

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026675.D
 Acq On : 23 Jul 2023 14:05
 Operator : MA/JU
 Sample : 03504-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46T5

Quant Time: Jul 24 00:41:17 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)

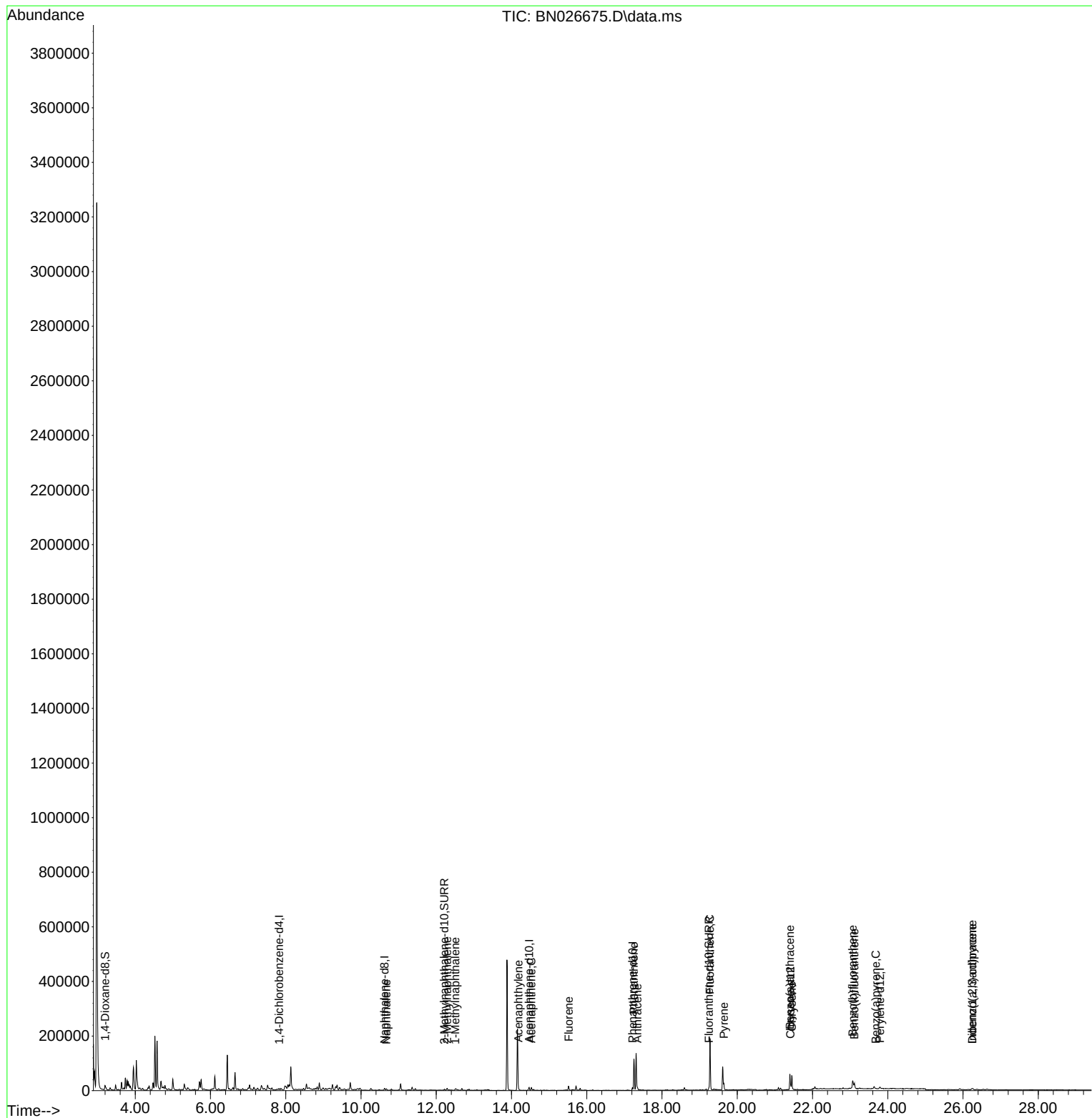
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	3029	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	9565	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.467	164	6098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	13152	0.400	ng/ul	0.00
17) Chrysene-d12	21.414	240	9136	0.400	ng/ul	0.00
23) Perylene-d12	23.793	264	8828	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	10652	2.670	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.214	152	5729	0.441	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	10796	0.341	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.675	128	7527	0.287	ng/ul	96
7) 2-Methylnaphthalene	12.291	142	4737	0.318	ng/ul	99
8) 1-Methylnaphthalene	12.506	142	3132	0.196	ng/ul	94
10) Acenaphthylene	14.185	152	5297	0.177	ng/ul	94
11) Acenaphthene	14.527	153	6619	0.291	ng/ul	99
12) Fluorene	15.517	166	10347	0.434	ng/ul	99
15) Phenanthrene	17.253	178	124800	2.979	ng/ul	97
16) Anthracene	17.346	178	8300	0.228	ng/ul#	94
19) Fluoranthene	19.274	202	173083	4.042	ng/ul#	95
20) Pyrene	19.641	202	24172	0.520	ng/ul	98
21) Benzo(a)anthracene	21.399	228	48424	1.442	ng/ul	98
22) Chrysene	21.449	228	47433	1.241	ng/ul	96
24) Benzo(b)fluoranthene	23.068	252	50724	1.475	ng/ul	89
25) Benzo(k)fluoranthene	23.112	252	22848	0.634	ng/ul#	92
26) Benzo(a)pyrene	23.682	252	1169	0.038	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.244	276	4774	0.119	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.248	278	7353	0.239	ng/ul#	80

