

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026686.D
 Acq On : 23 Jul 2023 21:23
 Operator : MA/JU
 Sample : 03472-33DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 24 00:43:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

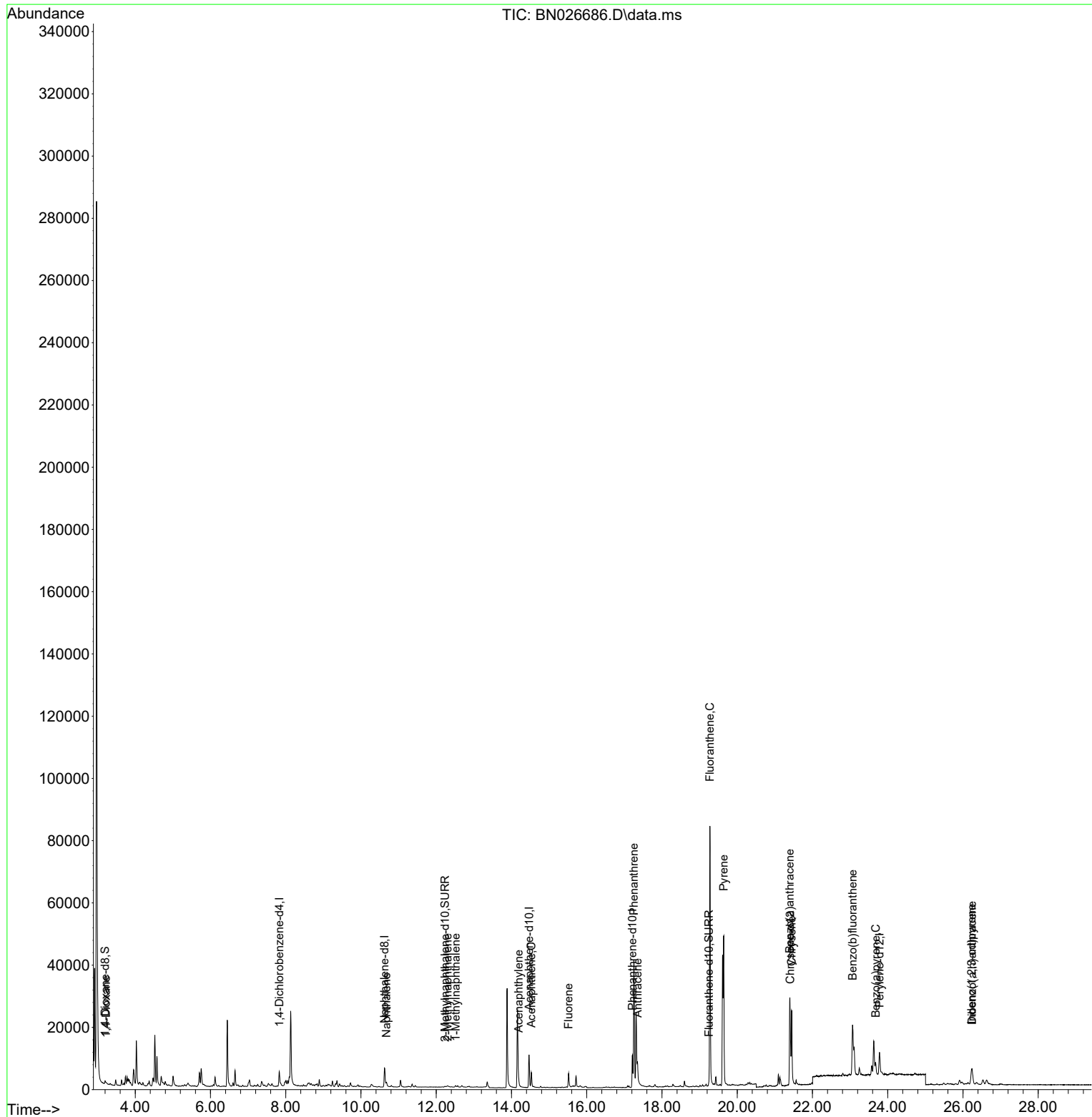
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	3176	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	11097	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.467	164	6505	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	14416	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	9673	0.400	ng/ul	# 0.00
23) Perylene-d12	23.784	264	10396	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	686	0.164	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	566	0.038	ng/ul	0.02
18) Fluoranthene-d10	19.246	212	1543	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.224	88	201	0.051	ng/ul#	1
5) Naphthalene	10.674	128	1991	0.065	ng/ul#	89
7) 2-Methylnaphthalene	12.302	142	471	0.027	ng/ul	96
8) 1-Methylnaphthalene	12.517	142	456	0.025	ng/ul	94
10) Acenaphthylene	14.189	152	2186	0.069	ng/ul#	91
11) Acenaphthene	14.527	153	3200	0.132	ng/ul	99
12) Fluorene	15.517	166	3512	0.138	ng/ul	97
15) Phenanthrene	17.253	178	48190	1.050	ng/ul	98
16) Anthracene	17.350	178	9178	0.230	ng/ul	98
19) Fluoranthene	19.274	202	79293	1.749	ng/ul	97
20) Pyrene	19.641	202	46987	0.954	ng/ul	97
21) Benzo(a)anthracene	21.396	228	26837	0.755	ng/ul	99
22) Chrysene	21.446	228	24489	0.605	ng/ul	97
24) Benzo(b)fluoranthene	23.065	252	41921	1.035	ng/ul	88
26) Benzo(a)pyrene	23.679	252	6066	0.168	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.230	276	9018	0.191	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.240	278	3428	0.095	ng/ul#	71

