

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026673.D
 Acq On : 23 Jul 2023 12:52
 Operator : MA/JU
 Sample : 03504-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 24 00:40:57 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)

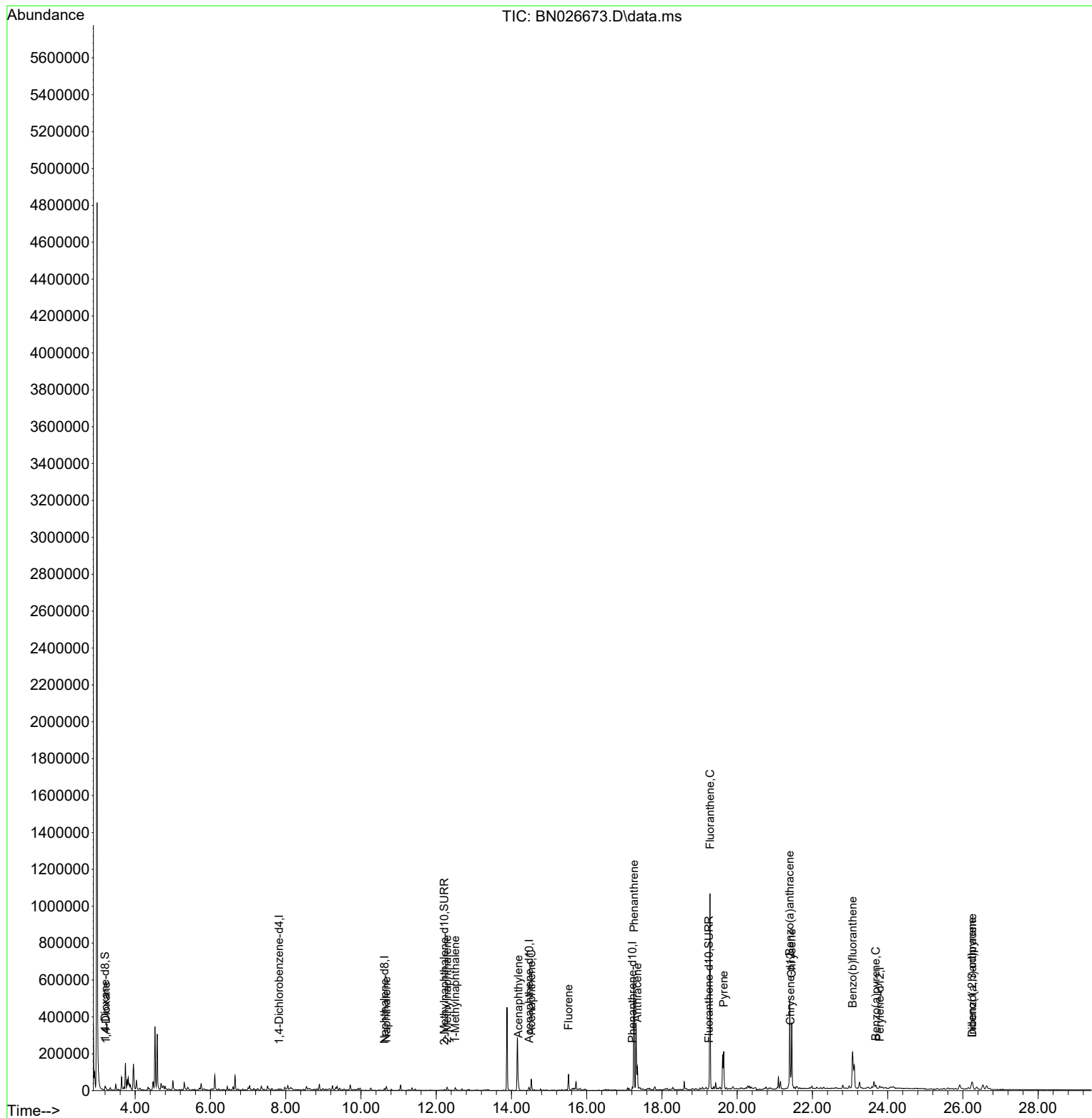
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	4815	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	14497	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.467	164	9376	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	22896	0.400	ng/ul	0.00
17) Chrysene-d12	21.413	240	14182	0.400	ng/ul	0.00
23) Perylene-d12	23.790	264	17639	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	12721	2.006	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.214	152	6330	0.321	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	13006	0.265	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.224	88	1551	0.258	ng/ul#	1
5) Naphthalene	10.674	128	30370	0.763	ng/ul	98
7) 2-Methylnaphthalene	12.291	142	12186	0.539	ng/ul	100
8) 1-Methylnaphthalene	12.506	142	9748	0.403	ng/ul	97
10) Acenaphthylene	14.185	152	38960	0.849	ng/ul	99
11) Acenaphthene	14.527	153	35779	1.023	ng/ul	99
12) Fluorene	15.517	166	55875	1.523	ng/ul	98
15) Phenanthrene	17.257	178	662729	9.089	ng/ul	97
16) Anthracene	17.346	178	131625	2.080	ng/ul	96
19) Fluoranthene	19.278	202	937286	14.100	ng/ul#	93
20) Pyrene	19.641	202	207600	2.876	ng/ul	96
21) Benzo(a)anthracene	21.396	228	430408	8.259	ng/ul	98
22) Chrysene	21.449	228	315459	5.318	ng/ul	97
24) Benzo(b)fluoranthene	23.068	252	512878	7.463	ng/ul	81
26) Benzo(a)pyrene	23.682	252	26564	0.434	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.241	276	42966	0.536	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.247	278	52088	0.847	ng/ul	92

