

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 :
 A46S3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

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
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	343363m	4.997	ng/ul	
25) Benzo(k)fluoranthene	23.109	252	176572m	2.451	ng/ul	
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

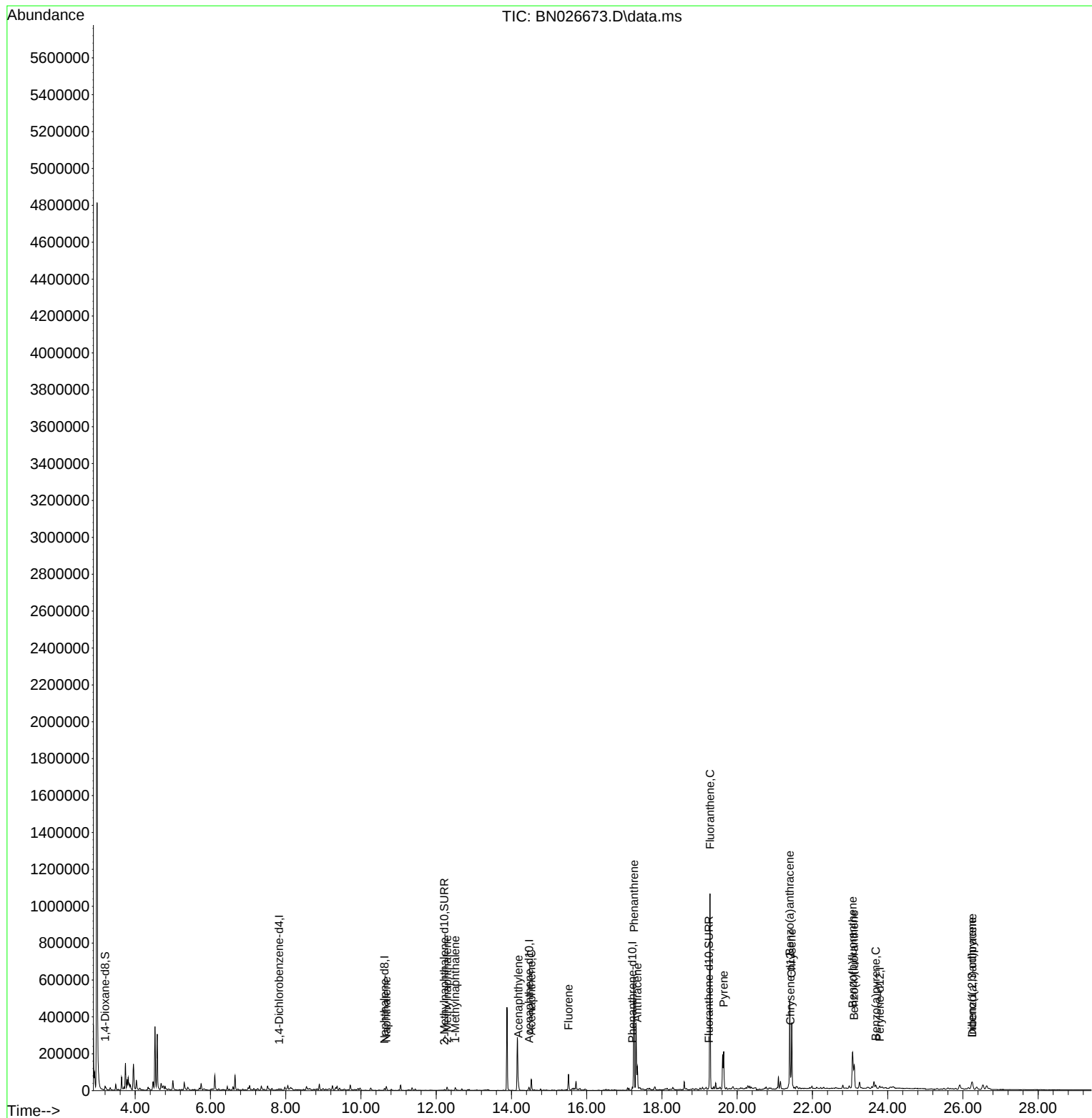
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026673.D
Acq On : 23 Jul 2023 12:52
Operator : MA/JU
Sample : 03504-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

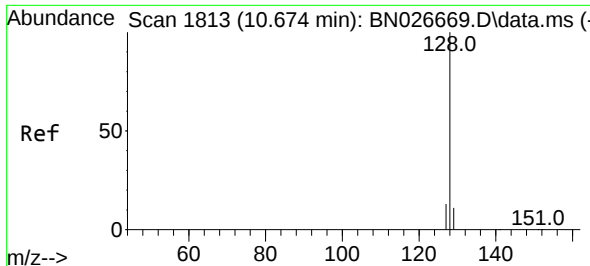
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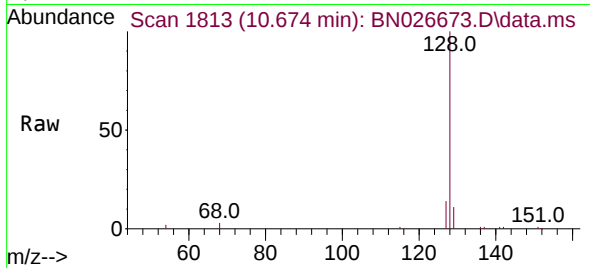
Quant Time: Jul 24 00:40:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#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