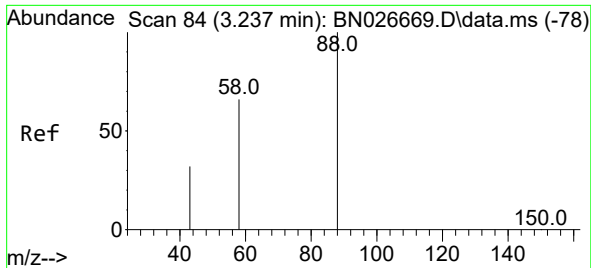
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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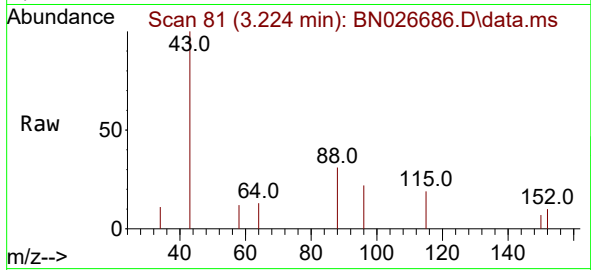
Quant Time: Jul 24 00:43:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration



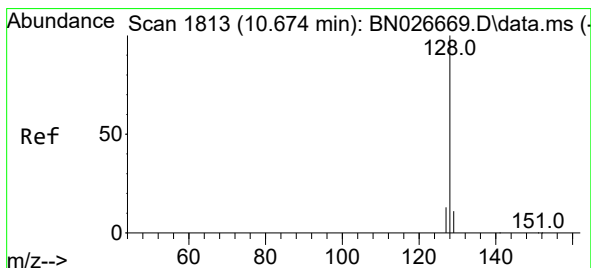
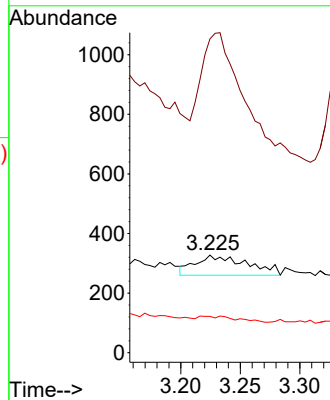
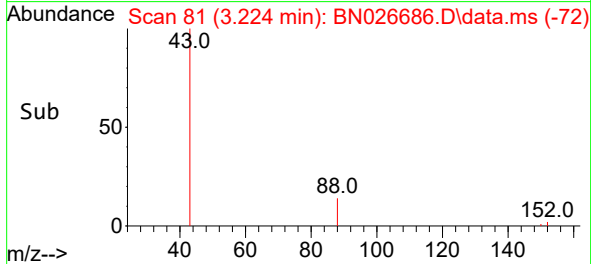


#2
1,4-Dioxane
Concen: 0.051 ng/ul
RT: 3.224 min Scan# 81
Delta R.T. -0.013 min
Lab File: BN026686.D
Acq: 23 Jul 2023 21:23

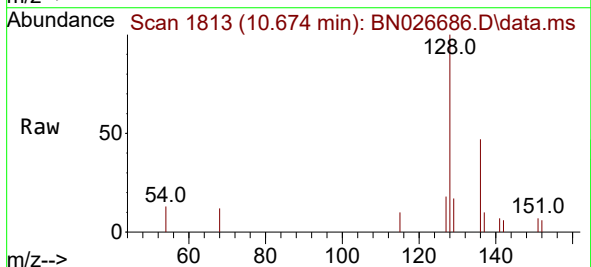
Instrument :
BNA_N
ClientSampleId :



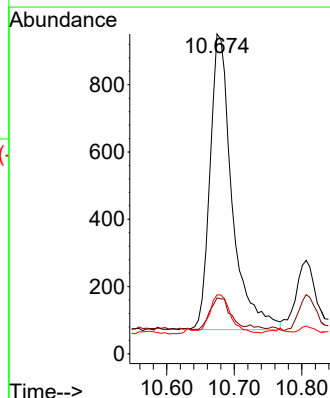
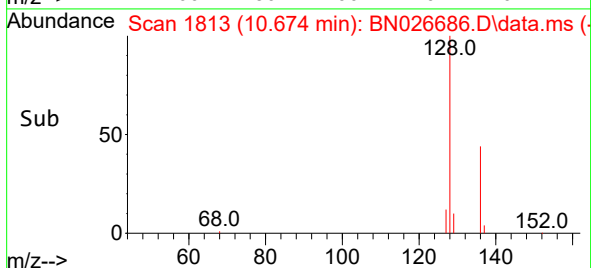
Tgt Ion: 88 Resp: 201
Ion Ratio Lower Upper
88 100
43 321.0 33.0 49.6#
58 37.2 41.7 62.5#

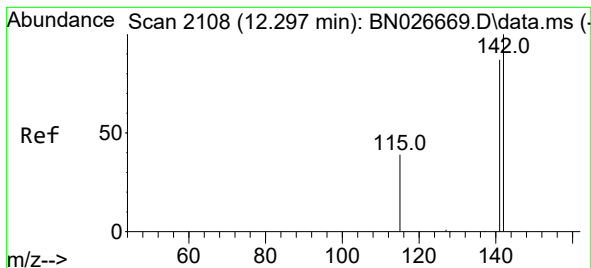


#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN026686.D
Acq: 23 Jul 2023 21:23



Tgt Ion: 128 Resp: 1991
Ion Ratio Lower Upper
128 100
129 17.5 10.2 15.2#
127 18.4 11.4 17.0#