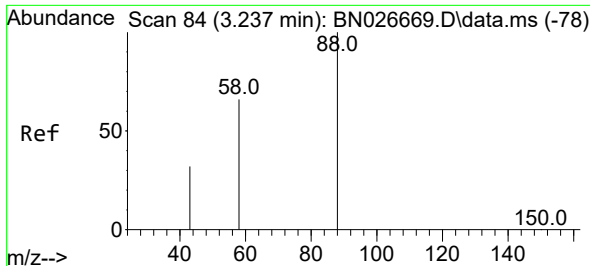
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
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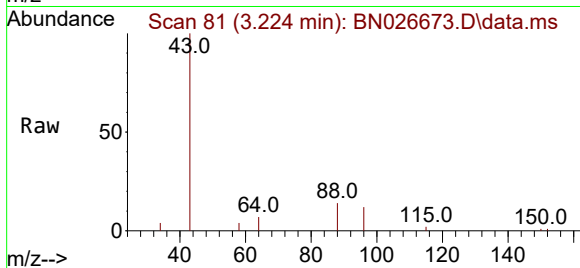
Quant Time: Jul 24 00:40:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration



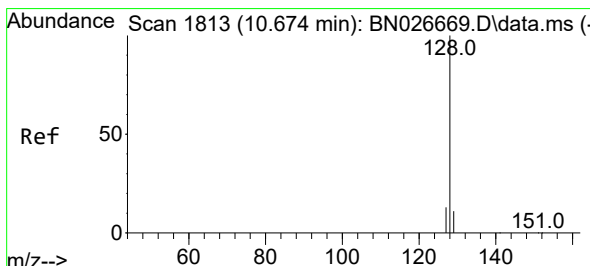
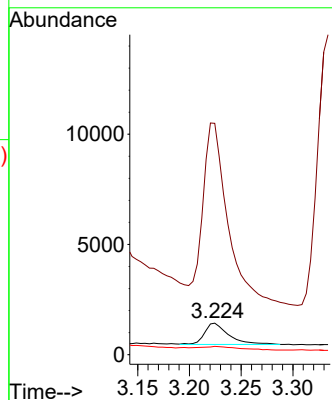
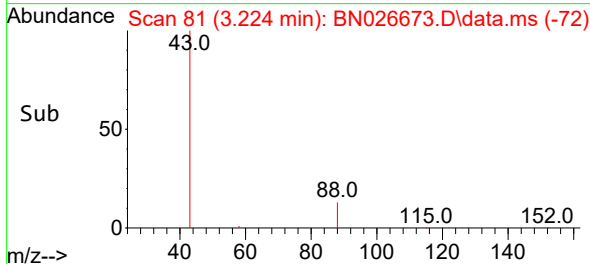


#2
1,4-Dioxane
Concen: 0.258 ng/ul
RT: 3.224 min Scan# 81
Delta R.T. -0.013 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

Instrument :
BNA_N
ClientSampleId :

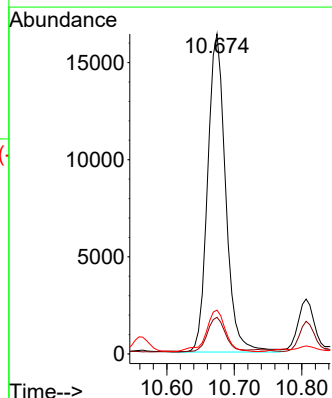
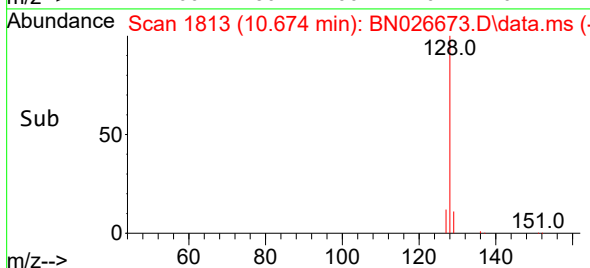
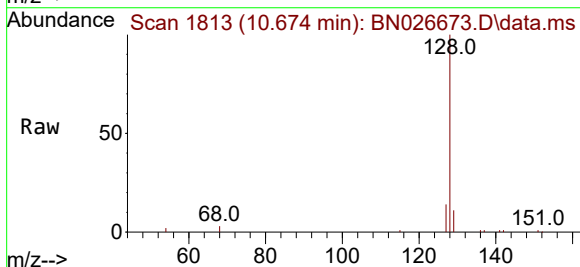


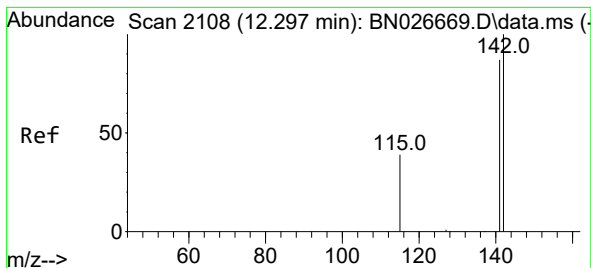
Tgt Ion: 88 Resp: 1551
Ion Ratio Lower Upper
88 100
43 735.1 33.0 49.6#
58 26.2 41.7 62.5#



#5
Naphthalene
Concen: 0.763 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

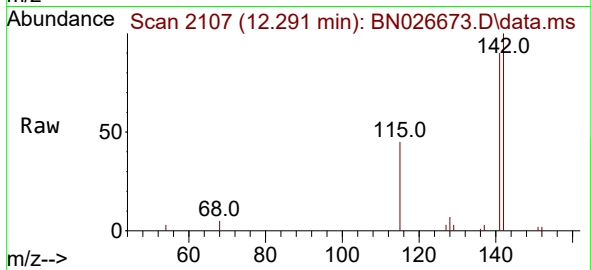
Tgt Ion: 128 Resp: 30370
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.7 11.4 17.0



