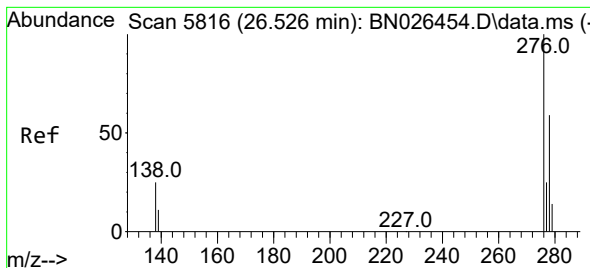
Tgt Ion:252 Resp: 9796
Ion Ratio Lower Upper
252 100
253 45.9 23.2 34.8#
125 55.4 15.0 22.4#



#26
Benzo(a)pyrene
Concen: 0.132 ng/ul
RT: 23.839 min Scan# 4963
Delta R.T. -0.031 min
Lab File: BN026469.D
Acq: 11 Jul 2023 19:00

Tgt Ion:252 Resp: 5409
Ion Ratio Lower Upper
252 100
253 54.7 26.0 39.0#
125 67.3 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.146 ng/ul

RT: 26.495 min Scan# 5806

Delta R.T. -0.046 min

Lab File: BN026469.D

Acq: 11 Jul 2023 19:00

Instrument :

BNA_N

ClientSampleId :

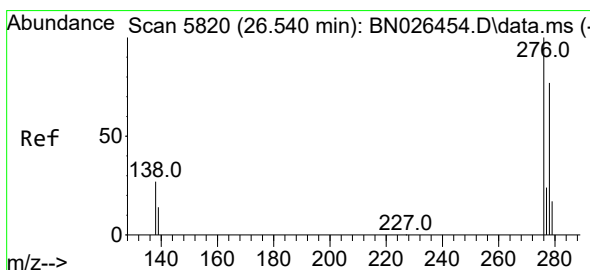
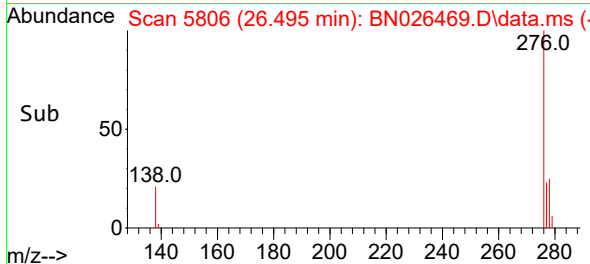
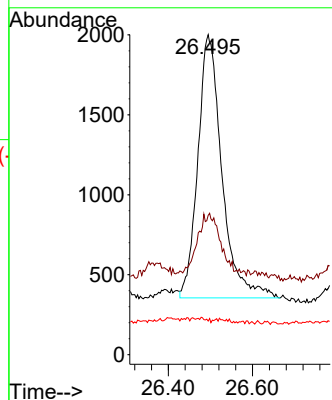
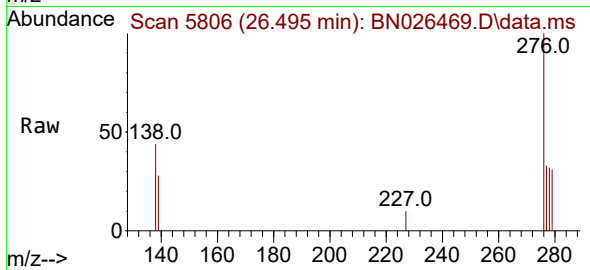
Tgt Ion:276 Resp: 6535

Ion Ratio Lower Upper

276 100

138 25.1 24.5 36.7

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.053 ng/ul

RT: 26.501 min Scan# 5808

Delta R.T. -0.060 min

Lab File: BN026469.D

Acq: 11 Jul 2023 19:00

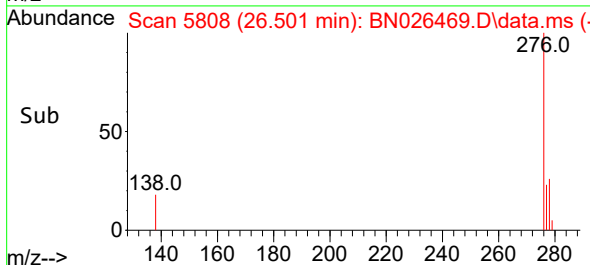
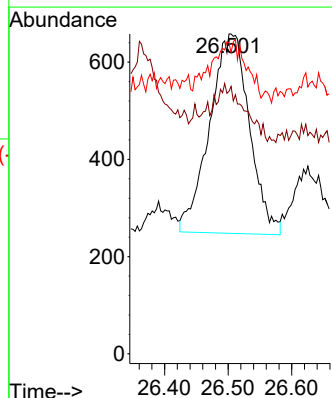
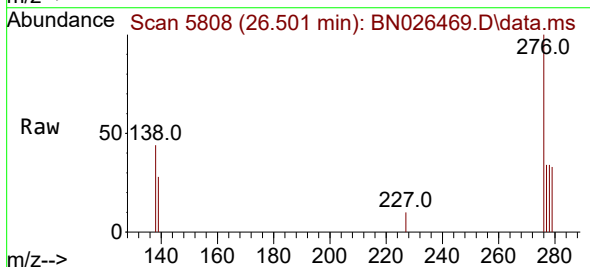
Tgt Ion:278 Resp: 1785

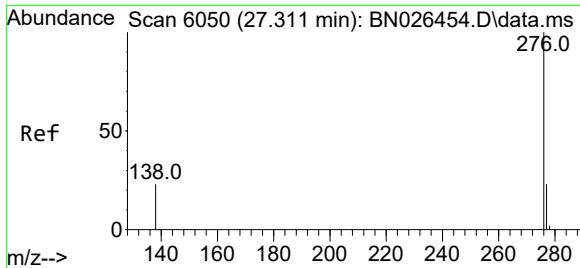
Ion Ratio Lower Upper

278 100

139 82.1 19.0 28.4#

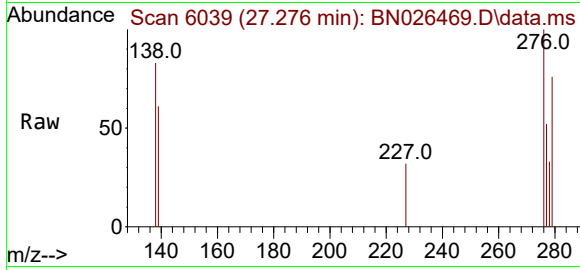
279 97.3 26.7 40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 27.276 min Scan# 60
Delta R.T. -0.060 min
Lab File: BN026469.D
Acq: 11 Jul 2023 19:00

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:276 Resp: 1907
Ion Ratio Lower Upper
276 100
138 82.8 23.4 35.0#
277 51.9 20.0 30.0#