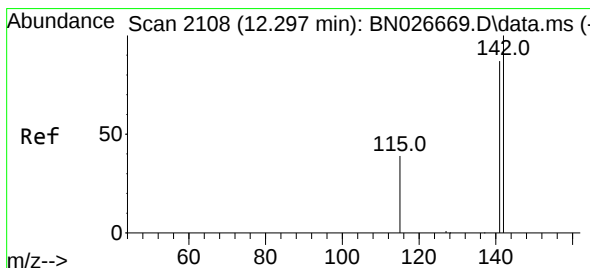
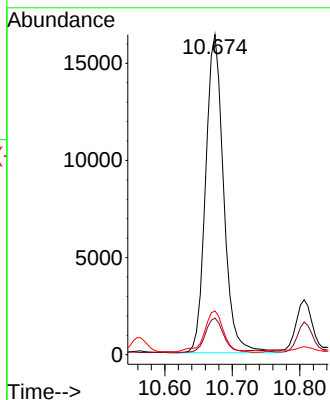
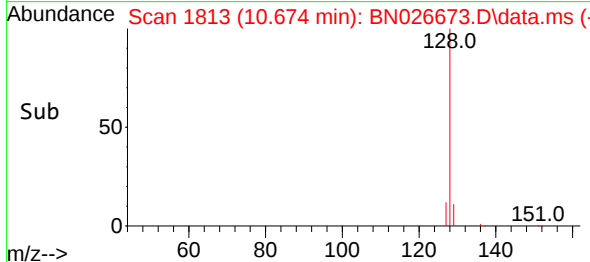
Instrument :
BNA_N
ClientSampleId :
A46S3



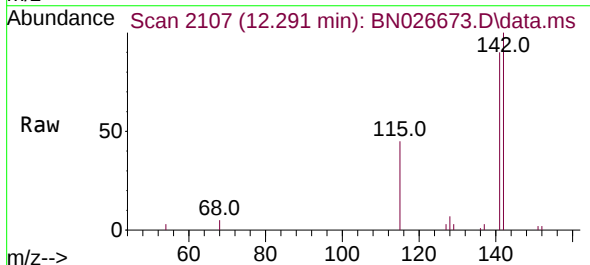
Tgt Ion:128 Resp: 30370
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.7 11.4 17.0

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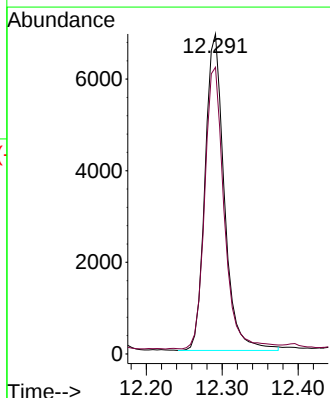
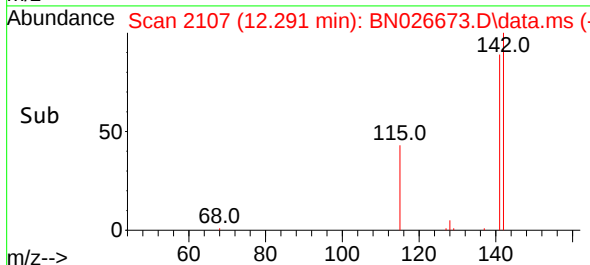
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

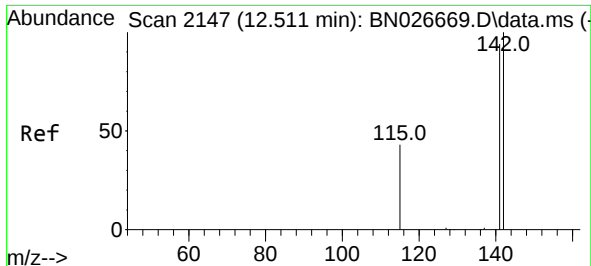


#7
2-Methylnaphthalene
Concen: 0.539 ng/ul
RT: 12.291 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52



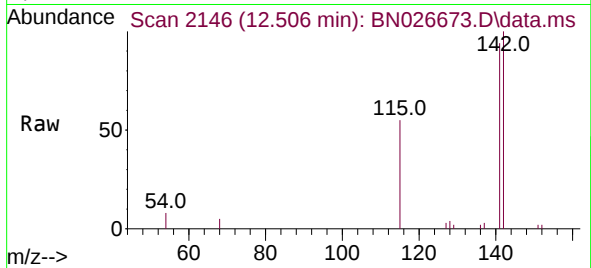
Tgt Ion:142 Resp: 12186
Ion Ratio Lower Upper
142 100
141 90.3 72.3 108.5





