

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026681.D
 Acq On : 23 Jul 2023 17:44
 Operator : MA/JU
 Sample : 03472-24DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 24 00:42:19 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)

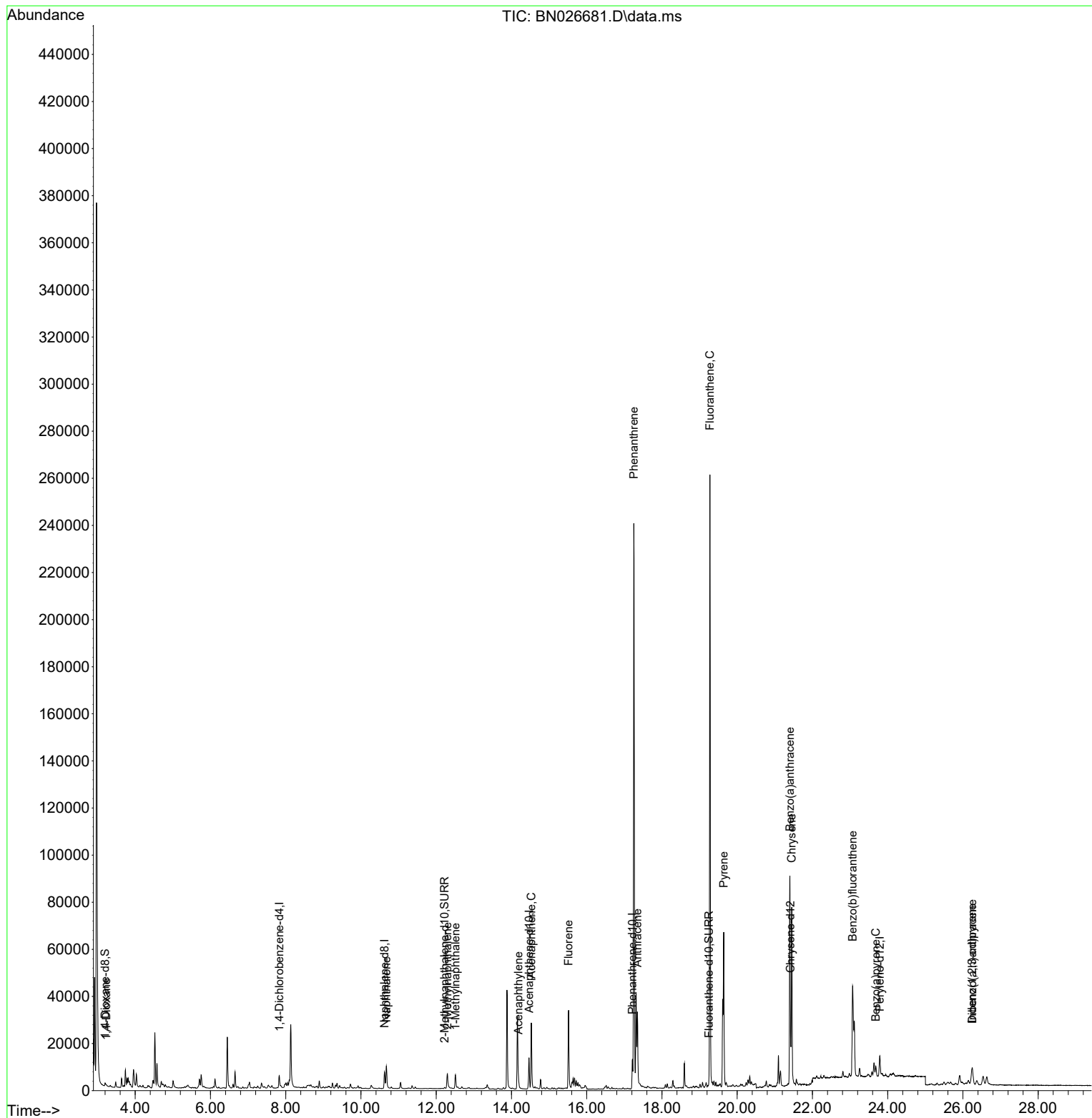
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	3449	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	11478	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.467	164	7385	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	15850	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.414	240	11058	0.400	ng/ul	# 0.00
23) Perylene-d12	23.790	264	12634	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	975	0.215	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	803	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	1847	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.229	88	161	0.037	ng/ul#	1
5) Naphthalene	10.675	128	14977	0.475	ng/ul	99
7) 2-Methylnaphthalene	12.297	142	5794	0.324	ng/ul	98
8) 1-Methylnaphthalene	12.511	142	4564	0.238	ng/ul	99
10) Acenaphthylene	14.190	152	3325	0.092	ng/ul#	92
11) Acenaphthene	14.527	153	17381	0.631	ng/ul	99
12) Fluorene	15.517	166	22796	0.789	ng/ul	99
15) Phenanthrene	17.253	178	257760	5.106	ng/ul	97
16) Anthracene	17.346	178	38723	0.884	ng/ul	97
19) Fluoranthene	19.274	202	237776	4.587	ng/ul#	94
20) Pyrene	19.641	202	64770	1.151	ng/ul#	95
21) Benzo(a)anthracene	21.399	228	75154	1.849	ng/ul	98
22) Chrysene	21.449	228	68242	1.475	ng/ul	99
24) Benzo(b)fluoranthene	23.068	252	99350	2.018	ng/ul	85
26) Benzo(a)pyrene	23.685	252	6422	0.147	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.244	276	9134	0.159	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.248	278	8342	0.189	ng/ul	95