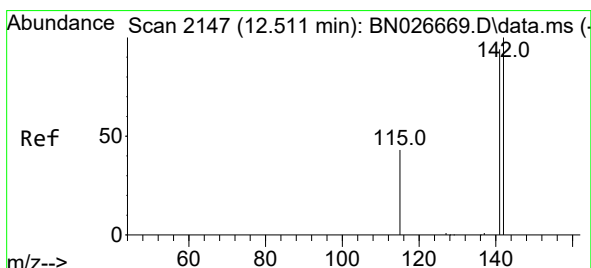
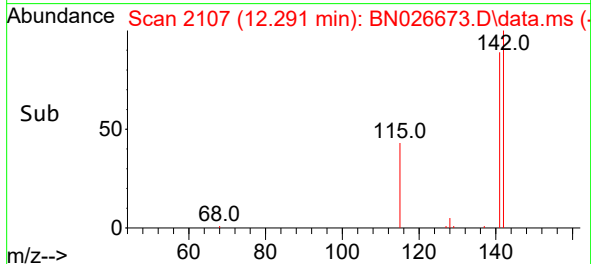
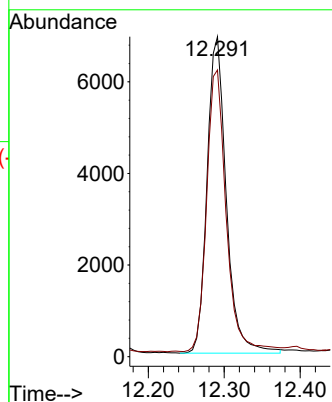


#7
2-Methylnaphthalene
Concen: 0.539 ng/ul
RT: 12.291 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

Instrument :
BNA_N
ClientSampleId :

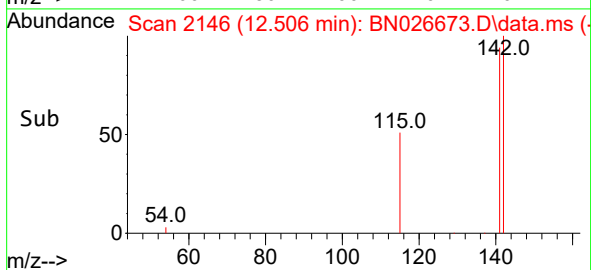
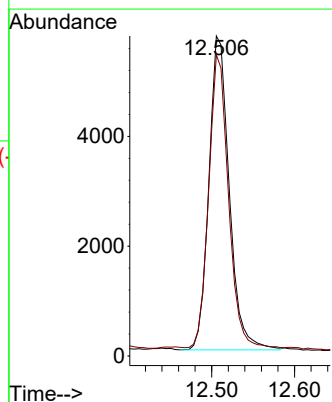
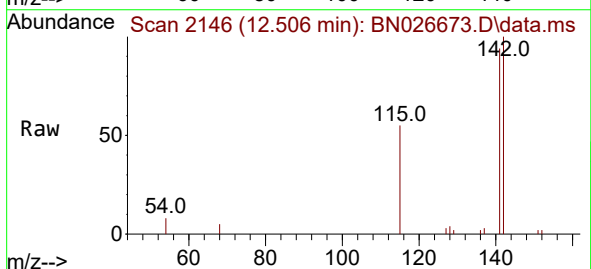


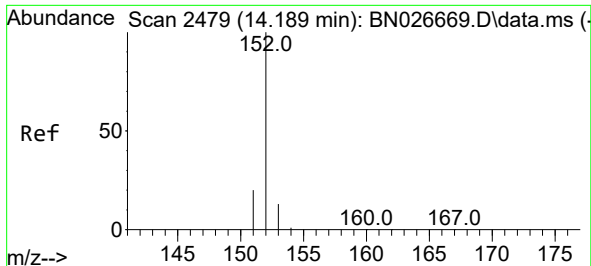
Tgt Ion:142 Resp: 12186
Ion Ratio Lower Upper
142 100
141 90.3 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

Tgt Ion:142 Resp: 9748
Ion Ratio Lower Upper
142 100
141 89.8 74.5 111.7

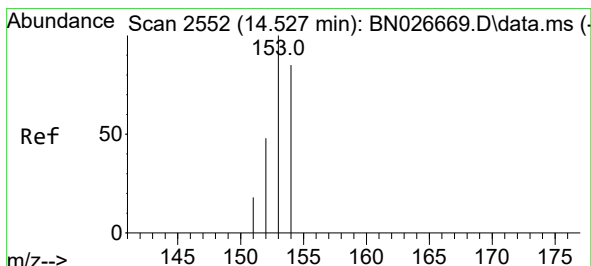
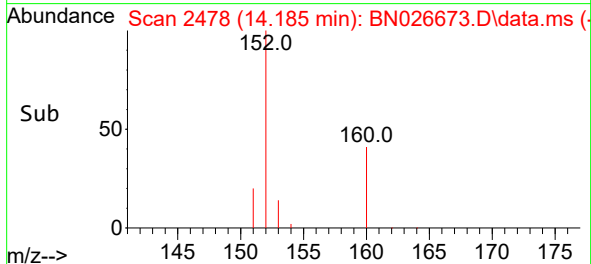
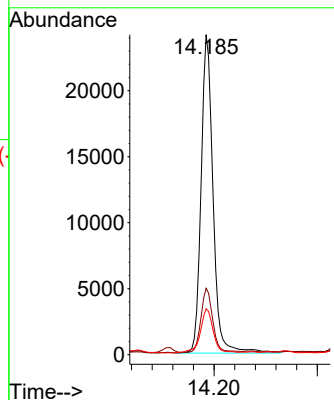
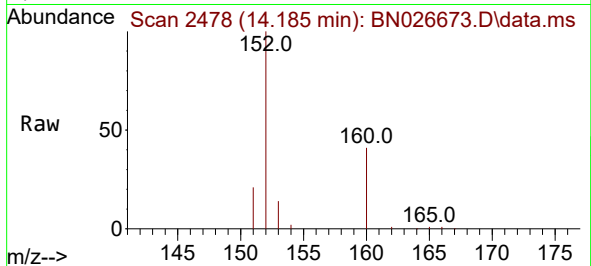