#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

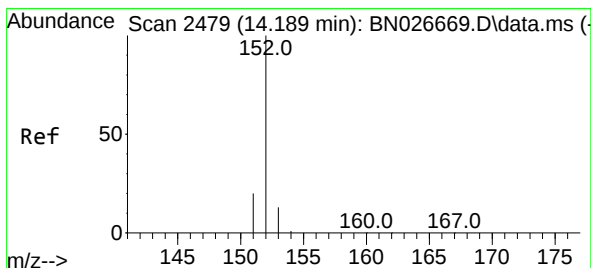
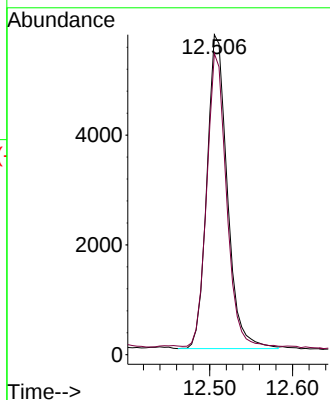
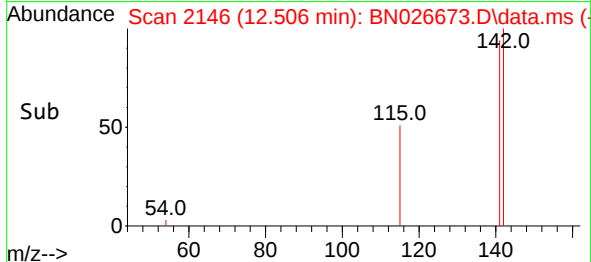
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 9748
Ion Ratio Lower Upper
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141 89.8 74.5 111.7

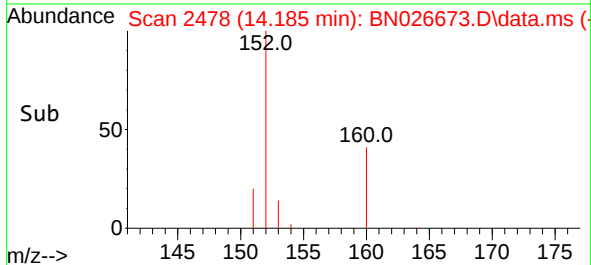
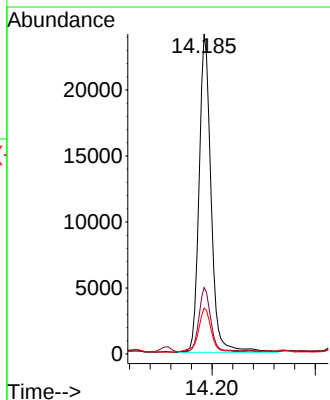
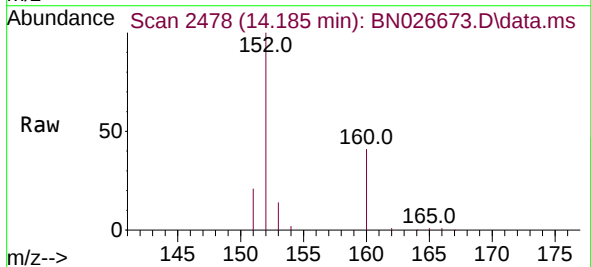
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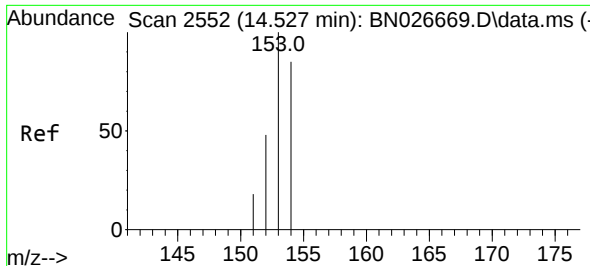
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.849 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

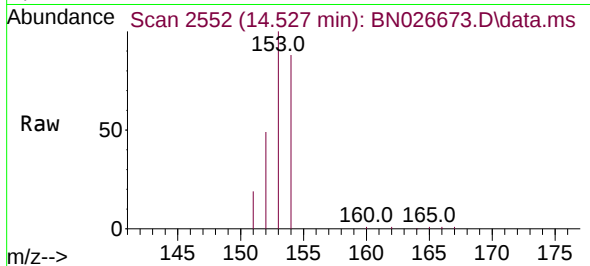
Tgt Ion:152 Resp: 38960
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.6
153 14.4 11.4 17.2