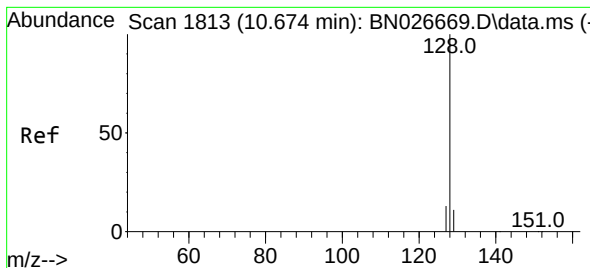
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 24 00:41:17 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





#5

Naphthalene

Concen: 0.287 ng/ul

RT: 10.675 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN026675.D

Acq: 23 Jul 2023 14:05

Instrument :

BNA_N

ClientSampleId :

A46T5

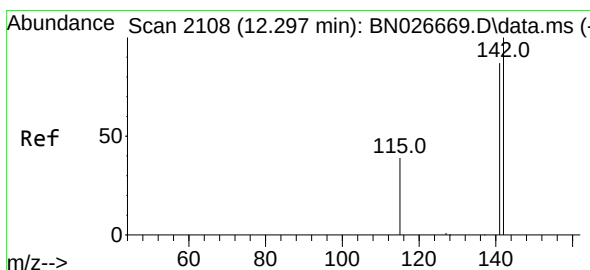
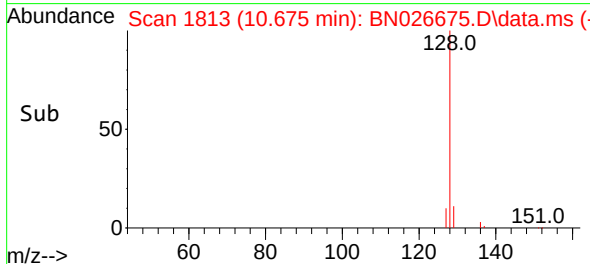
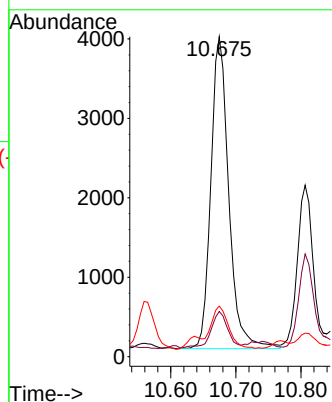
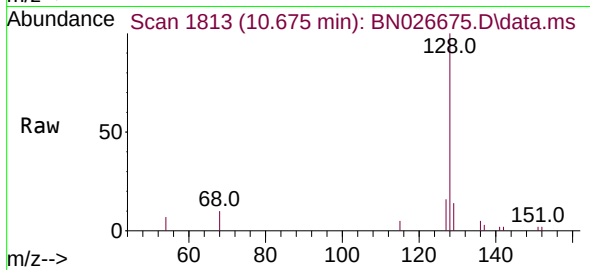
Tgt Ion:128 Resp: 7527

Ion Ratio Lower Upper

128 100

129 14.2 10.2 15.2

127 15.8 11.4 17.0



#7

2-Methylnaphthalene

Concen: 0.318 ng/ul

RT: 12.291 min Scan# 2107

Delta R.T. -0.005 min

Lab File: BN026675.D

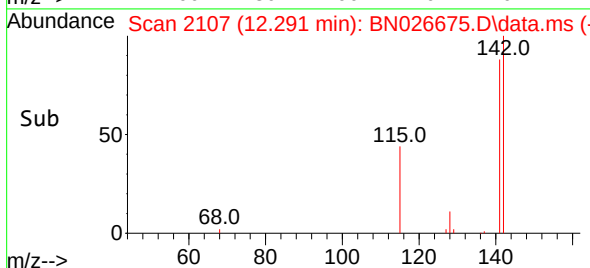
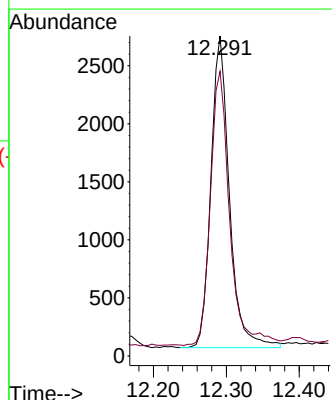
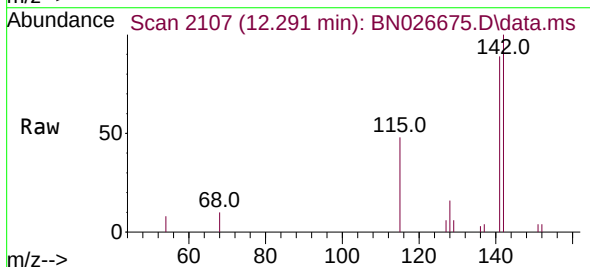
Acq: 23 Jul 2023 14:05