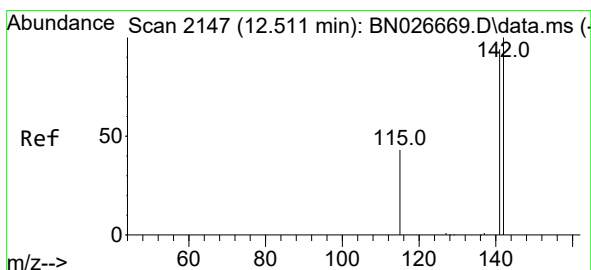
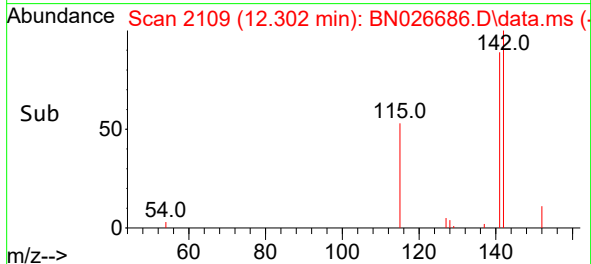
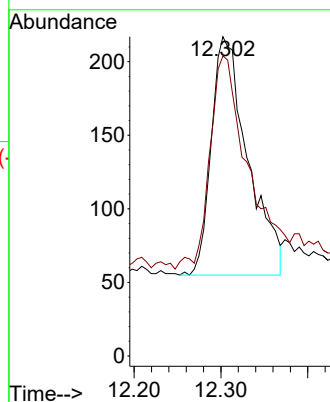
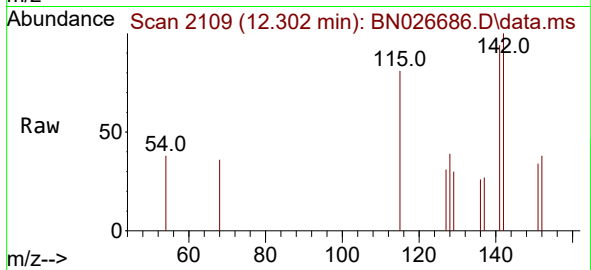




#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.302 min Scan# 2109
Delta R.T. 0.005 min
Lab File: BN026686.D
Acq: 23 Jul 2023 21:23

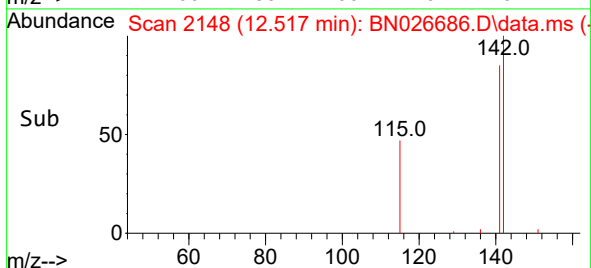
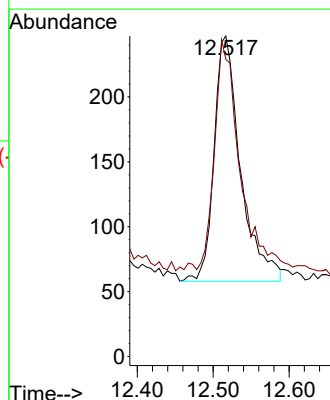
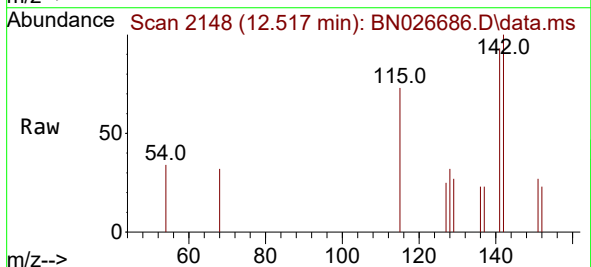
Instrument :
BNA_N
ClientSampleId :

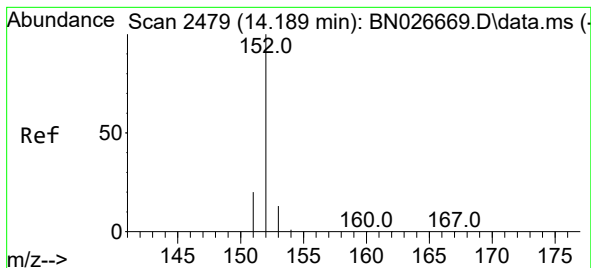
Tgt Ion:142 Resp: 471
Ion Ratio Lower Upper
142 100
141 94.1 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. 0.005 min
Lab File: BN026686.D
Acq: 23 Jul 2023 21:23

Tgt Ion:142 Resp: 456
Ion Ratio Lower Upper
142 100
141 87.5 74.5 111.7





#10

Acenaphthylene

Concen: 0.069 ng/ul

RT: 14.189 min Scan# 2479

Delta R.T. -0.000 min

Lab File: BN026686.D

Acq: 23 Jul 2023 21:23

Instrument :

BNA_N

ClientSampleId :

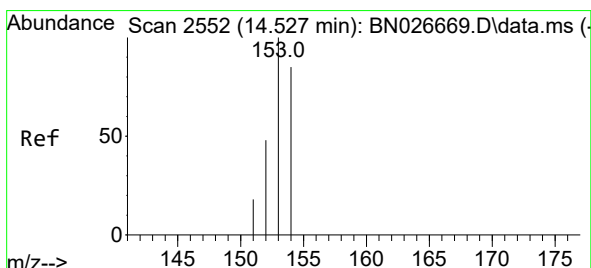
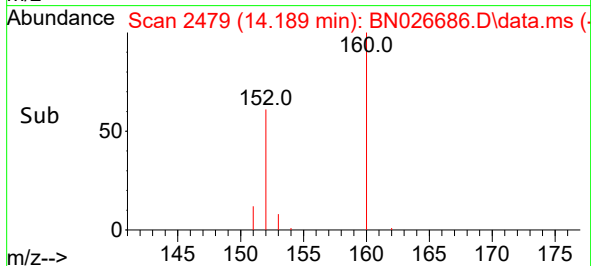
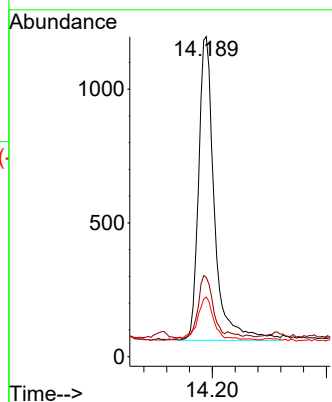
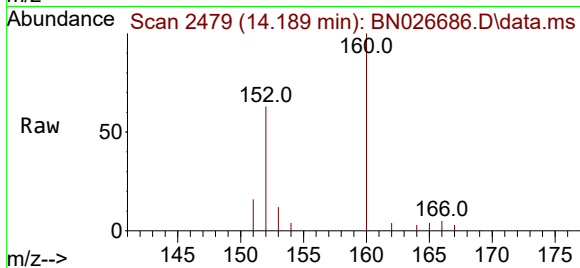
Tgt Ion:152 Resp: 2186