#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

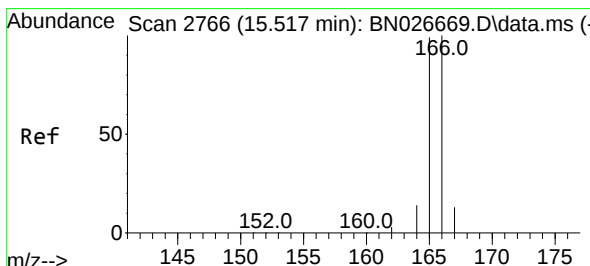
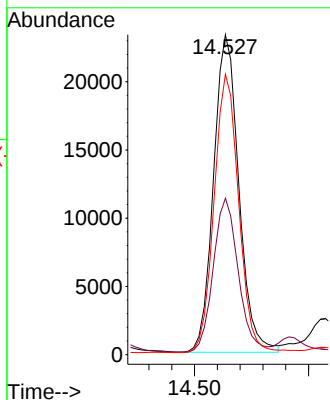
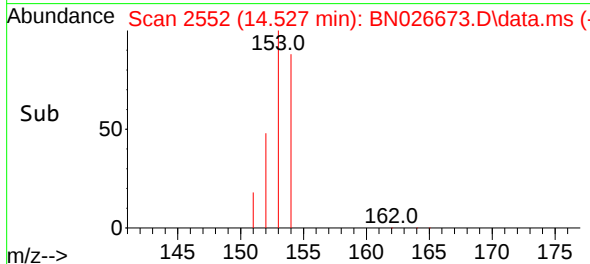
Instrument :
BNA_N
ClientSampleId :
A46S3



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

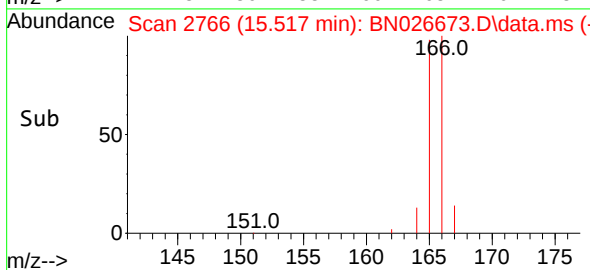
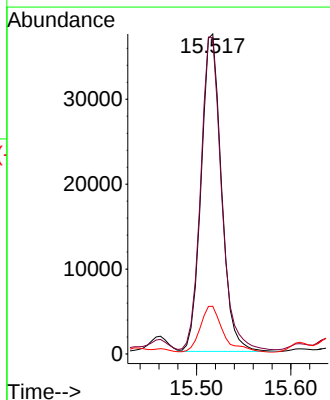
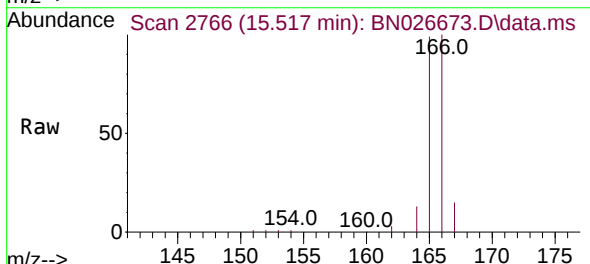
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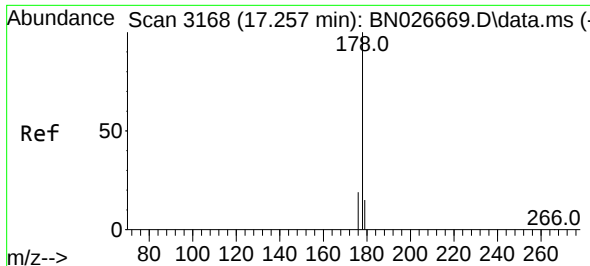
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 1.523 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

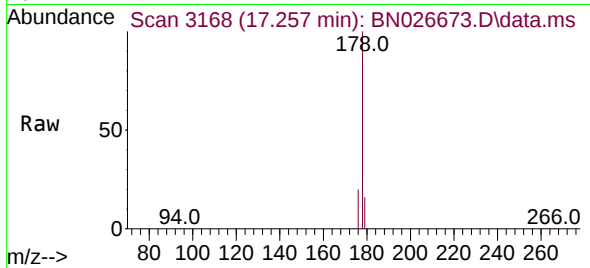
Tgt Ion:166 Resp: 55875
Ion Ratio Lower Upper
166 100
165 98.8 80.6 120.8
167 14.9 12.0 18.0





#15
Phenanthrene
Concen: 9.089 ng/u1
RT: 17.257 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

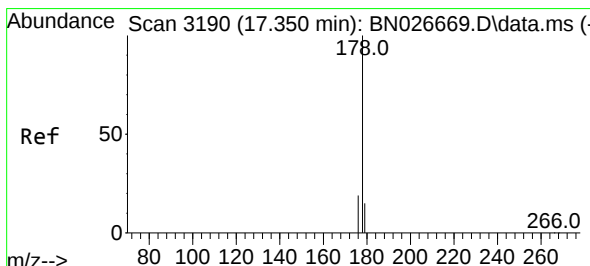
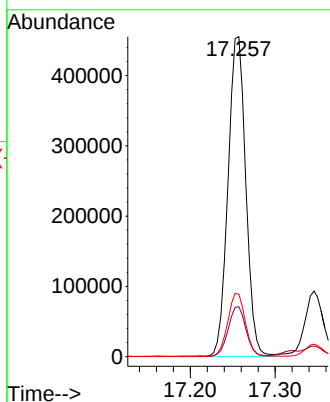
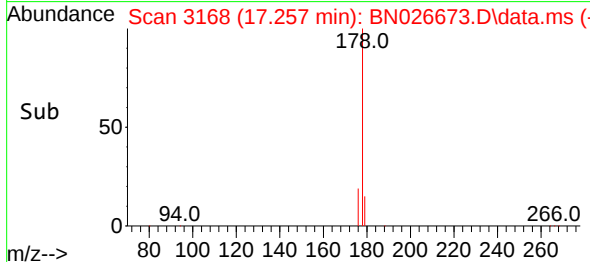
Instrument :
BNA_N
ClientSampleId :
A46S3