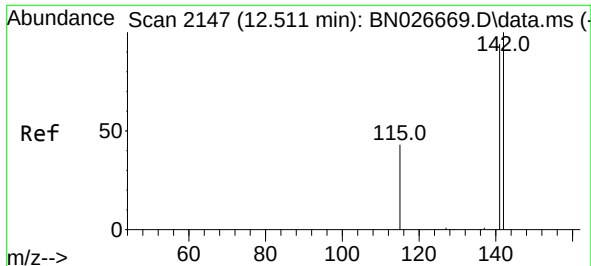
Tgt Ion:142 Resp: 4737

Ion Ratio Lower Upper

142 100

141 91.7 72.3 108.5

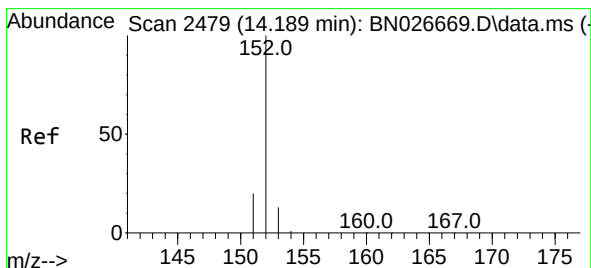
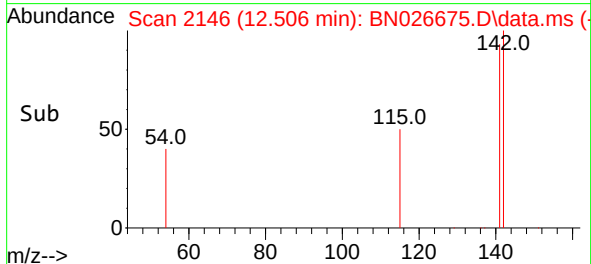
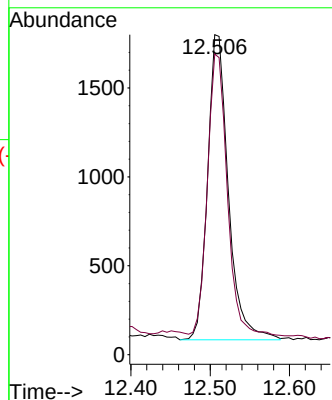
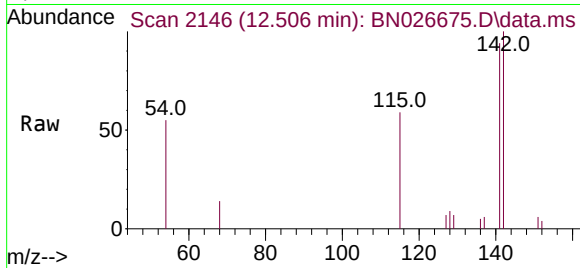




#8
1-Methylnaphthalene
Concen: 0.196 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BN026675.D
Acq: 23 Jul 2023 14:05

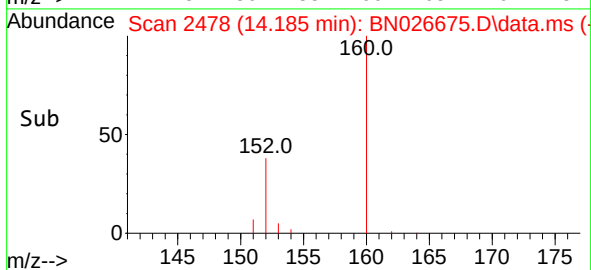
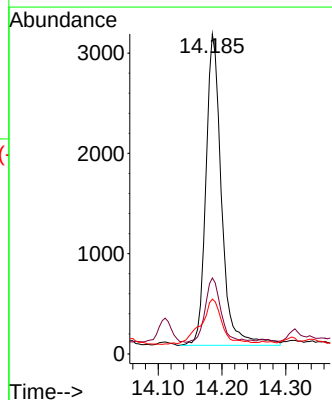
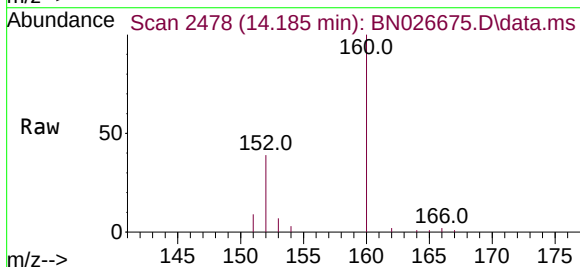
Instrument :
BNA_N
ClientSampleId :
A46T5

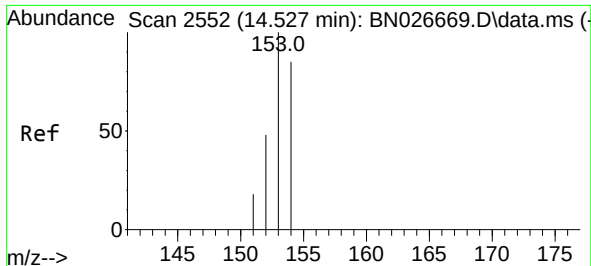
Tgt Ion:142 Resp: 3132
Ion Ratio Lower Upper
142 100
141 87.4 74.5 111.7



#10
Acenaphthylene
Concen: 0.177 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026675.D
Acq: 23 Jul 2023 14:05

Tgt Ion:152 Resp: 5297
Ion Ratio Lower Upper
152 100
151 23.8 17.0 25.6
153 17.1 11.4 17.2

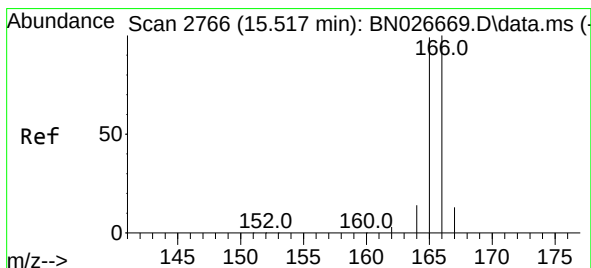
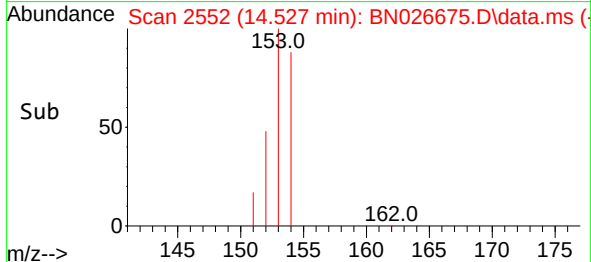
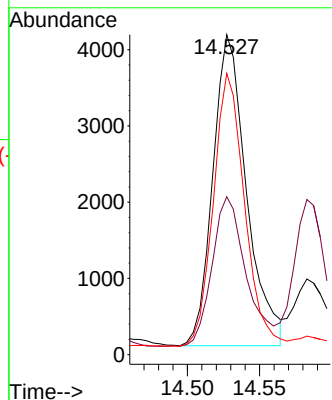
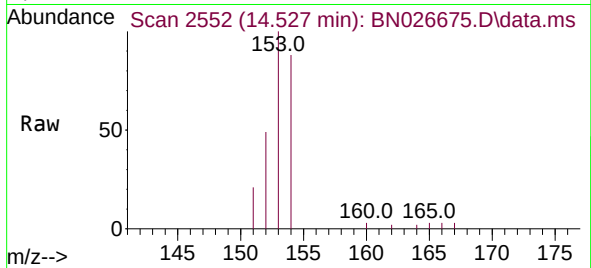