#10
Acenaphthylene
Concen: 0.849 ng/ul
RT: 14.185 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

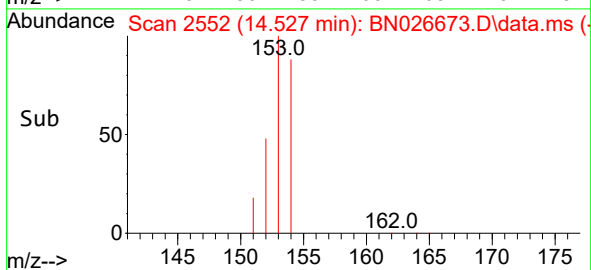
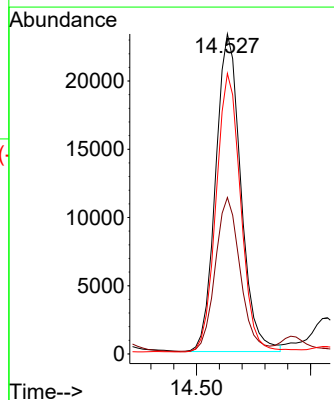
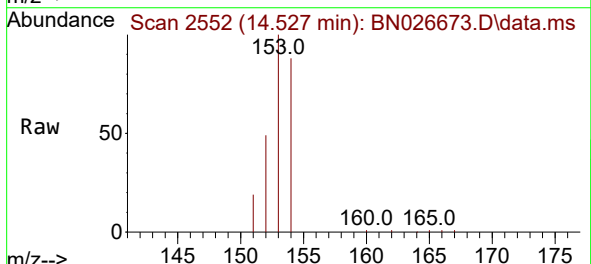
Instrument :
BNA_N
ClientSampleId :

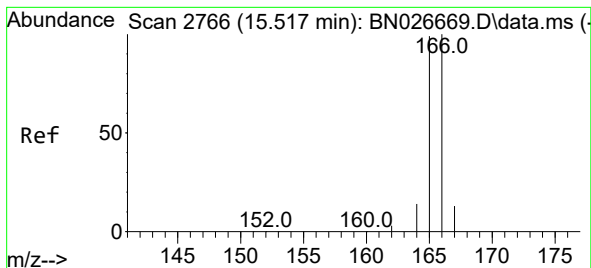
Tgt Ion:152 Resp: 38960
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.6
153 14.4 11.4 17.2



#11
Acenaphthene
Concen: 1.023 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

Tgt Ion:153 Resp: 35779
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.4
154 87.6 69.3 103.9





#12

Fluorene

Concen: 1.523 ng/ul

RT: 15.517 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN026673.D

Acq: 23 Jul 2023 12:52

Instrument :

BNA_N

ClientSampleId :

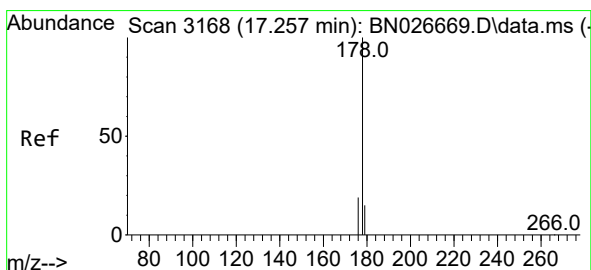
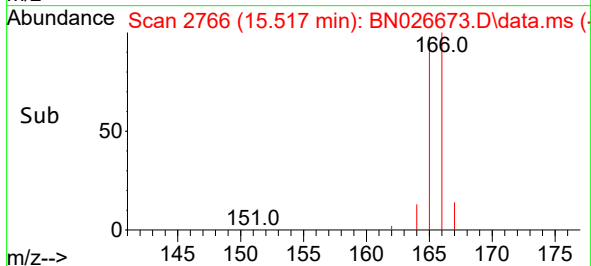
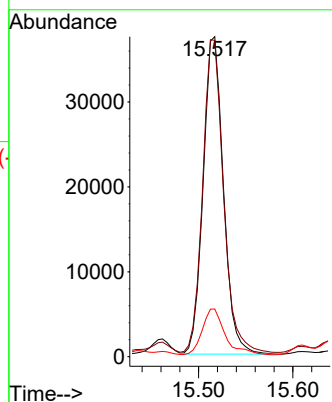
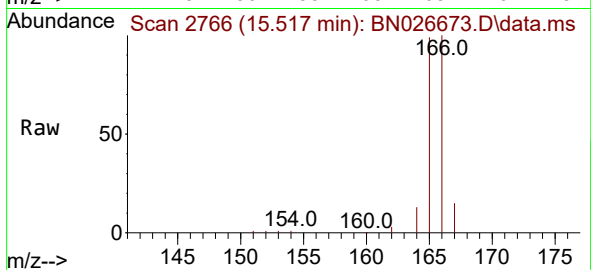
Tgt Ion:166 Resp: 55875