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

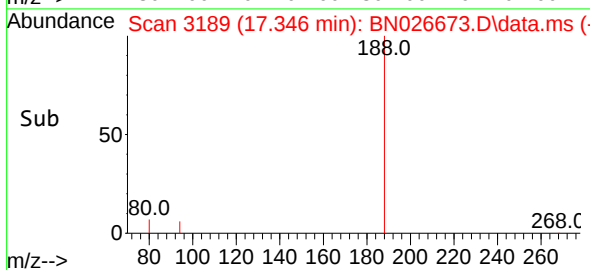
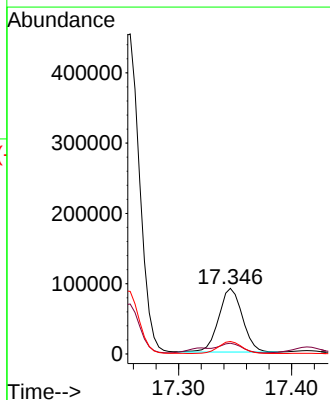
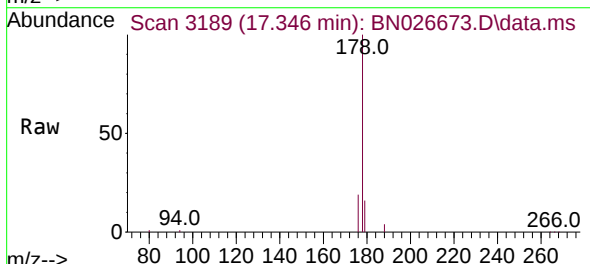
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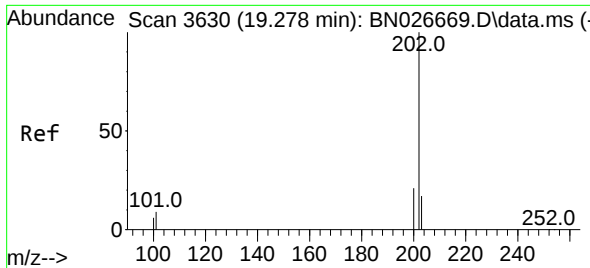
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 2.080 ng/u1
RT: 17.346 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

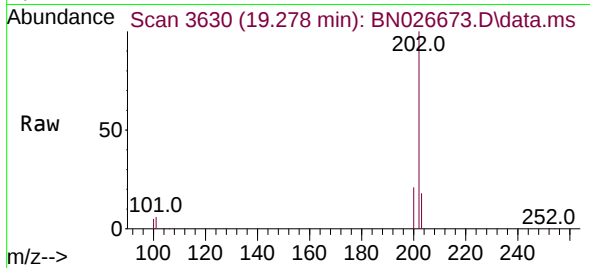
Tgt Ion:178 Resp: 131625
Ion Ratio Lower Upper
178 100
179 16.4 14.8 22.2
176 19.1 16.6 25.0





#19
Fluoranthene
Concen: 14.100 ng/u1
RT: 19.278 min Scan# 3630
Delta R.T. -0.000 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

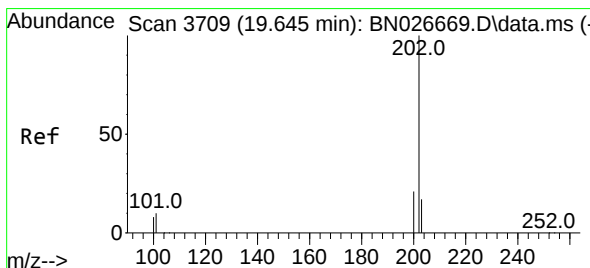
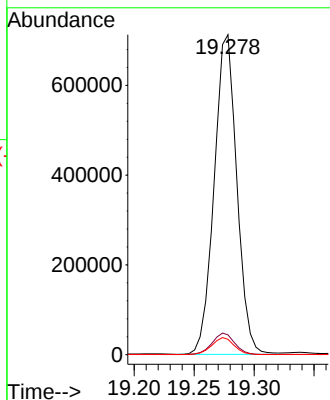
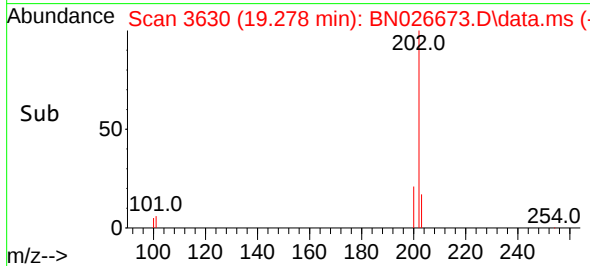
Instrument :
BNA_N
ClientSampleId :
A46S3