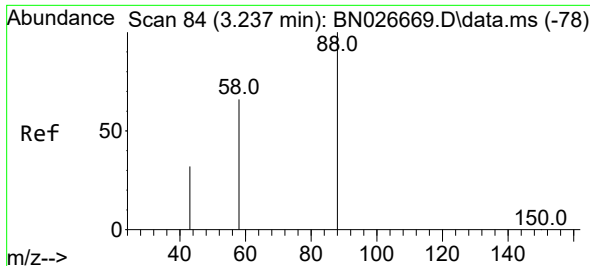
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 24 00:42:19 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

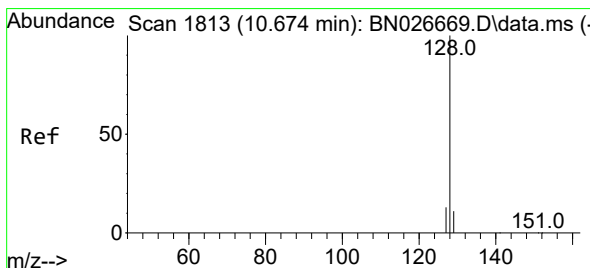
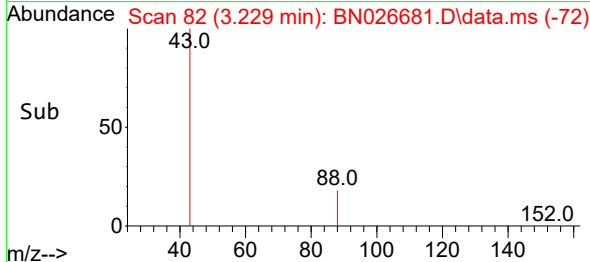
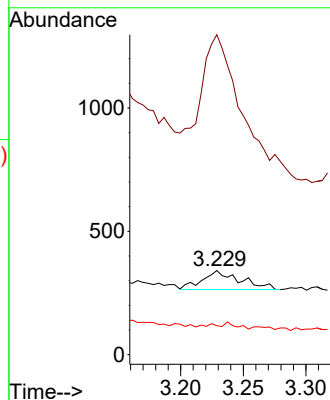
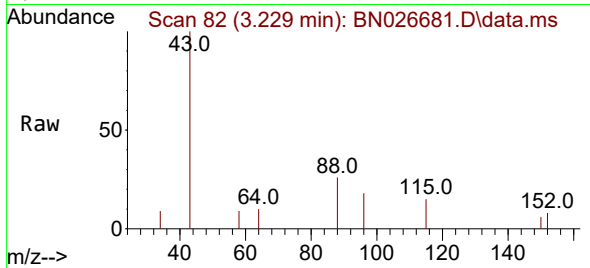




#2
1,4-Dioxane
Concen: 0.037 ng/ul
RT: 3.229 min Scan# 81
Delta R.T. -0.008 min
Lab File: BN026681.D
Acq: 23 Jul 2023 17:44

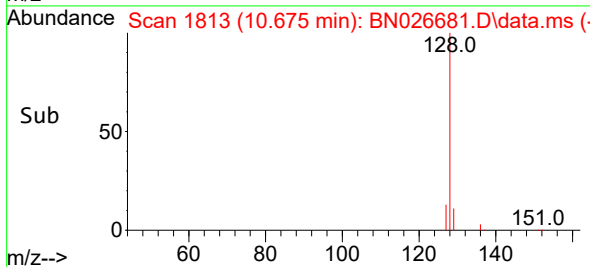
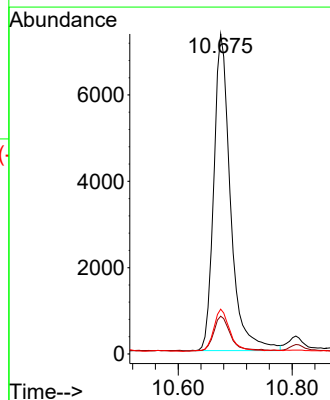
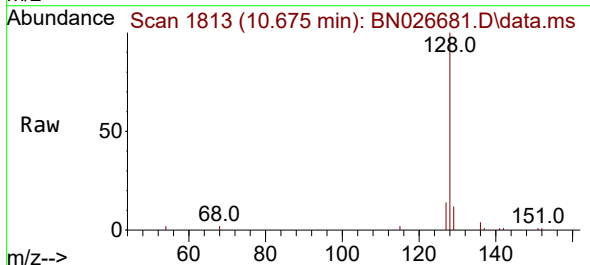
Instrument :
BNA_N
ClientSampleId :

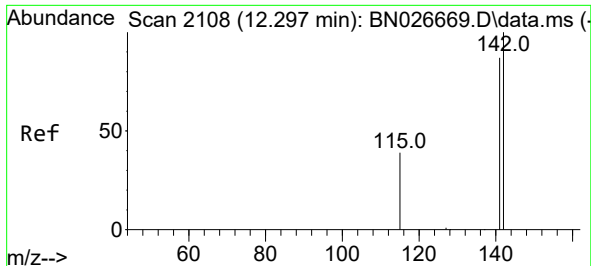
Tgt Ion: 88 Resp: 161
Ion Ratio Lower Upper
88 100
43 380.4 33.0 49.6#
58 34.3 41.7 62.5#



#5
Naphthalene
Concen: 0.475 ng/ul
RT: 10.675 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BN026681.D
Acq: 23 Jul 2023 17:44

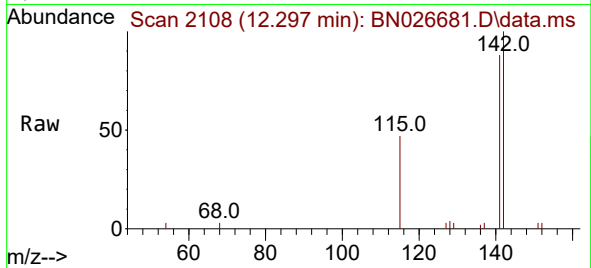
Tgt Ion: 128 Resp: 14977
Ion Ratio Lower Upper
128 100
129 11.8 10.2 15.2
127 14.0 11.4 17.0