Ion Ratio Lower Upper

166 100

165 98.8 80.6 120.8

167 14.9 12.0 18.0



#15

Phenanthrene

Concen: 9.089 ng/ul

RT: 17.257 min Scan# 3168

Delta R.T. -0.000 min

Lab File: BN026673.D

Acq: 23 Jul 2023 12:52

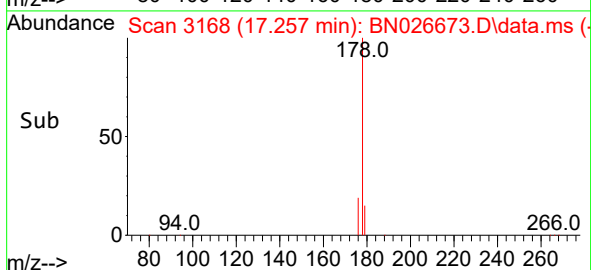
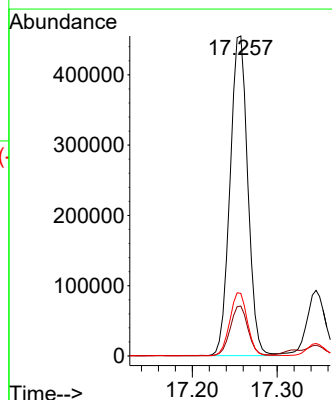
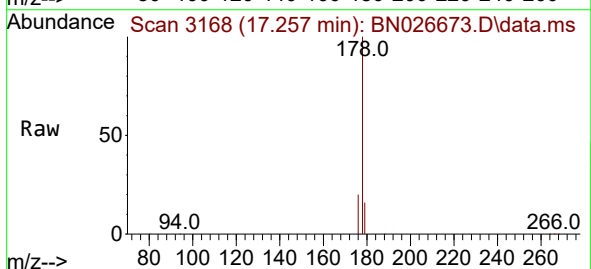
Tgt Ion:178 Resp: 662729

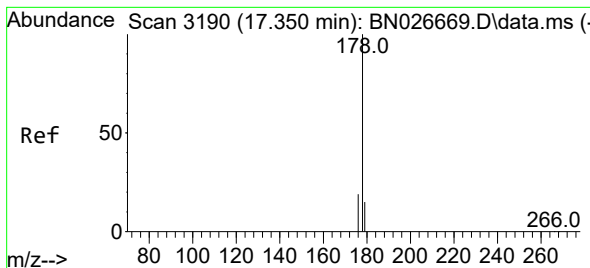
Ion Ratio Lower Upper

178 100

179 15.6 13.7 20.5

176 19.5 16.5 24.7





#16

Anthracene

Concen: 2.080 ng/ul

RT: 17.346 min Scan# 31

Delta R.T. -0.004 min

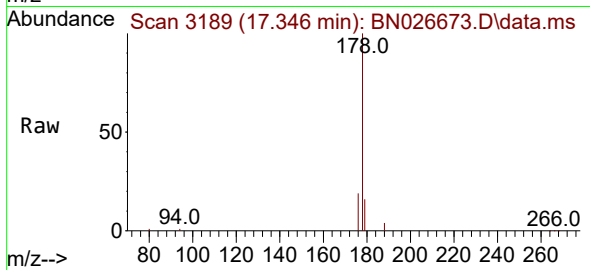
Lab File: BN026673.D

Acq: 23 Jul 2023 12:52

Instrument :

BNA_N

ClientSampleId :



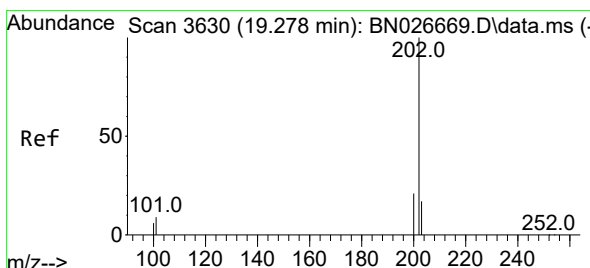
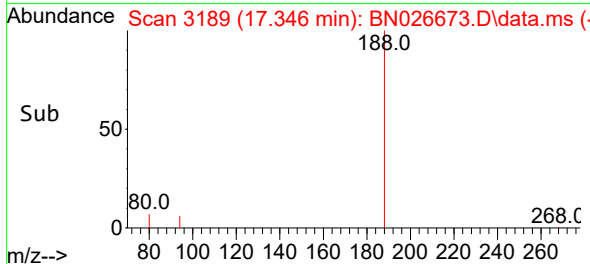
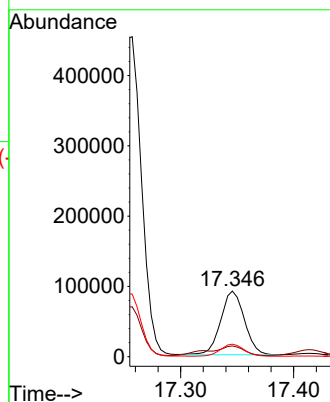
Tgt Ion:178 Resp: 131625

Ion Ratio Lower Upper

178 100

179 16.4 14.8 22.2

176 19.1 16.6 25.0



#19

Fluoranthene

Concen: 14.100 ng/ul

RT: 19.278 min Scan# 3630

Delta R.T. -0.000 min

Lab File: BN026673.D

Acq: 23 Jul 2023 12:52

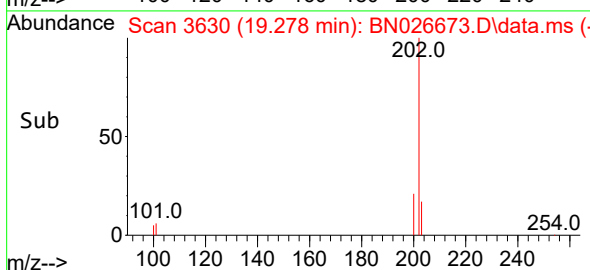
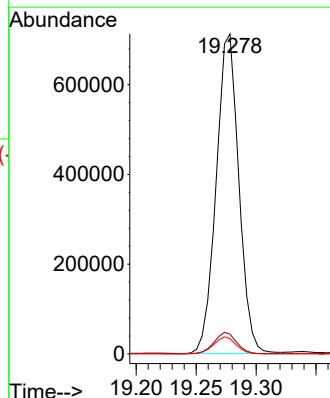
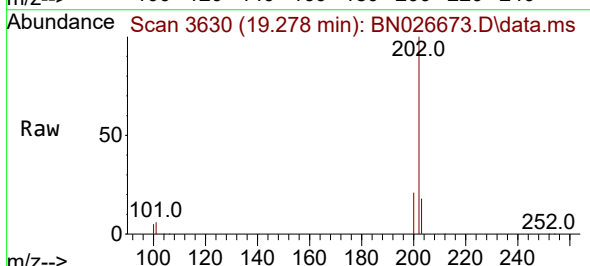
Tgt Ion:202 Resp: 937286