Tgt Ion:202 Resp: 937280
Ion Ratio Lower Upper
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101 6.2 7.0 10.4
100 4.8 6.0 9.0

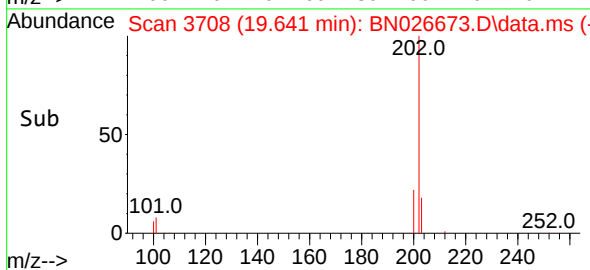
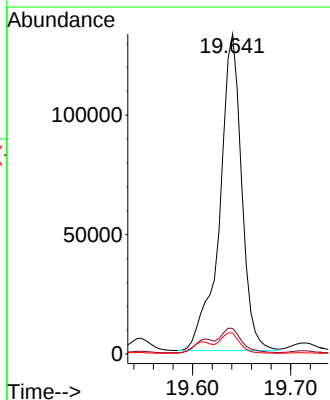
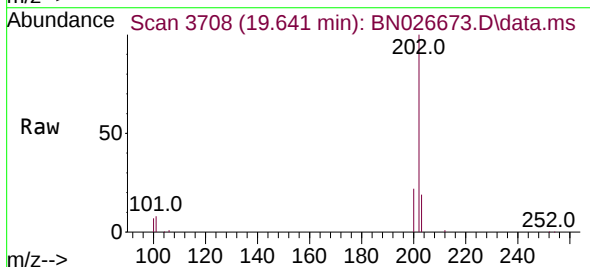
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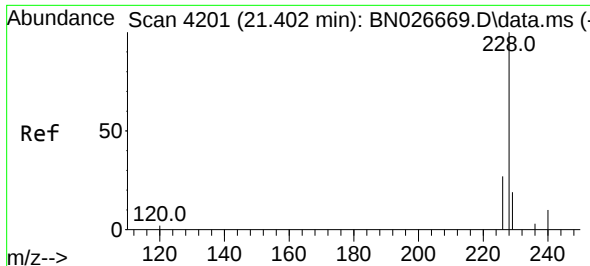
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 2.876 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

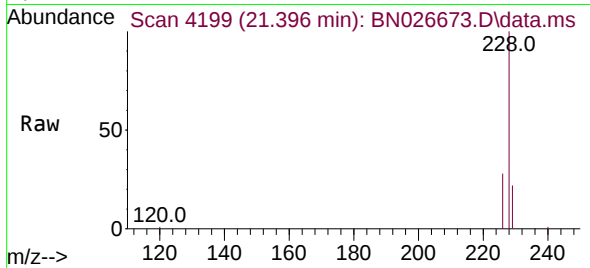
Tgt Ion:202 Resp: 207600
Ion Ratio Lower Upper
202 100
101 8.0 8.0 12.0
100 6.5 6.2 9.2





#21
Benzo(a)anthracene
Concen: 8.259 ng/u1
RT: 21.396 min Scan# 4199
Delta R.T. -0.006 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

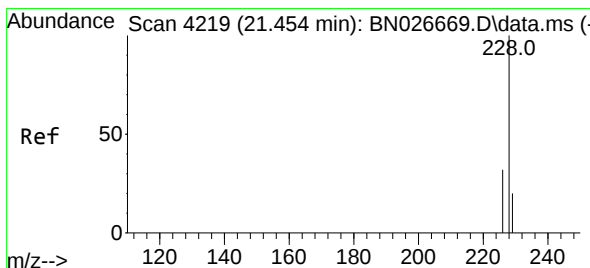
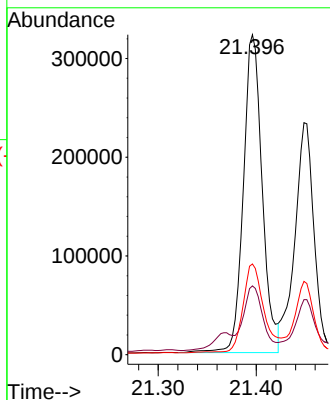
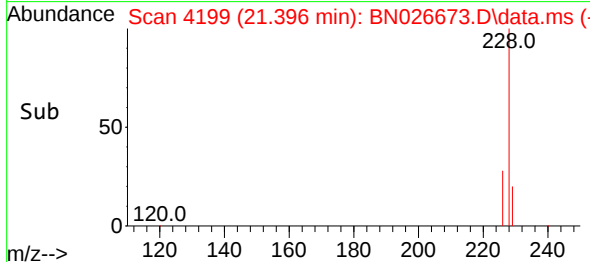
Instrument :
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Tgt Ion:228 Resp: 430408
Ion Ratio Lower Upper
228 100
229 21.5 16.7 25.1
226 28.3 23.5 35.3