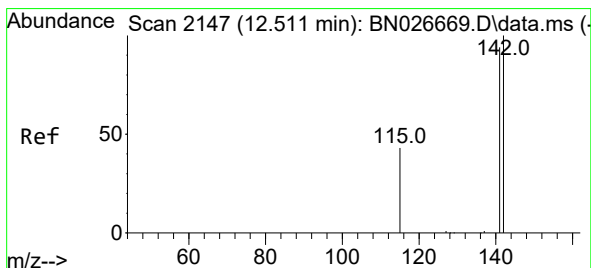
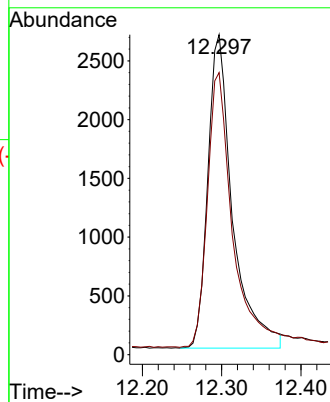
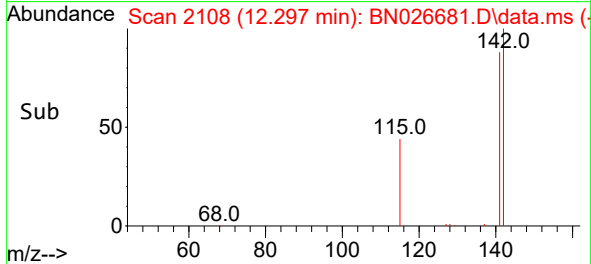


#7
2-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.297 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BN026681.D
Acq: 23 Jul 2023 17:44

Instrument :
BNA_N
ClientSampleId :

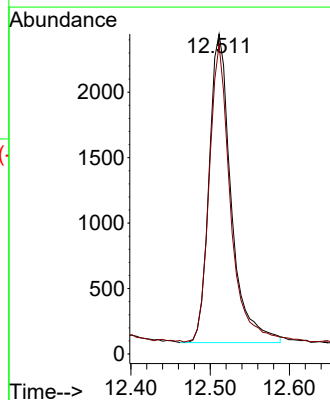
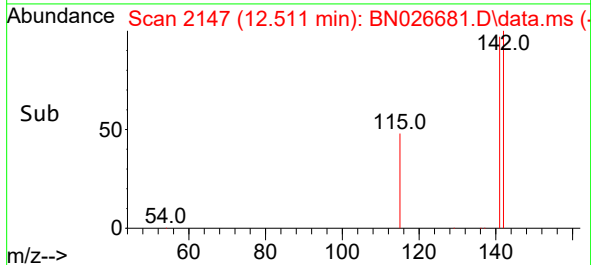
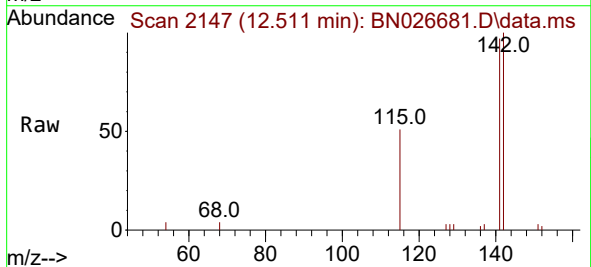


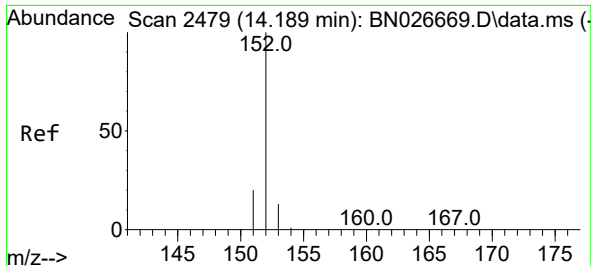
Tgt Ion:142 Resp: 5794
Ion Ratio Lower Upper
142 100
141 88.8 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.238 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BN026681.D
Acq: 23 Jul 2023 17:44

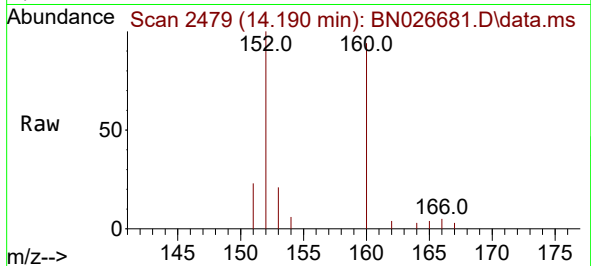
Tgt Ion:142 Resp: 4564
Ion Ratio Lower Upper
142 100
141 92.4 74.5 111.7



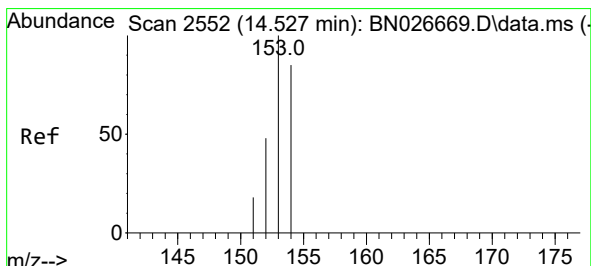
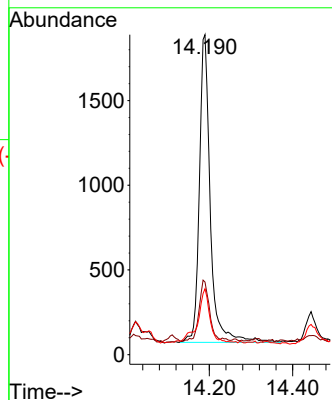
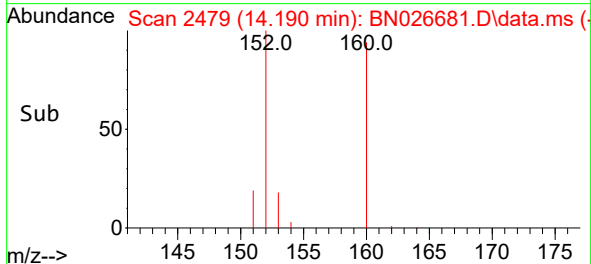