#11
Acenaphthene
Concen: 0.291 ng/ul
RT: 14.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026675.D
Acq: 23 Jul 2023 14:05

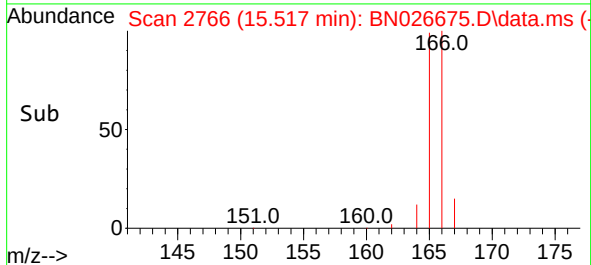
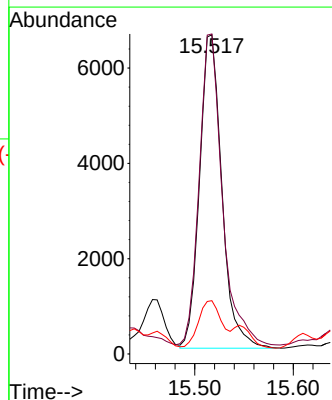
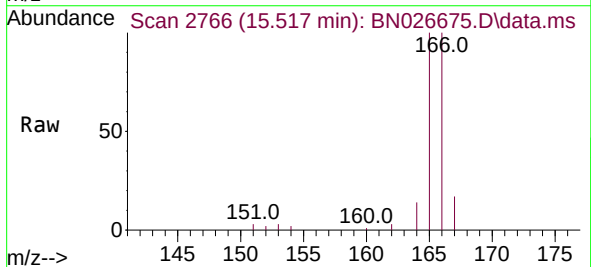
Instrument :
BNA_N
ClientSampleId :
A46T5

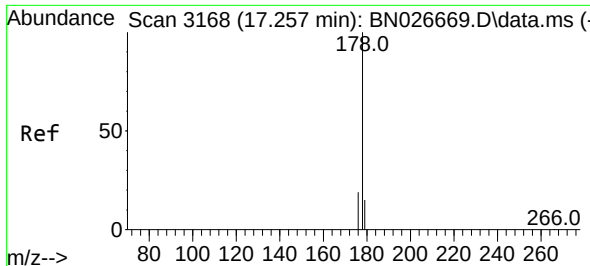
Tgt Ion:153 Resp: 6619
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 87.9 69.3 103.9



#12
Fluorene
Concen: 0.434 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BN026675.D
Acq: 23 Jul 2023 14:05

Tgt Ion:166 Resp: 10347
Ion Ratio Lower Upper
166 100
165 100.2 80.6 120.8
167 16.7 12.0 18.0

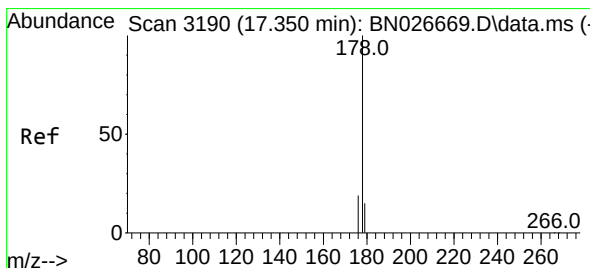
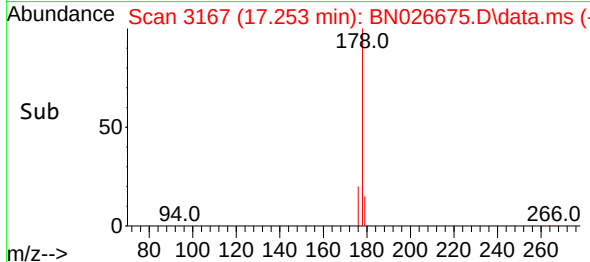
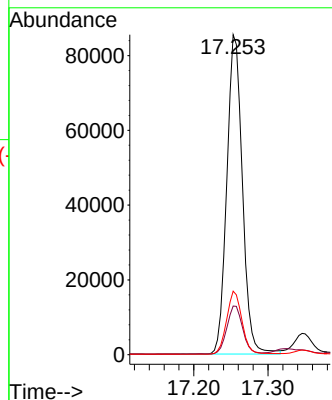
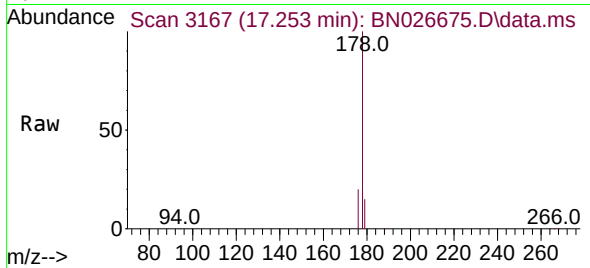




#15
Phenanthrene
Concen: 2.979 ng/ul
RT: 17.253 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BN026675.D
Acq: 23 Jul 2023 14:05