Ion Ratio Lower Upper

152 100

151 24.7 17.0 25.6

153 18.6 11.4 17.2#



#11

Acenaphthene

Concen: 0.132 ng/ul

RT: 14.527 min Scan# 2552

Delta R.T. -0.000 min

Lab File: BN026686.D

Acq: 23 Jul 2023 21:23

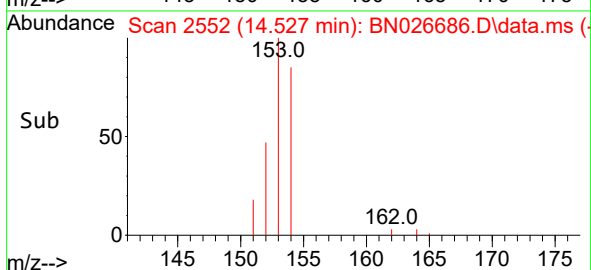
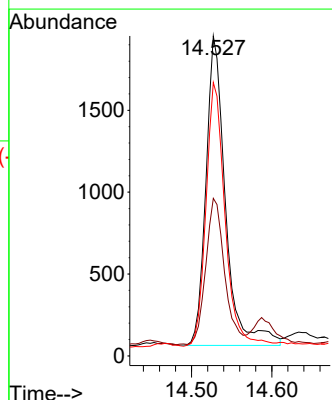
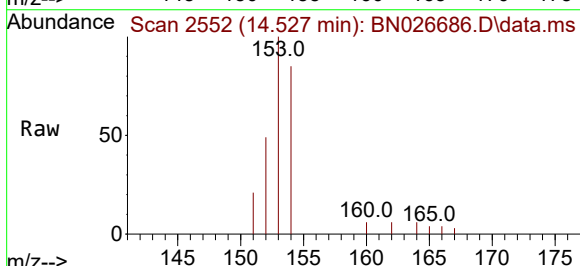
Tgt Ion:153 Resp: 3200

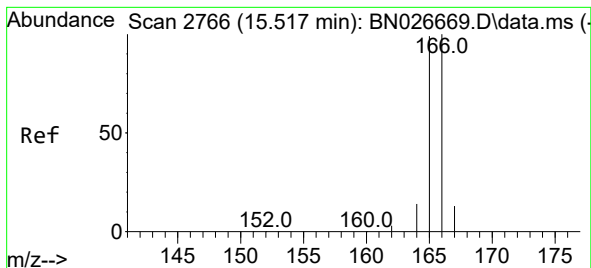
Ion Ratio Lower Upper

153 100

152 49.2 40.2 60.4

154 85.5 69.3 103.9





#12

Fluorene

Concen: 0.138 ng/ul

RT: 15.517 min Scan# 21

Delta R.T. -0.000 min

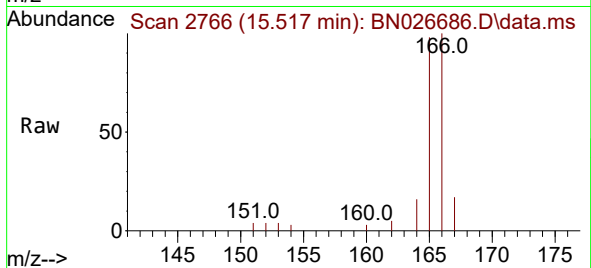
Lab File: BN026686.D

Acq: 23 Jul 2023 21:23

Instrument :

BNA_N

ClientSampleId :



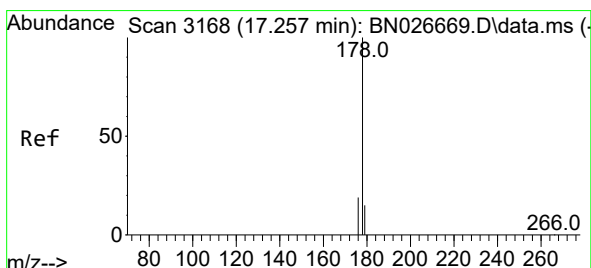
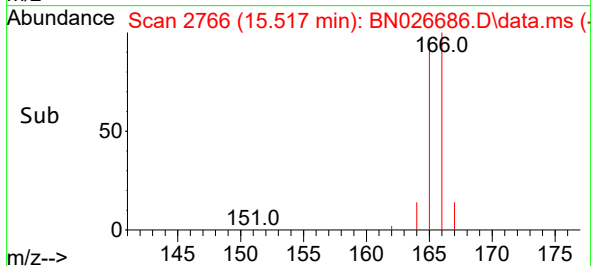
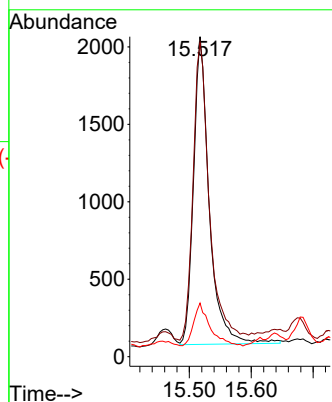
Tgt Ion:166 Resp: 3512