#10
Acenaphthylene
Concen: 0.092 ng/ul
RT: 14.190 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BN026681.D
Acq: 23 Jul 2023 17:44

Instrument :
BNA_N
ClientSampleId :

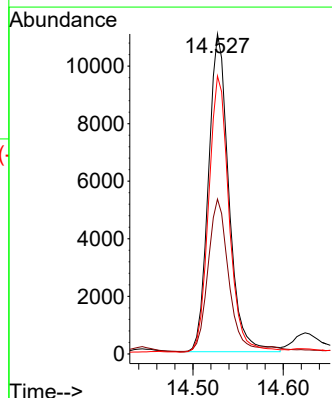
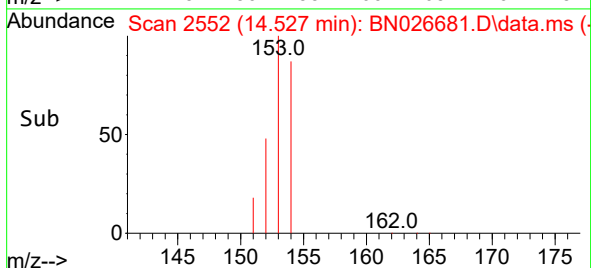
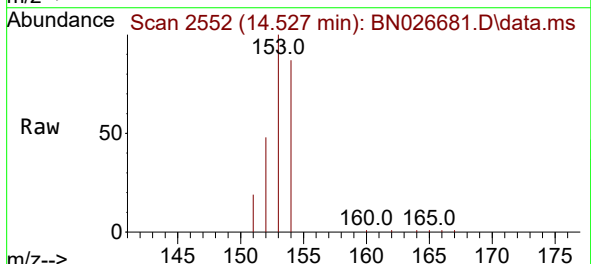


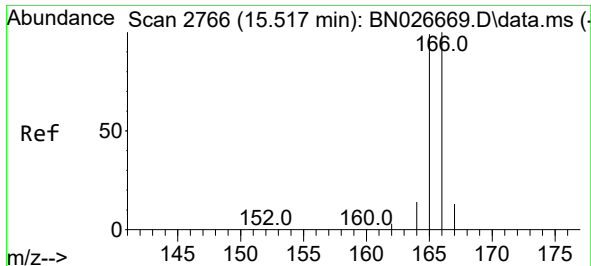
Tgt Ion:152 Resp: 3325
Ion Ratio Lower Upper
152 100
151 22.7 17.0 25.6
153 20.6 11.4 17.2#



#11
Acenaphthene
Concen: 0.631 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BN026681.D
Acq: 23 Jul 2023 17:44

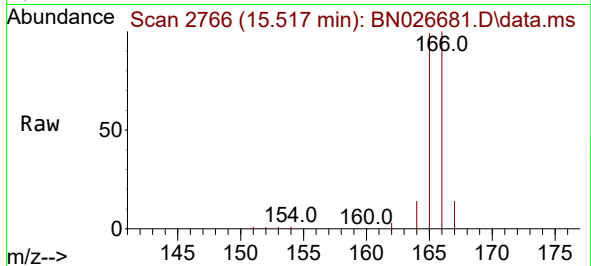
Tgt Ion:153 Resp: 17381
Ion Ratio Lower Upper
153 100
152 48.4 40.2 60.4
154 86.8 69.3 103.9



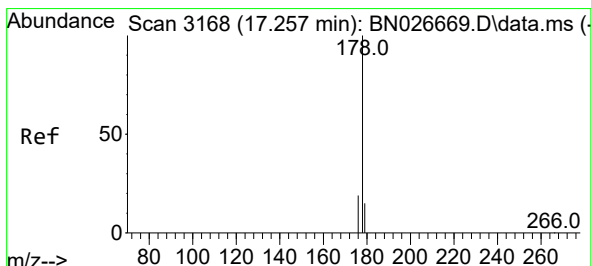
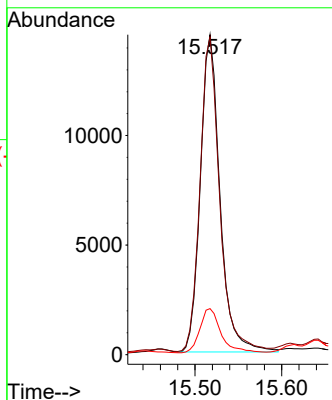


#12
Fluorene
Concen: 0.789 ng/ul
RT: 15.517 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026681.D
Acq: 23 Jul 2023 17:44

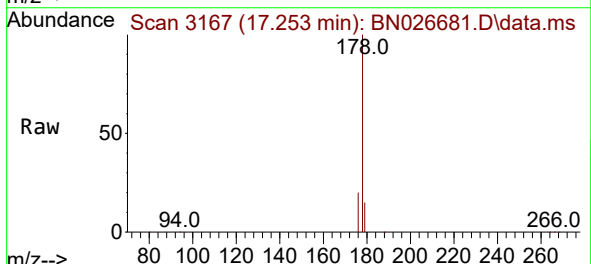
Instrument :
BNA_N
ClientSampleId :