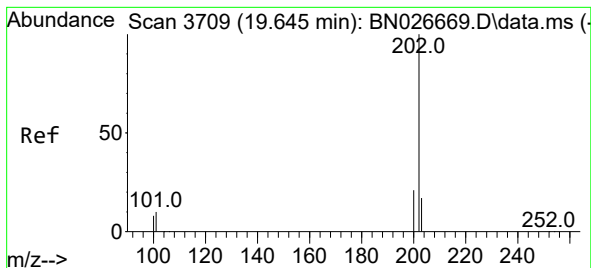
Ion Ratio Lower Upper

202 100

101 6.2 7.0 10.4#

100 4.8 6.0 9.0#





#20

Pyrene

Concen: 2.876 ng/ul

RT: 19.641 min Scan# 31

Delta R.T. -0.005 min

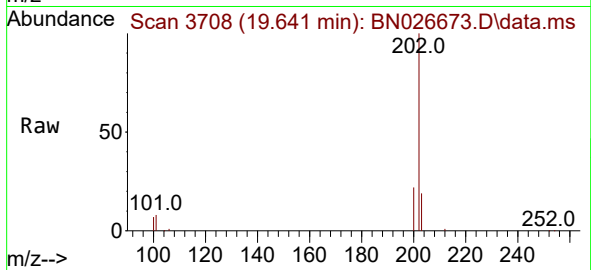
Lab File: BN026673.D

Acq: 23 Jul 2023 12:52

Instrument :

BNA_N

ClientSampleId :



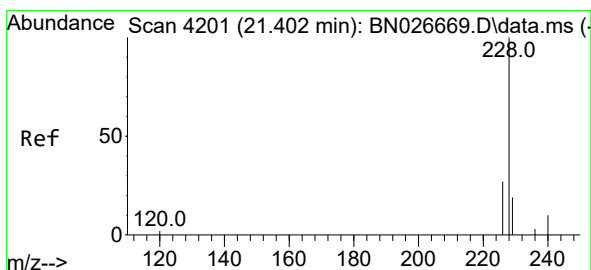
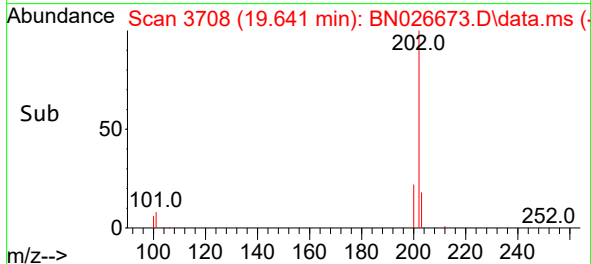
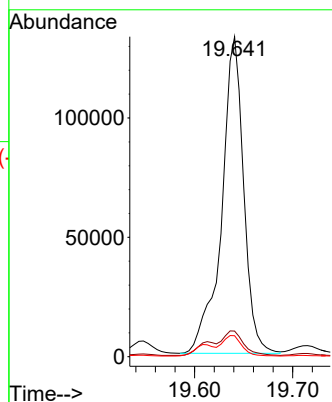
Tgt Ion:202 Resp: 207600

Ion Ratio Lower Upper

202 100

101 8.0 8.0 12.0

100 6.5 6.2 9.2



#21

Benzo(a)anthracene

Concen: 8.259 ng/ul

RT: 21.396 min Scan# 4199

Delta R.T. -0.006 min

Lab File: BN026673.D

Acq: 23 Jul 2023 12:52

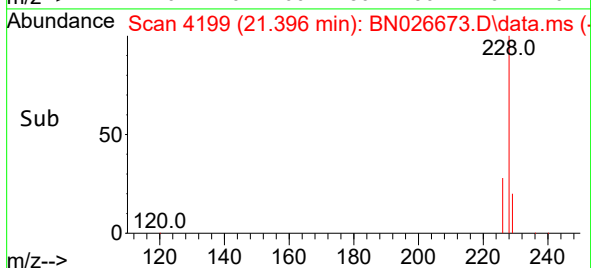
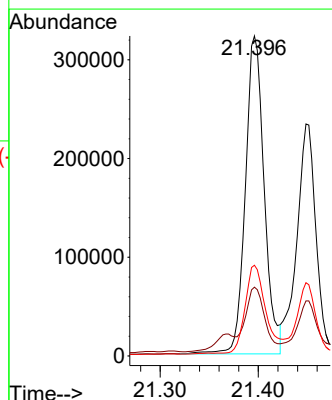
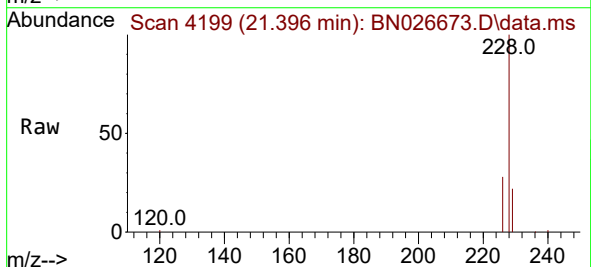
Tgt Ion:228 Resp: 430408