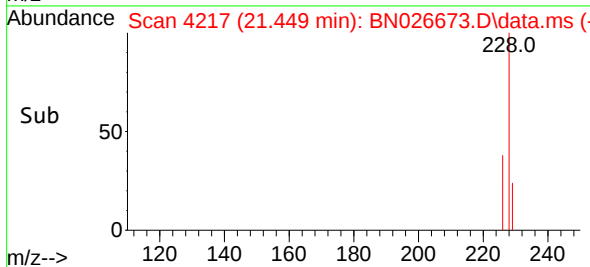
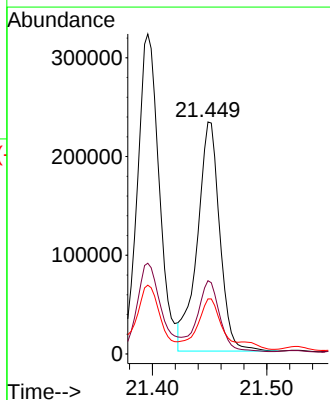
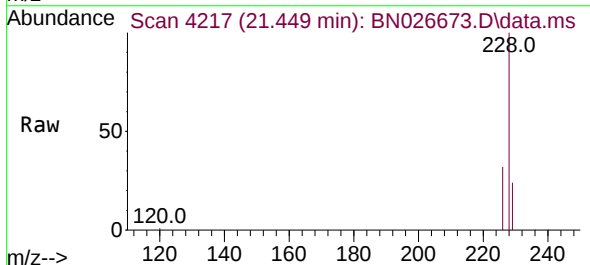
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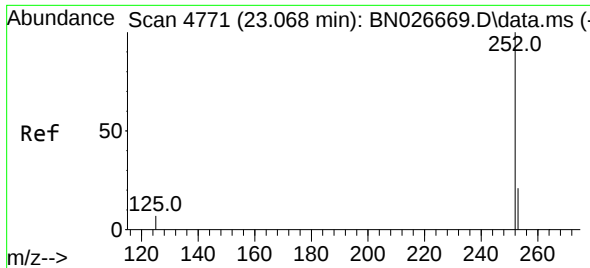
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 5.318 ng/u1
RT: 21.449 min Scan# 4217
Delta R.T. -0.006 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

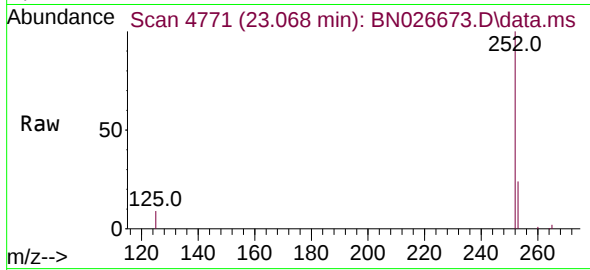
Tgt Ion:228 Resp: 315459
Ion Ratio Lower Upper
228 100
226 31.6 25.2 37.8
229 23.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 4.997 ng/ul m
RT: 23.068 min Scan# 4771
Delta R.T. -0.000 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

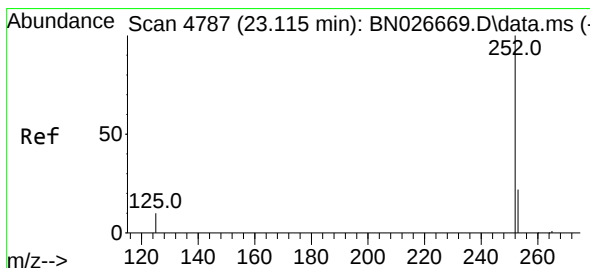
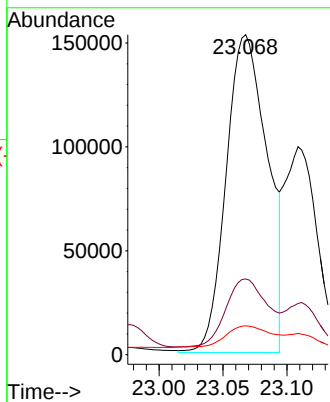
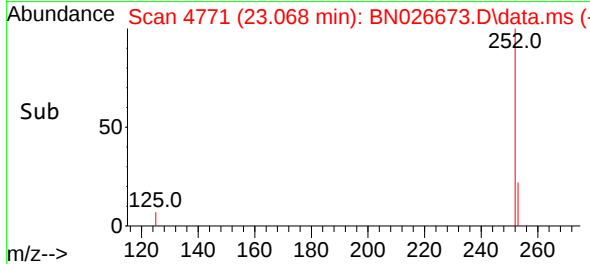
Instrument :
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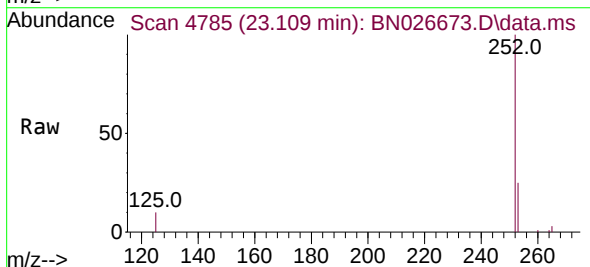
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Ion Ratio Lower Upper
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125 9.0 0.0 34.0