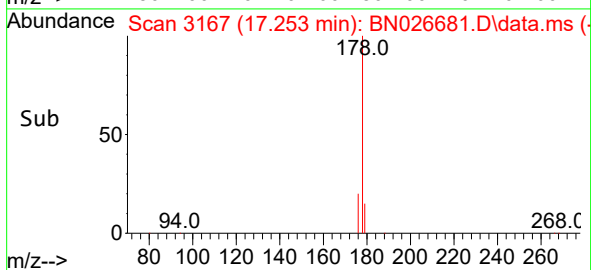
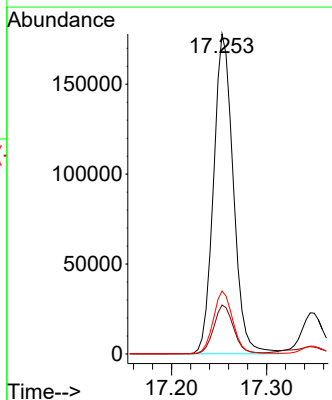
Tgt Ion:166 Resp: 22796
Ion Ratio Lower Upper
166 100
165 99.2 80.6 120.8
167 14.4 12.0 18.0

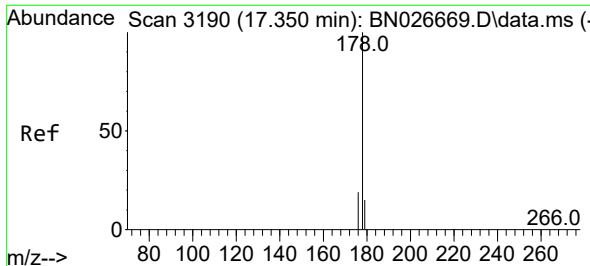


#15
Phenanthrene
Concen: 5.106 ng/ul
RT: 17.253 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BN026681.D
Acq: 23 Jul 2023 17:44



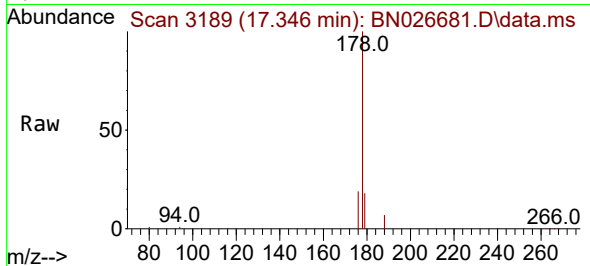
Tgt Ion:178 Resp: 257760
Ion Ratio Lower Upper
178 100
179 15.3 13.7 20.5
176 19.6 16.5 24.7



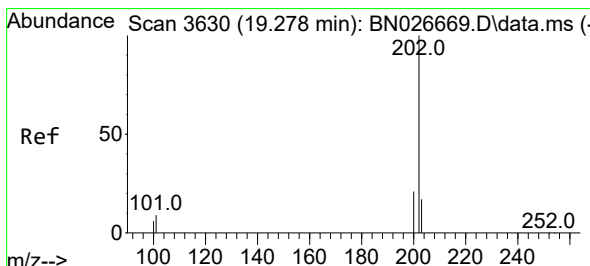
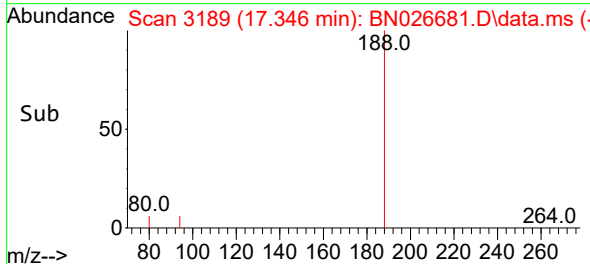
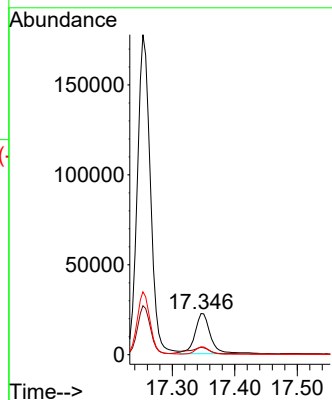


#16
 Anthracene
 Concen: 0.884 ng/ul
 RT: 17.346 min Scan# 3190
 Delta R.T. -0.004 min
 Lab File: BN026681.D
 Acq: 23 Jul 2023 17:44

Instrument :
 BNA_N
 ClientSampleId :

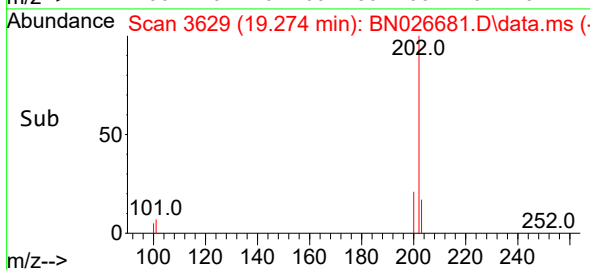
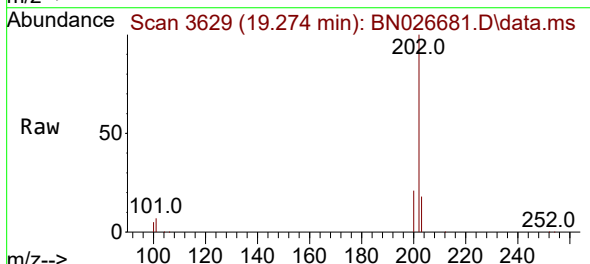
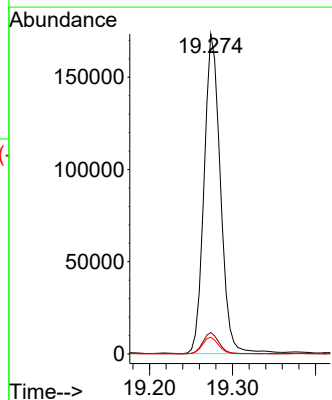