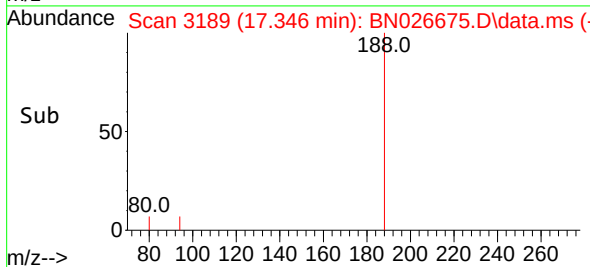
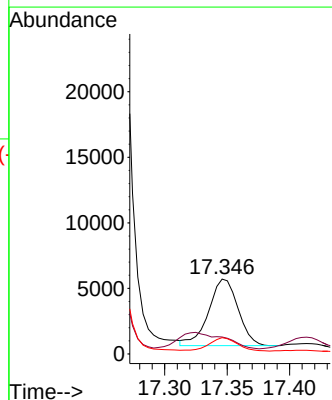
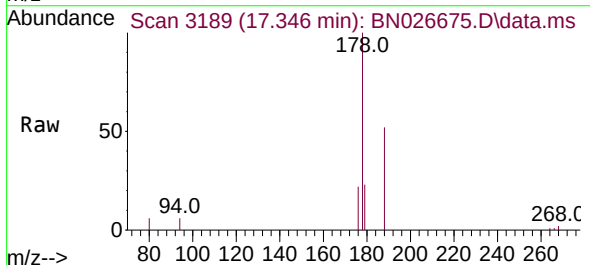
Instrument :
BNA_N
ClientSampleId :
A46T5

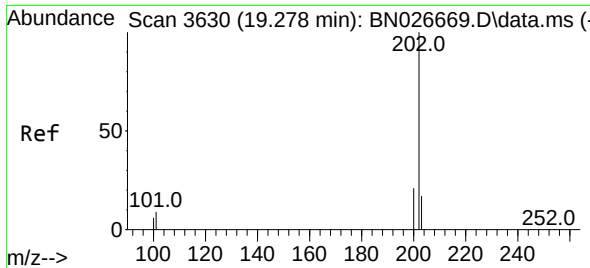
Tgt Ion:178 Resp: 124800
Ion Ratio Lower Upper
178 100
179 15.2 13.7 20.5
176 19.8 16.5 24.7



#16
Anthracene
Concen: 0.228 ng/ul
RT: 17.346 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BN026675.D
Acq: 23 Jul 2023 14:05

Tgt Ion:178 Resp: 8300
Ion Ratio Lower Upper
178 100
179 22.7 14.8 22.2#
176 21.7 16.6 25.0

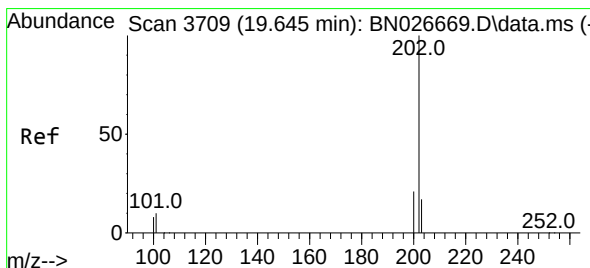
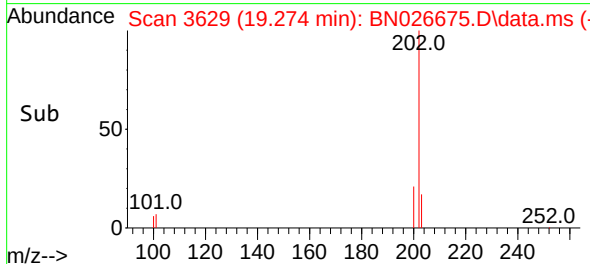
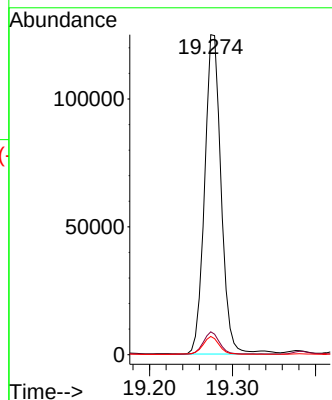
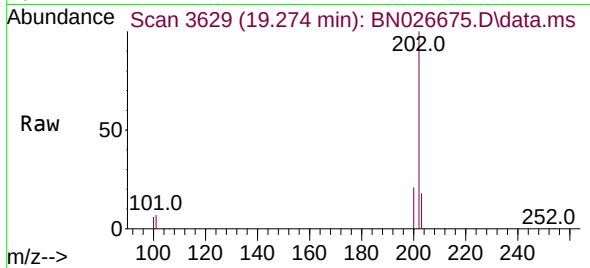




#19
Fluoranthene
Concen: 4.042 ng/u1
RT: 19.274 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026675.D
Acq: 23 Jul 2023 14:05

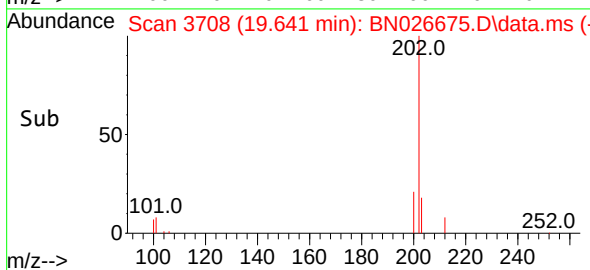
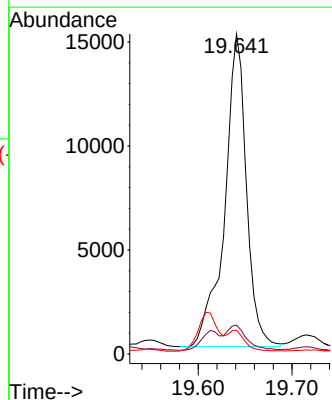
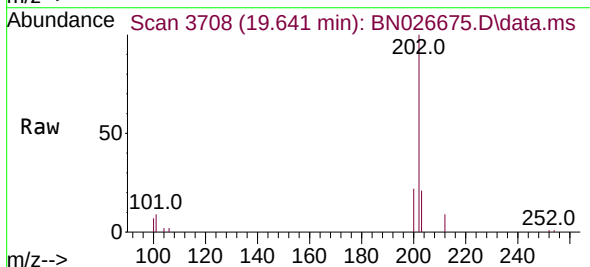
Instrument :
BNA_N
ClientSampleId :
A46T5