Ion Ratio Lower Upper

166 100

165 98.2 80.6 120.8

167 16.7 12.0 18.0



#15

Phenanthrene

Concen: 1.050 ng/ul

RT: 17.253 min Scan# 3167

Delta R.T. -0.004 min

Lab File: BN026686.D

Acq: 23 Jul 2023 21:23

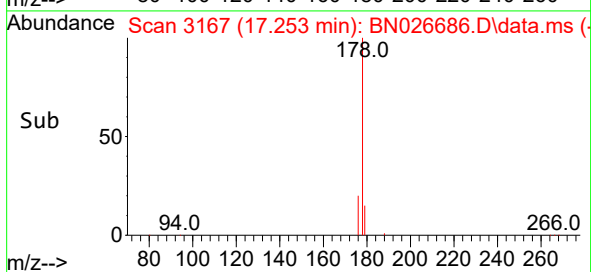
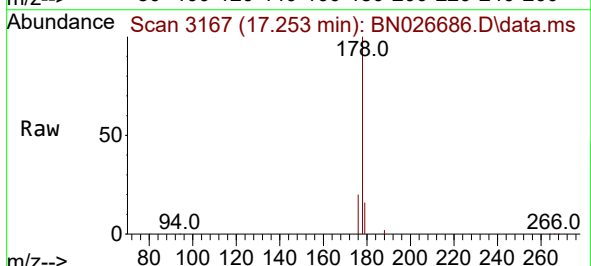
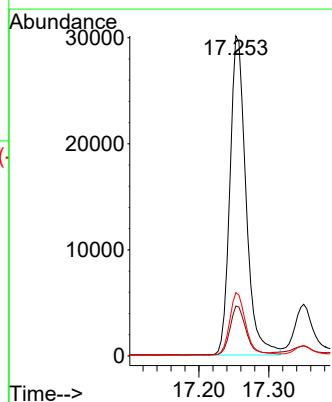
Tgt Ion:178 Resp: 48190

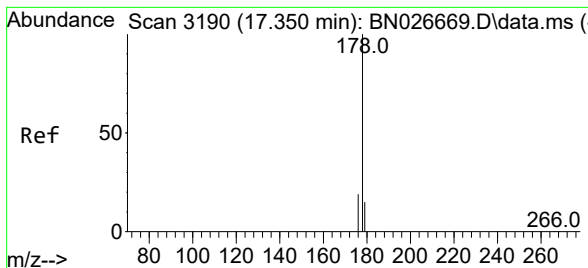
Ion Ratio Lower Upper

178 100

179 15.6 13.7 20.5

176 19.8 16.5 24.7





#16

Anthracene

Concen: 0.230 ng/ul

RT: 17.350 min Scan# 3190

Delta R.T. -0.000 min

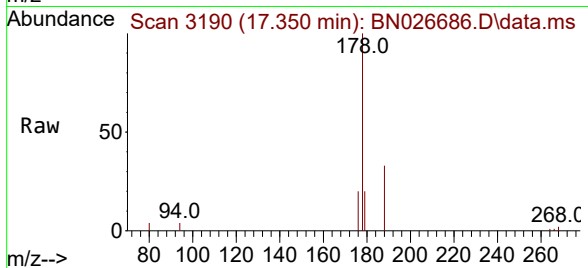
Lab File: BN026686.D

Acq: 23 Jul 2023 21:23

Instrument :

BNA_N

ClientSampleId :



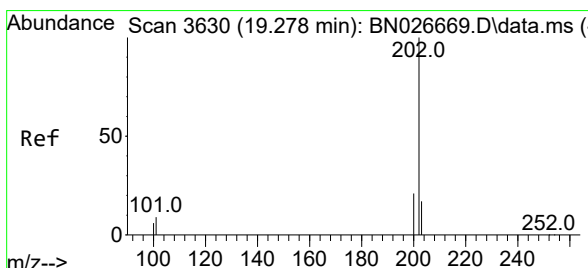
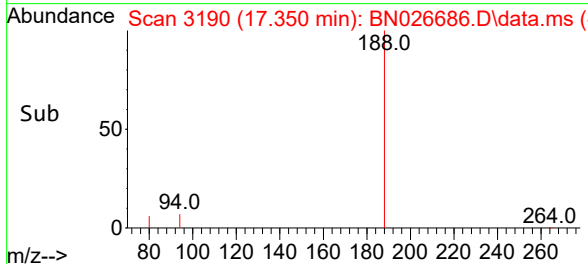
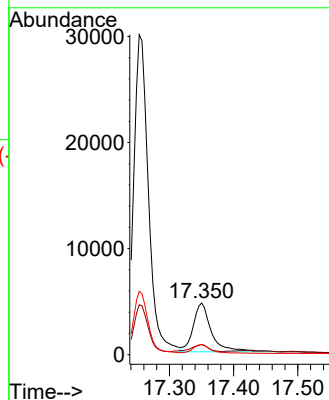
Tgt Ion:178 Resp: 9178