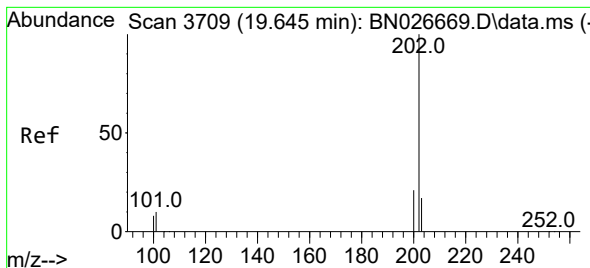
Tgt Ion:178 Resp: 38723
 Ion Ratio Lower Upper
 178 100
 179 17.8 14.8 22.2
 176 19.1 16.6 25.0



#19
 Fluoranthene
 Concen: 4.587 ng/ul
 RT: 19.274 min Scan# 3629
 Delta R.T. -0.005 min
 Lab File: BN026681.D
 Acq: 23 Jul 2023 17:44

Tgt Ion:202 Resp: 237776
 Ion Ratio Lower Upper
 202 100
 101 6.7 7.0 10.4#
 100 5.2 6.0 9.0#





#20

Pyrene

Concen: 1.151 ng/ul

RT: 19.641 min Scan# 31

Delta R.T. -0.005 min

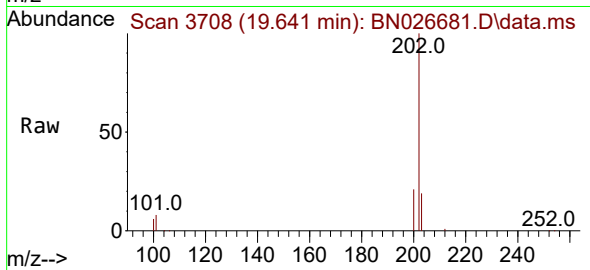
Lab File: BN026681.D

Acq: 23 Jul 2023 17:44

Instrument :

BNA_N

ClientSampleId :



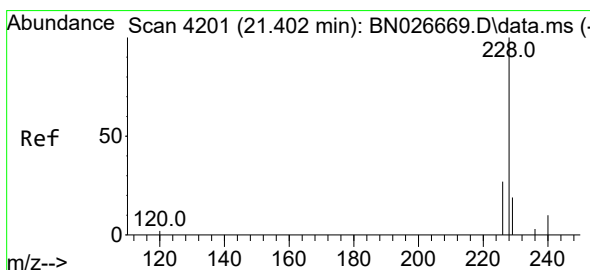
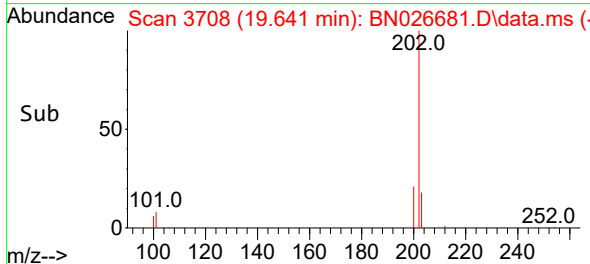
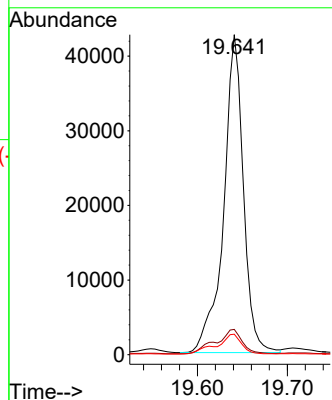
Tgt Ion:202 Resp: 64770

Ion Ratio Lower Upper

202 100

101 7.9 8.0 12.0#

100 6.4 6.2 9.2



#21

Benzo(a)anthracene

Concen: 1.849 ng/ul

RT: 21.399 min Scan# 4200

Delta R.T. -0.003 min

Lab File: BN026681.D

Acq: 23 Jul 2023 17:44

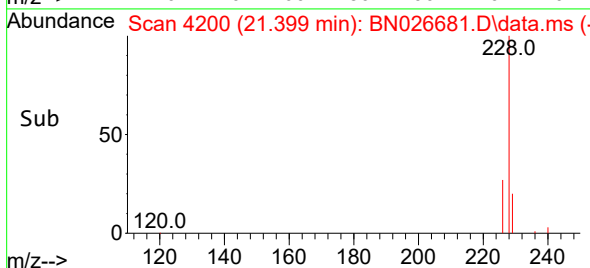
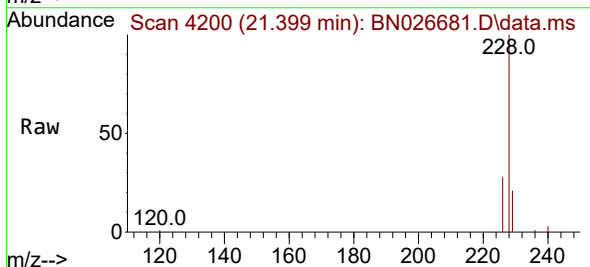
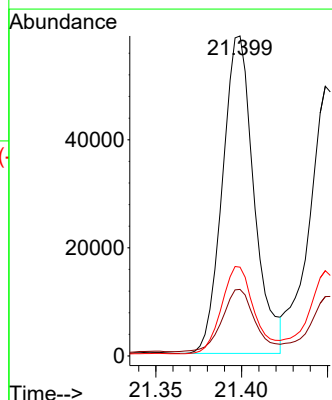
Tgt Ion:228 Resp: 75154