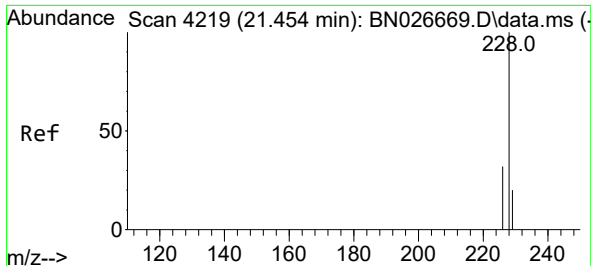
Ion Ratio Lower Upper

228 100

229 21.5 16.7 25.1

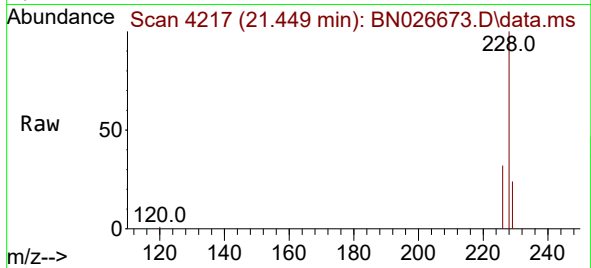
226 28.3 23.5 35.3



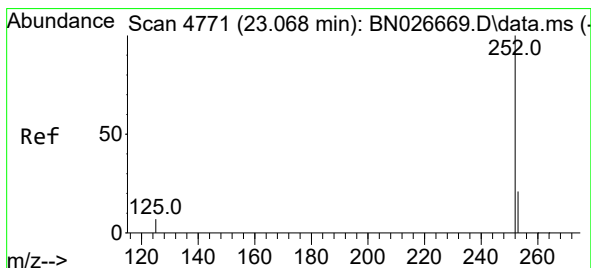
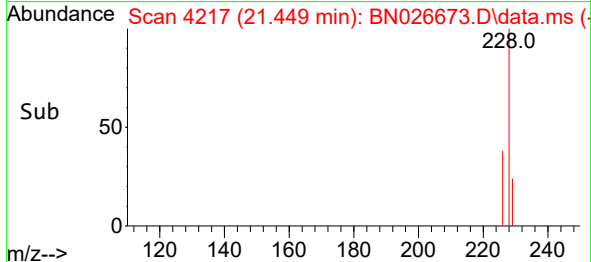
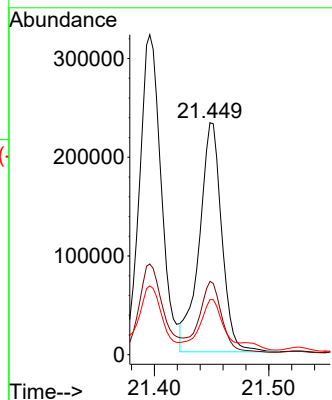


#22
Chrysene
Concen: 5.318 ng/ul
RT: 21.449 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

Instrument :
BNA_N
ClientSampleId :

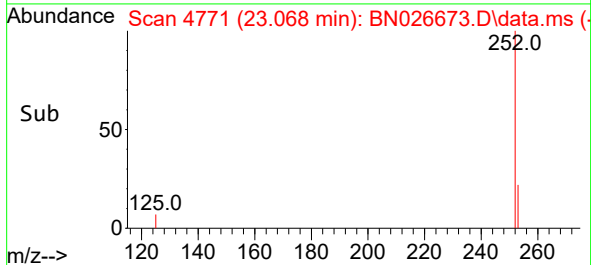
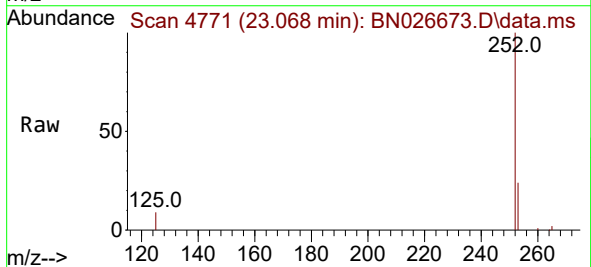
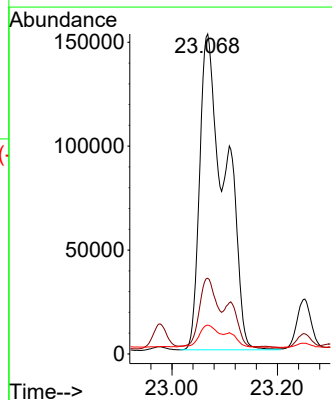


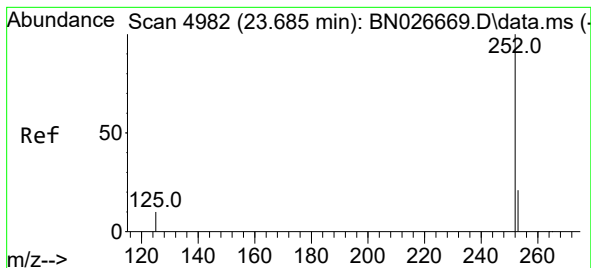
Tgt Ion:228 Resp: 315459
Ion Ratio Lower Upper
228 100
226 31.6 25.2 37.8
229 23.7 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 7.463 ng/ul
RT: 23.068 min Scan# 4771
Delta R.T. -0.000 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

Tgt Ion:252 Resp: 512878
Ion Ratio Lower Upper
252 100
253 23.6 0.0 68.6
125 9.0 0.0 34.0