Ion Ratio Lower Upper

178 100

179 19.6 14.8 22.2

176 19.7 16.6 25.0



#19

Fluoranthene

Concen: 1.749 ng/ul

RT: 19.274 min Scan# 3629

Delta R.T. -0.005 min

Lab File: BN026686.D

Acq: 23 Jul 2023 21:23

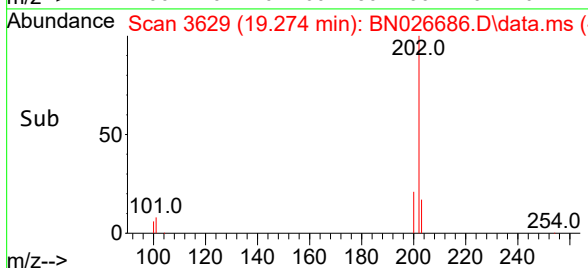
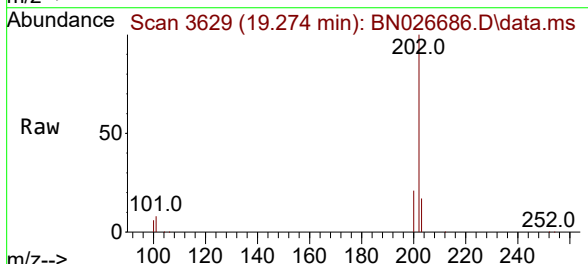
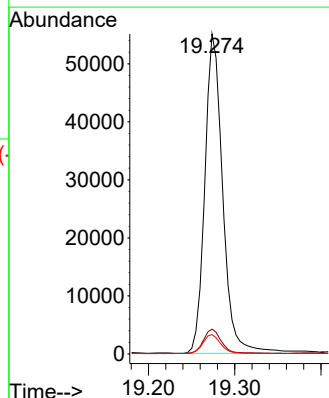
Tgt Ion:202 Resp: 79293

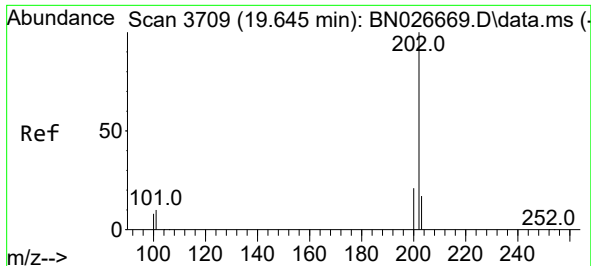
Ion Ratio Lower Upper

202 100

101 7.8 7.0 10.4

100 6.0 6.0 9.0

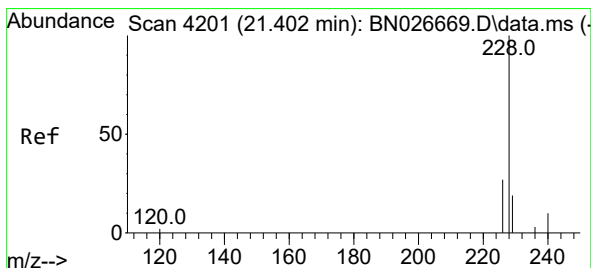
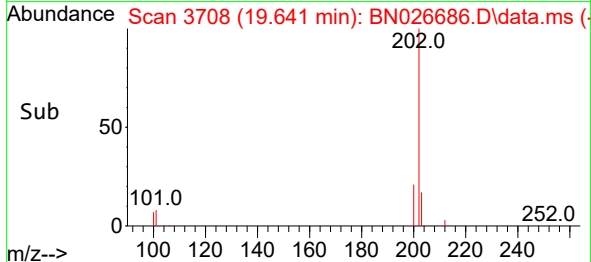
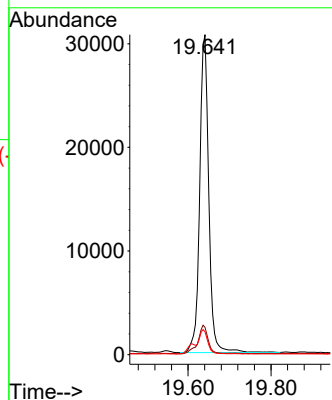
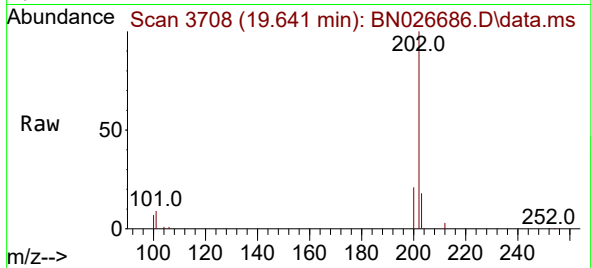




#20
Pyrene
Concen: 0.954 ng/ul
RT: 19.641 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026686.D
Acq: 23 Jul 2023 21:23

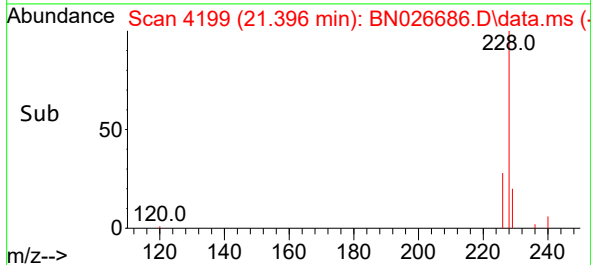
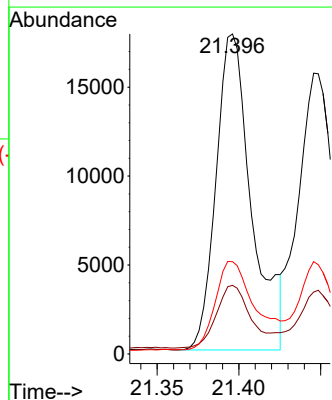
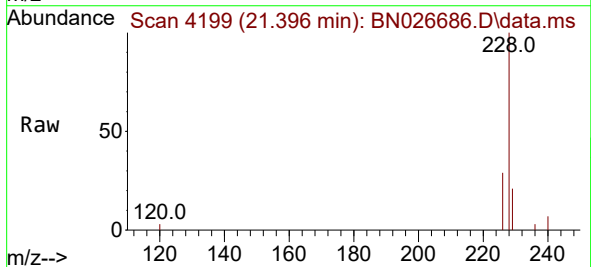
Instrument :
BNA_N
ClientSampleId :