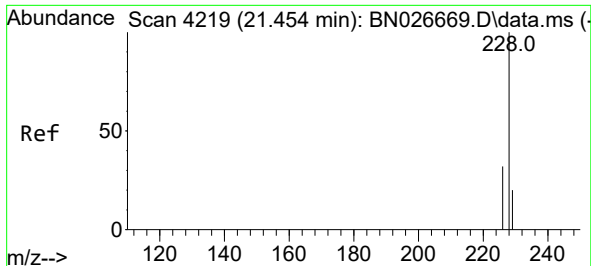
Ion Ratio Lower Upper

228 100

229 20.8 16.7 25.1

226 27.8 23.5 35.3





#22

Chrysene

Concen: 1.475 ng/ul

RT: 21.449 min Scan# 4219

Delta R.T. -0.006 min

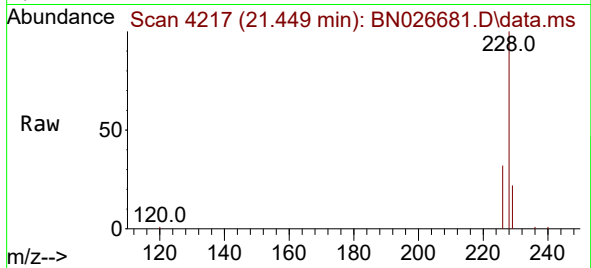
Lab File: BN026681.D

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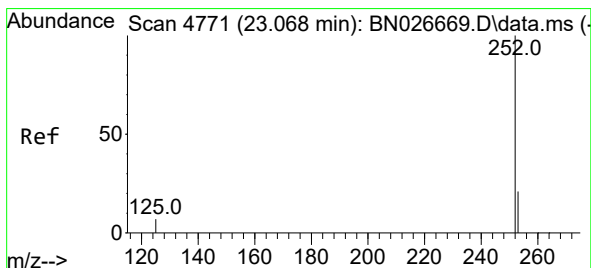
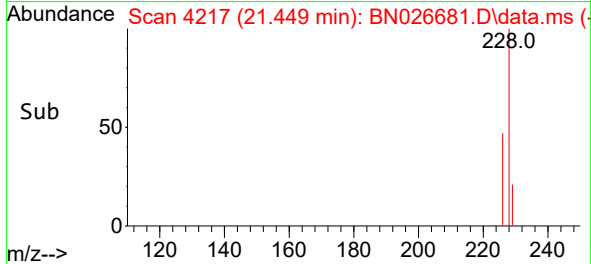
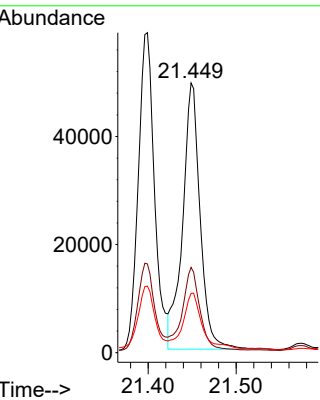
Tgt Ion:228 Resp: 68242

Ion Ratio Lower Upper

228 100

226 31.6 25.2 37.8

229 22.0 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 2.018 ng/ul

RT: 23.068 min Scan# 4771

Delta R.T. 0.000 min

Lab File: BN026681.D

Acq: 23 Jul 2023 17:44

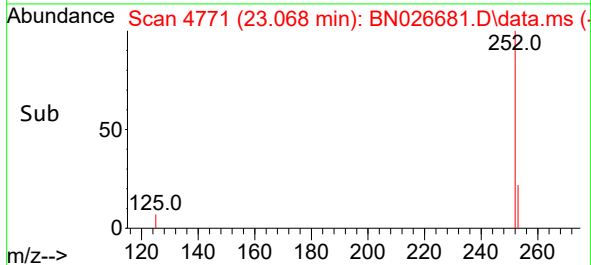
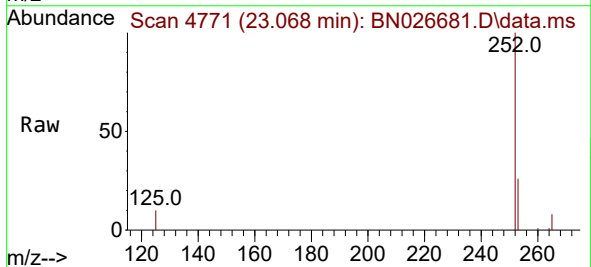
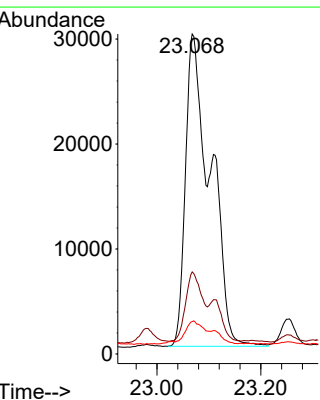
Tgt Ion:252 Resp: 99350

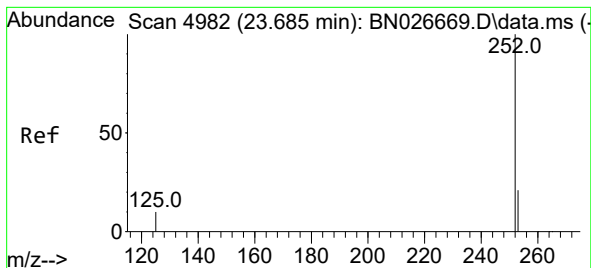
Ion Ratio Lower Upper

252 100

253 25.6 0.0 68.6

125 10.1 0.0 34.0





#26

Benzo(a)pyrene

Concen: 0.147 ng/ul

RT: 23.685 min Scan# 4982

Delta R.T. 0.000 min

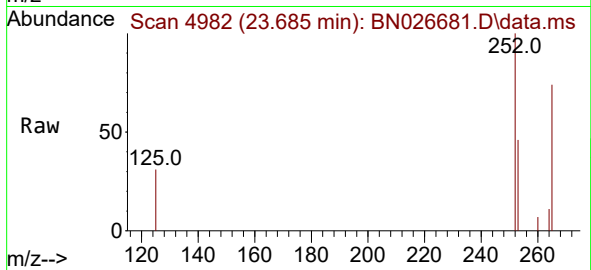
Lab File: BN026681.D

Acq: 23 Jul 2023 17:44

Instrument :