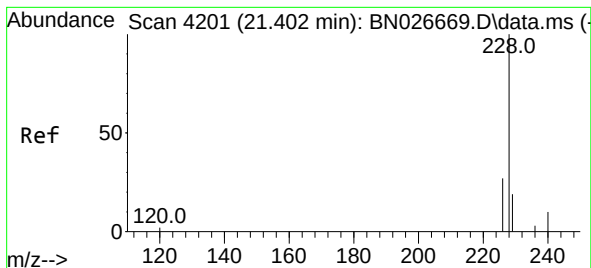
Tgt Ion:202 Resp: 173083
Ion Ratio Lower Upper
202 100
101 7.1 7.0 10.4
100 5.7 6.0 9.0#



#20
Pyrene
Concen: 0.520 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026675.D
Acq: 23 Jul 2023 14:05

Tgt Ion:202 Resp: 24172
Ion Ratio Lower Upper
202 100
101 9.0 8.0 12.0
100 7.4 6.2 9.2





#21

Benzo(a)anthracene

Concen: 1.442 ng/ul

RT: 21.399 min Scan# 41

Delta R.T. -0.003 min

Lab File: BN026675.D

Acq: 23 Jul 2023 14:05

Instrument :

BNA_N

ClientSampleId :

A46T5

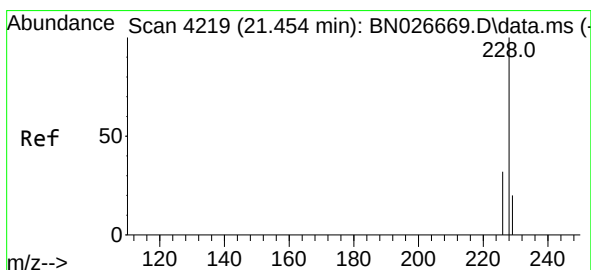
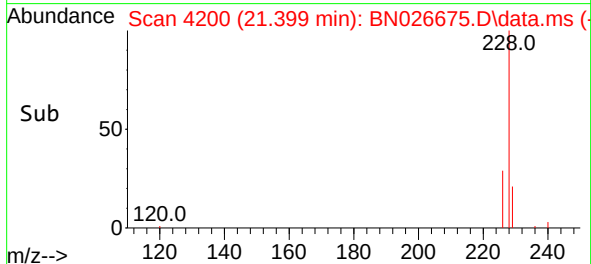
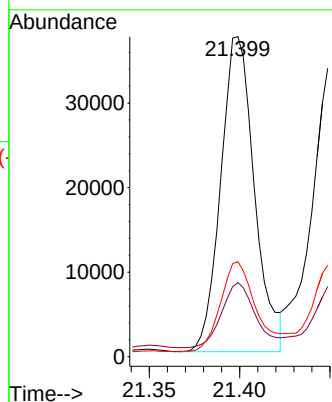
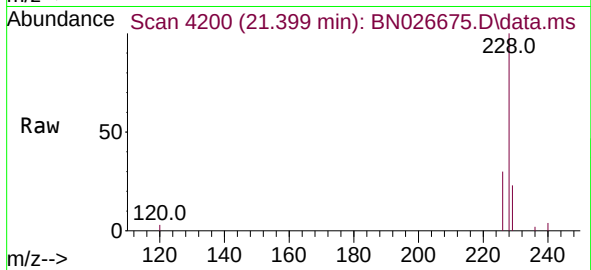
Tgt Ion:228 Resp: 48424

Ion Ratio Lower Upper

228 100

229 23.1 16.7 25.1

226 29.7 23.5 35.3



#22

Chrysene

Concen: 1.241 ng/ul

RT: 21.449 min Scan# 4217

Delta R.T. -0.006 min

Lab File: BN026675.D

Acq: 23 Jul 2023 14:05

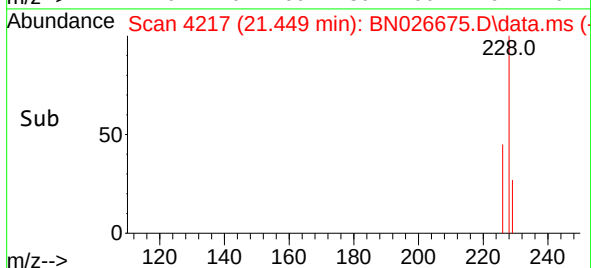
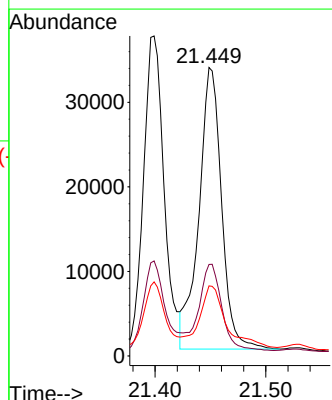
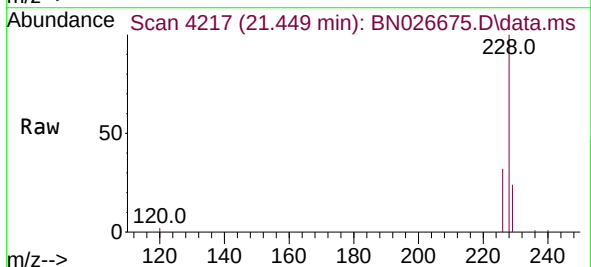
Tgt Ion:228 Resp: 47433