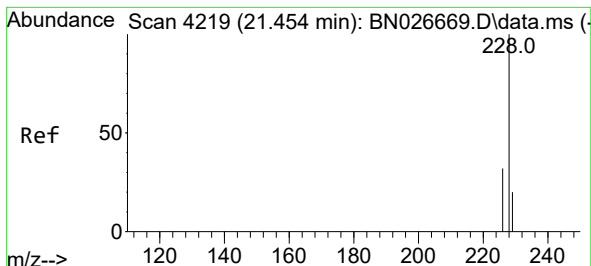
Tgt Ion:202 Resp: 46987
Ion Ratio Lower Upper
202 100
101 8.5 8.0 12.0
100 7.1 6.2 9.2



#21
Benzo(a)anthracene
Concen: 0.755 ng/ul
RT: 21.396 min Scan# 4199
Delta R.T. -0.006 min
Lab File: BN026686.D
Acq: 23 Jul 2023 21:23

Tgt Ion:228 Resp: 26837
Ion Ratio Lower Upper
228 100
229 21.5 16.7 25.1
226 28.8 23.5 35.3





#22

Chrysene

Concen: 0.605 ng/ul

RT: 21.446 min Scan# 41

Delta R.T. -0.009 min

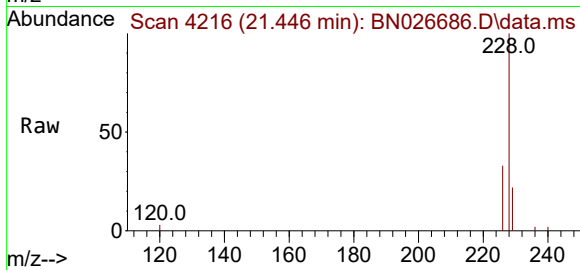
Lab File: BN026686.D

Acq: 23 Jul 2023 21:23

Instrument :

BNA_N

ClientSampleId :



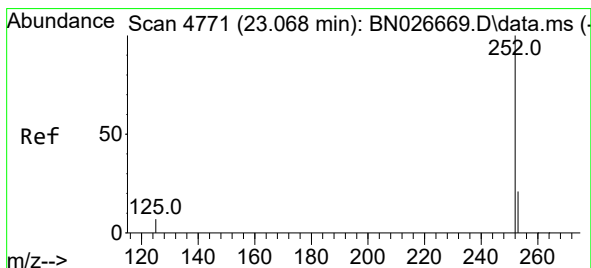
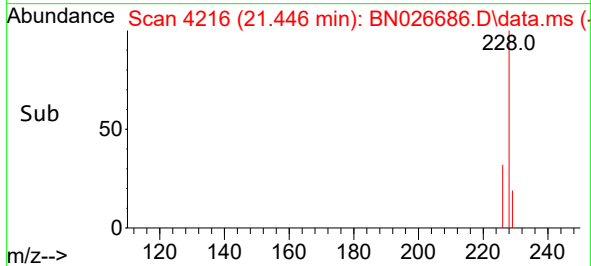
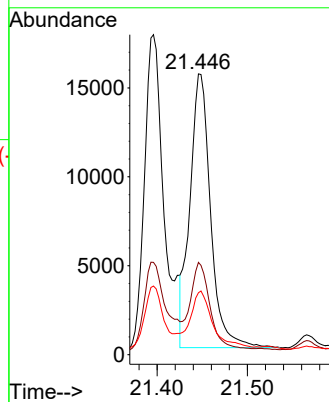
Tgt Ion:228 Resp: 24489

Ion Ratio Lower Upper

228 100

226 32.9 25.2 37.8

229 22.1 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 1.035 ng/ul

RT: 23.065 min Scan# 4770

Delta R.T. -0.003 min

Lab File: BN026686.D

Acq: 23 Jul 2023 21:23

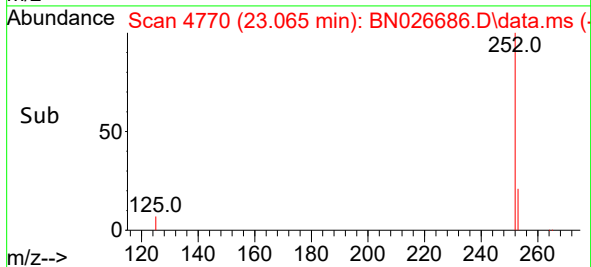
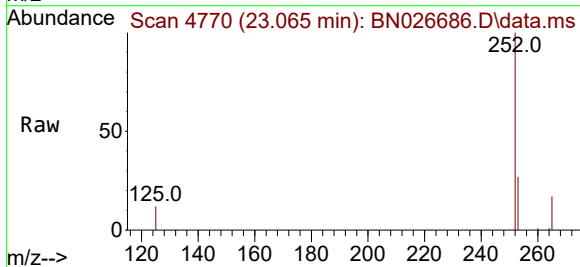
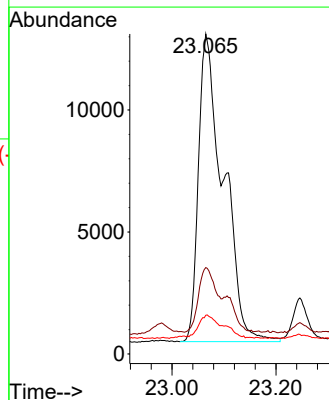
Tgt Ion:252 Resp: 41921