BNA_N

ClientSampleId :



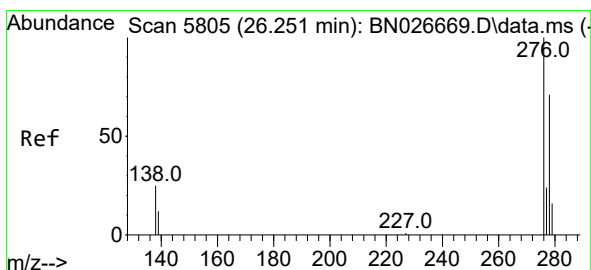
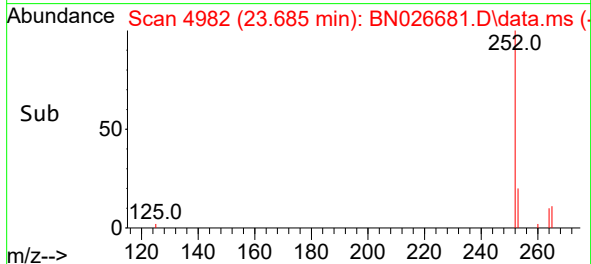
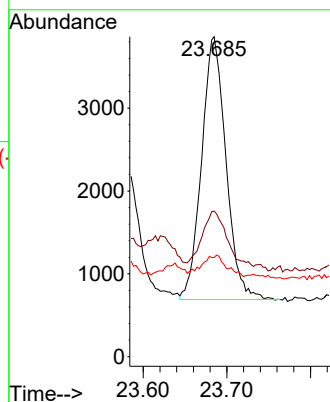
Tgt Ion:252 Resp: 6422

Ion Ratio Lower Upper

252 100

253 45.5 32.6 49.0

125 31.0 19.3 28.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.159 ng/ul

RT: 26.244 min Scan# 5803

Delta R.T. -0.007 min

Lab File: BN026681.D

Acq: 23 Jul 2023 17:44

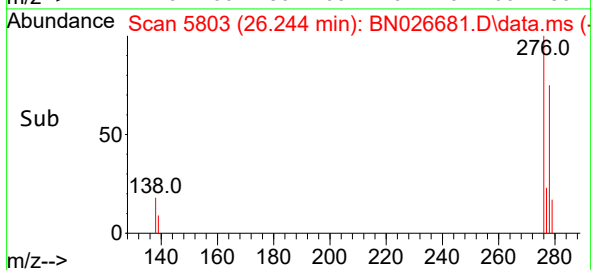
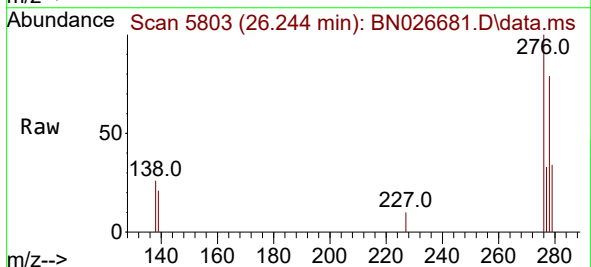
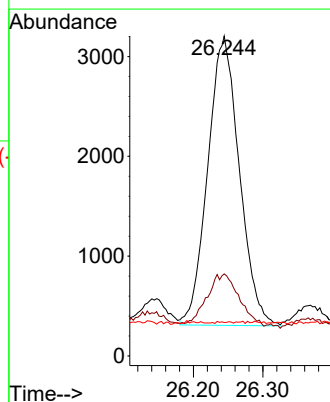
Tgt Ion:276 Resp: 9134

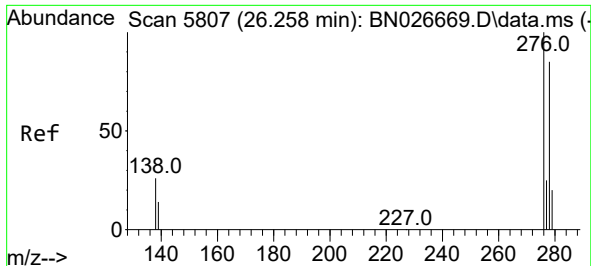
Ion Ratio Lower Upper

276 100

138 18.1 22.2 33.4#

227 0.3 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.189 ng/ul

RT: 26.248 min Scan# 5804

Delta R.T. -0.010 min

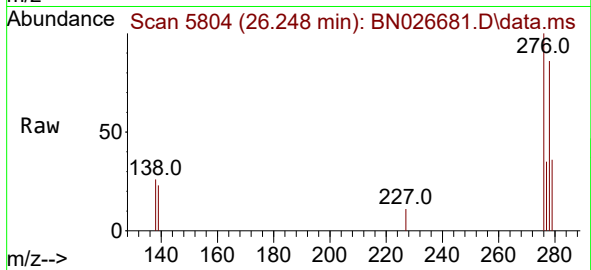
Lab File: BN026681.D

Acq: 23 Jul 2023 17:44

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:278 Resp: 8342

Ion Ratio Lower Upper

278 100

139 26.5 18.9 28.3

279 42.0 31.3 46.9