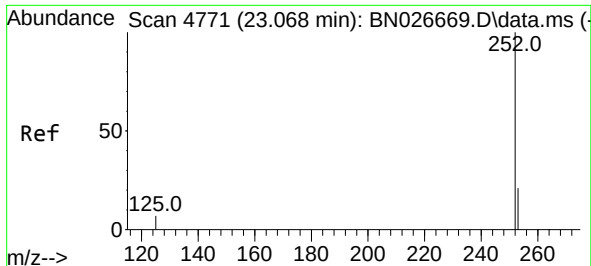
Ion Ratio Lower Upper

228 100

226 31.7 25.2 37.8

229 24.3 16.4 24.6

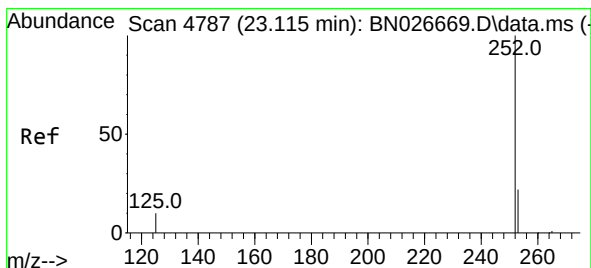
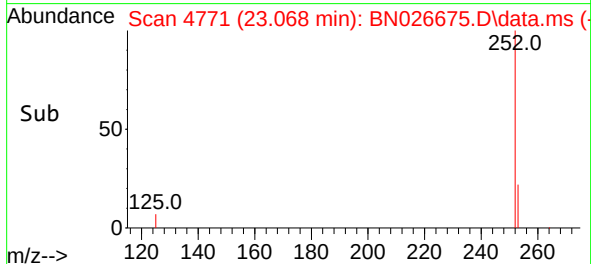
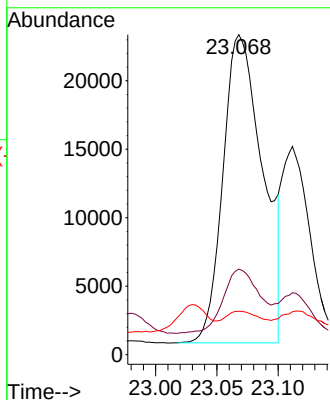
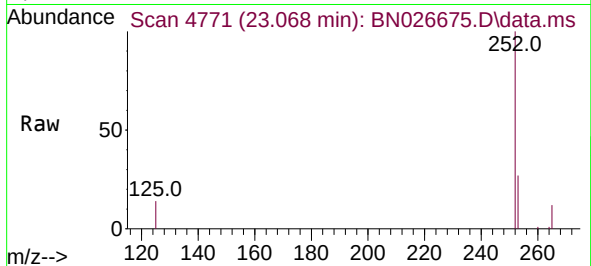




#24
Benzo(b)fluoranthene
Concen: 1.475 ng/ul
RT: 23.068 min Scan# 4771
Delta R.T. 0.000 min
Lab File: BN026675.D
Acq: 23 Jul 2023 14:05

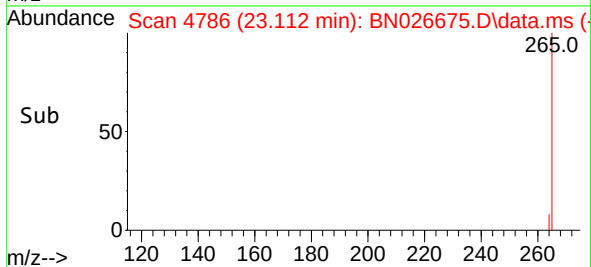
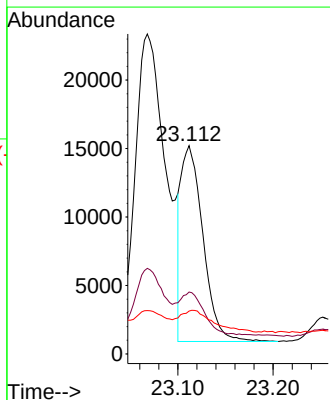
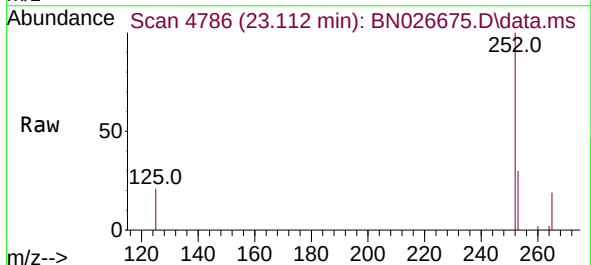
Instrument :
BNA_N
ClientSampleId :
A46T5

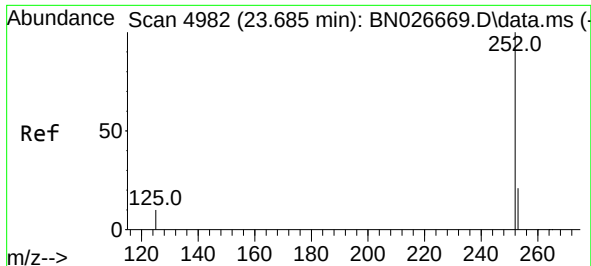
Tgt Ion:252 Resp: 50724
Ion Ratio Lower Upper
252 100
253 26.7 0.0 68.6
125 13.6 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.634 ng/ul
RT: 23.112 min Scan# 4786
Delta R.T. -0.003 min
Lab File: BN026675.D
Acq: 23 Jul 2023 14:05

Tgt Ion:252 Resp: 22848
Ion Ratio Lower Upper
252 100
253 29.7 27.2 40.8
125 20.6 13.4 20.2#