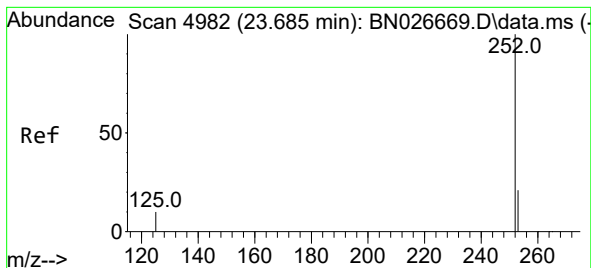
Ion Ratio Lower Upper

252 100

253 27.0 0.0 68.6

125 12.1 0.0 34.0





#26

Benzo(a)pyrene

Concen: 0.168 ng/ul

RT: 23.679 min Scan# 4982

Delta R.T. -0.006 min

Lab File: BN026686.D

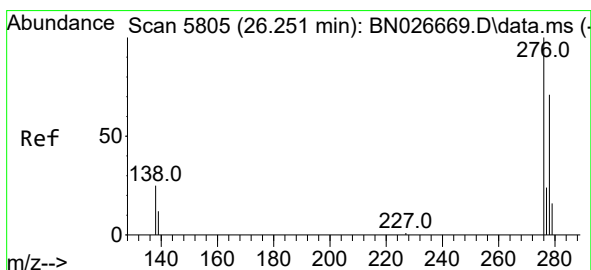
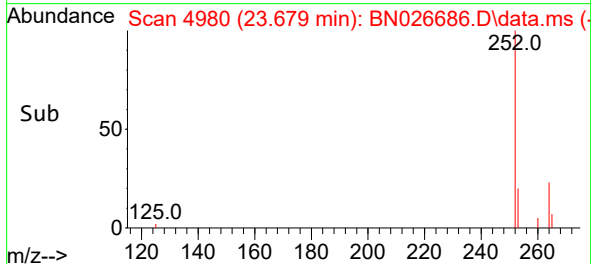
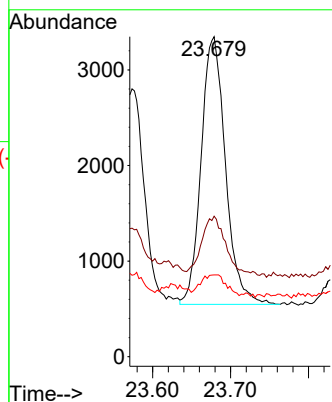
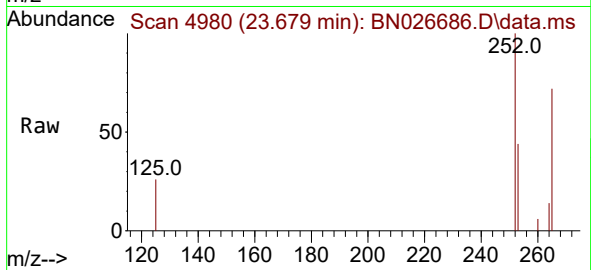
Acq: 23 Jul 2023 21:23

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:252	Resp:	6066
Ion Ratio	Lower	Upper
252	100	
253	43.9	32.6 49.0
125	25.6	19.3 28.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.191 ng/ul

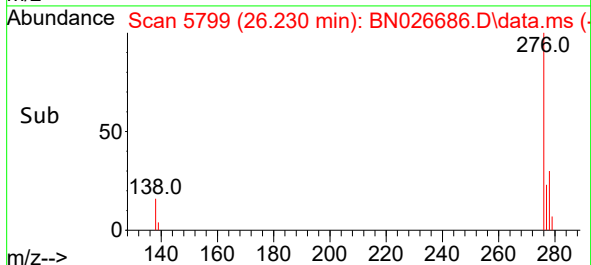
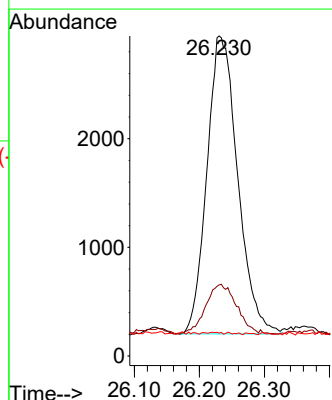
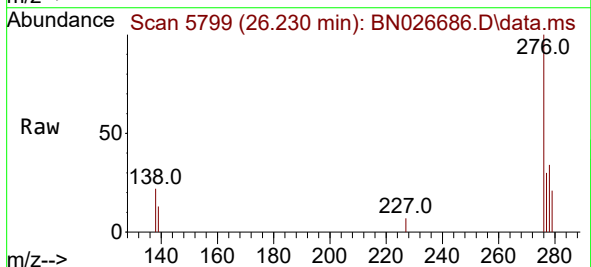
RT: 26.230 min Scan# 5799

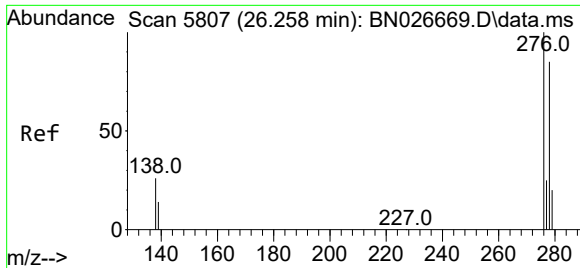
Delta R.T. -0.021 min

Lab File: BN026686.D

Acq: 23 Jul 2023 21:23

Tgt Ion:276	Resp:	9018
Ion Ratio	Lower	Upper
276	100	
138	17.3	22.2 33.4#
227	0.2	0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.095 ng/ul

RT: 26.240 min Scan# 51

Delta R.T. -0.017 min

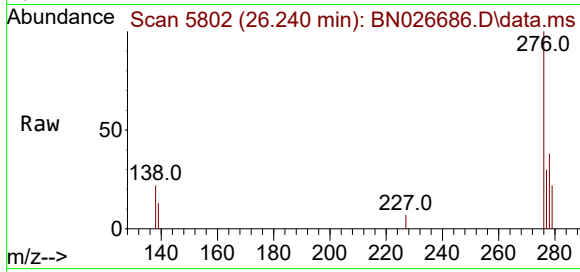
Lab File: BN026686.D

Acq: 23 Jul 2023 21:23

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:278 Resp: 3428

Ion Ratio Lower Upper

278 100

139 35.3 18.9 28.3#

279 58.6 31.3 46.9#