#26

Benzo(a)pyrene

Concen: 0.434 ng/ul

RT: 23.682 min Scan# 4982

Delta R.T. -0.003 min

Lab File: BN026673.D

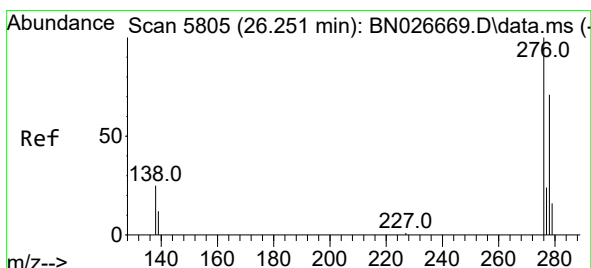
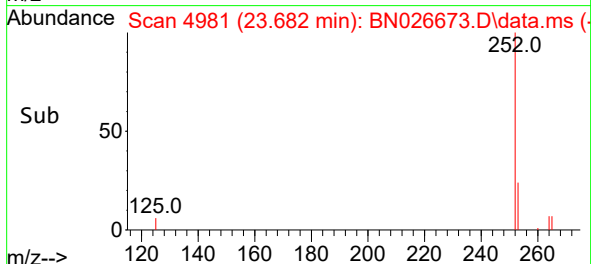
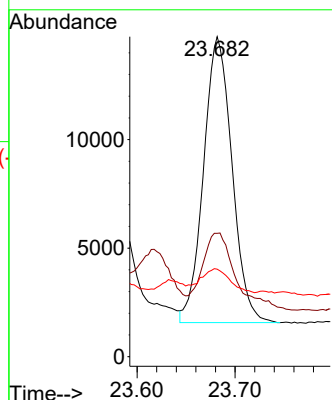
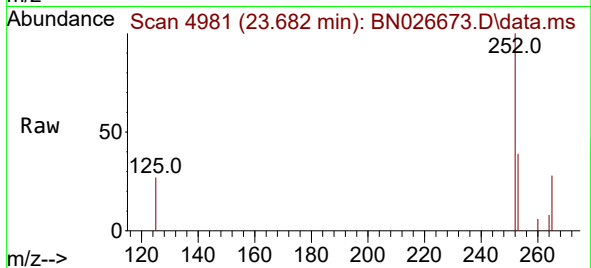
Acq: 23 Jul 2023 12:52

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:252	Resp:	26564
Ion Ratio	Lower	Upper
252	100	
253	38.6	32.6 49.0
125	27.4	19.3 28.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.536 ng/ul

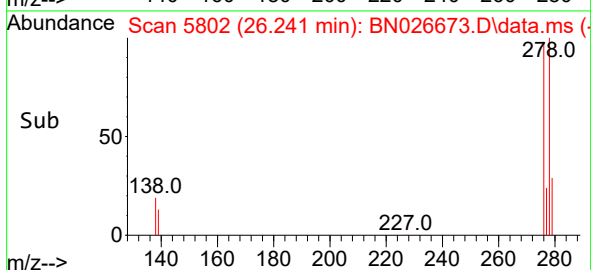
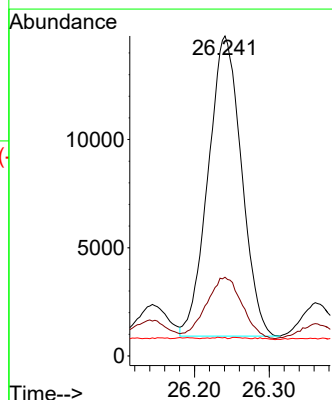
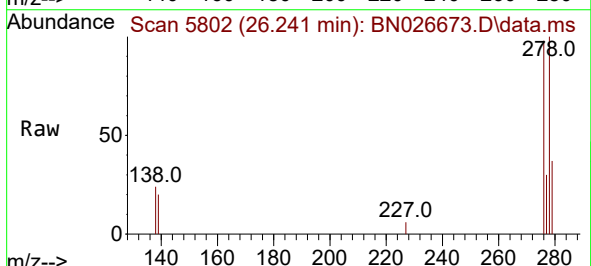
RT: 26.241 min Scan# 5802

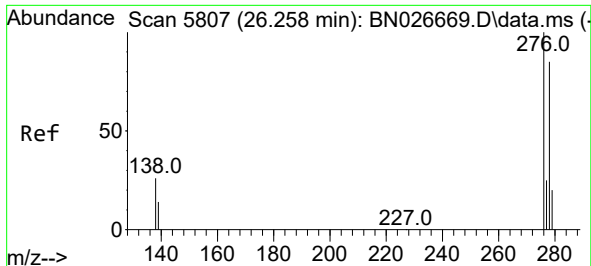
Delta R.T. -0.010 min

Lab File: BN026673.D

Acq: 23 Jul 2023 12:52

Tgt Ion:276	Resp:	42966
Ion Ratio	Lower	Upper
276	100	
138	22.1	22.2 33.4#
227	0.3	0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.847 ng/ul

RT: 26.247 min Scan# 51

Delta R.T. -0.010 min

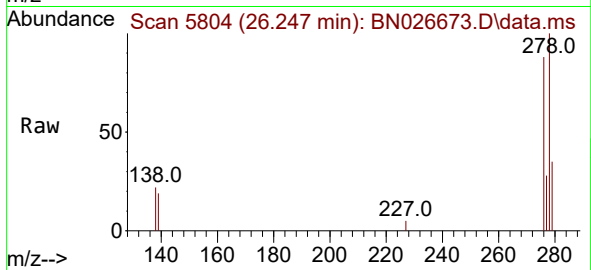
Lab File: BN026673.D

Acq: 23 Jul 2023 12:52

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:278 Resp: 52088

Ion Ratio Lower Upper

278 100

139 19.2 18.9 28.3

279 34.9 31.3 46.9