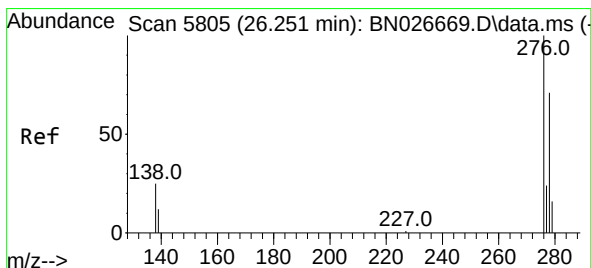
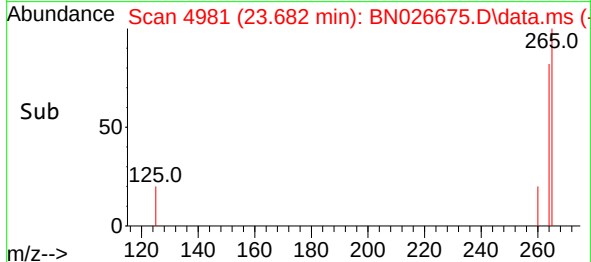
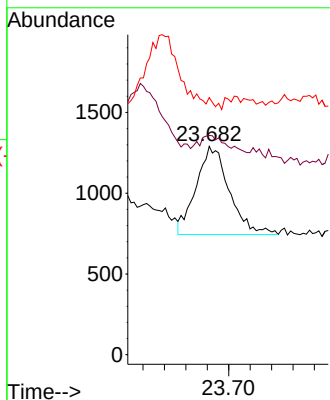
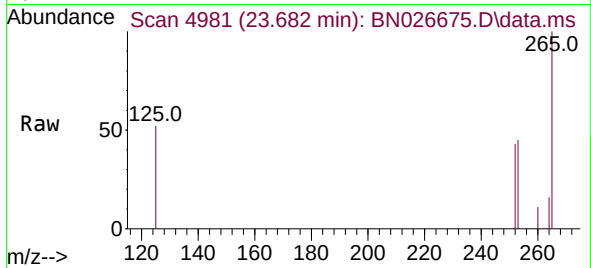




#26
Benzo(a)pyrene
Concen: 0.038 ng/ul
RT: 23.682 min Scan# 4982
Delta R.T. -0.003 min
Lab File: BN026675.D
Acq: 23 Jul 2023 14:05

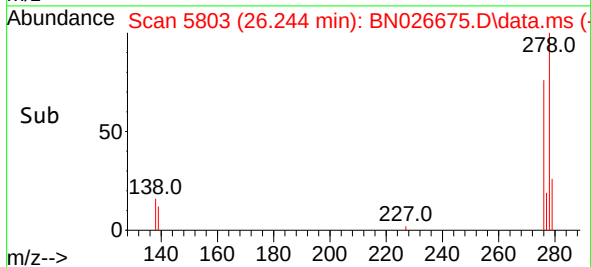
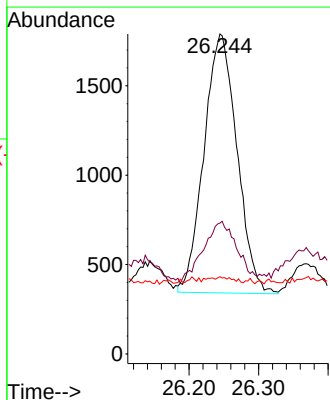
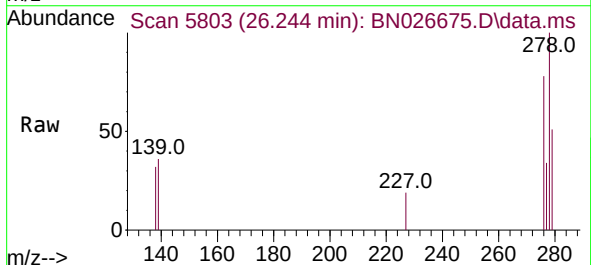
Instrument :
BNA_N
ClientSampleId :
A46T5

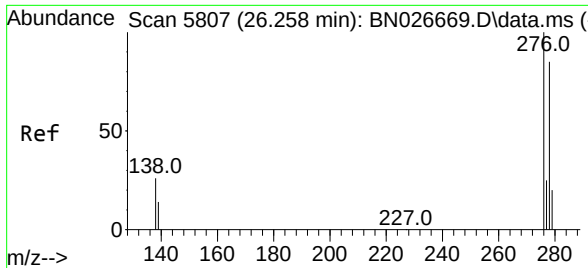
Tgt Ion:252 Resp: 1169
Ion Ratio Lower Upper
252 100
253 105.2 32.6 49.0#
125 123.4 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.119 ng/ul
RT: 26.244 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BN026675.D
Acq: 23 Jul 2023 14:05

Tgt Ion:276 Resp: 4774
Ion Ratio Lower Upper
276 100
138 25.9 22.2 33.4
227 1.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.239 ng/ul

RT: 26.248 min Scan# 51

Delta R.T. -0.010 min

Lab File: BN026675.D

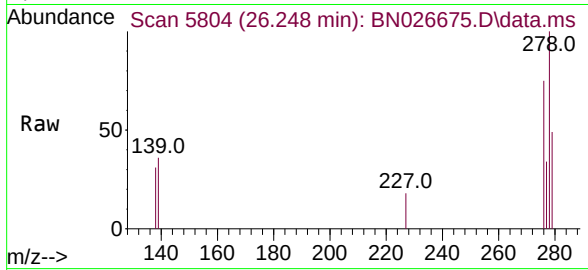
Acq: 23 Jul 2023 14:05

Instrument :

BNA_N

ClientSampleId :

A46T5



Tgt Ion:278 Resp: 7353

Ion Ratio Lower Upper

278 100

139 36.0 18.9 28.3#

279 48.9 31.3 46.9#