Manual Integrations
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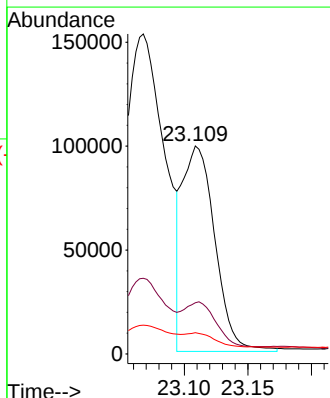
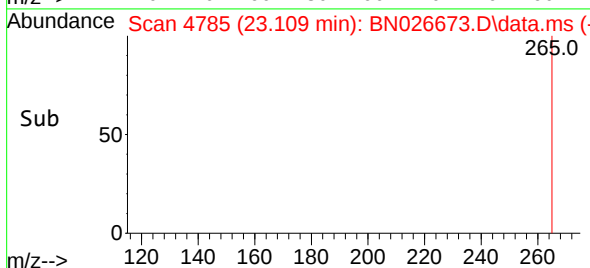
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

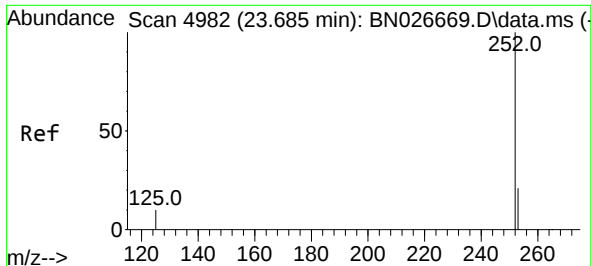


#25
Benzo(k)fluoranthene
Concen: 2.451 ng/ul m
RT: 23.109 min Scan# 4785
Delta R.T. -0.006 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52



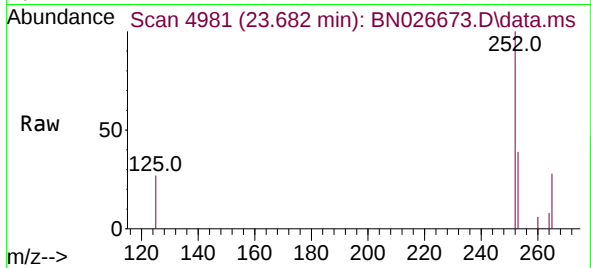
Tgt Ion:252 Resp: 176572
Ion Ratio Lower Upper
252 100
253 24.6 27.2 40.8#
125 10.2 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.434 ng/ul
RT: 23.682 min Scan# 4981
Delta R.T. -0.003 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52

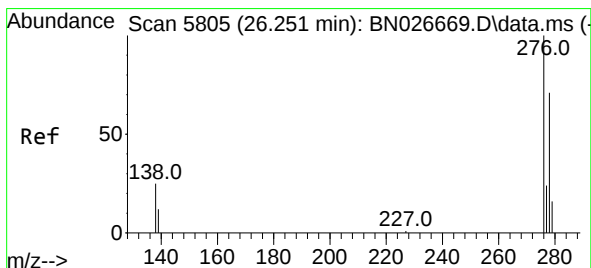
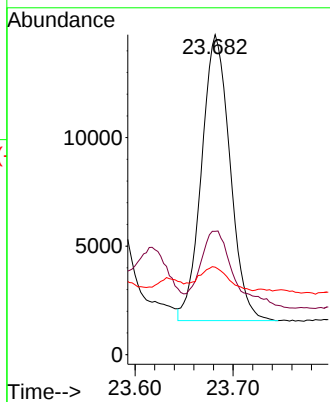
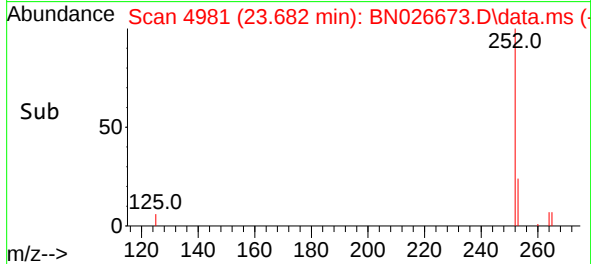
Instrument :
BNA_N
ClientSampleId :
A46S3



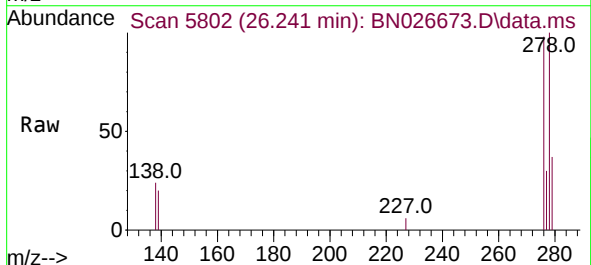
Tgt Ion:252 Resp: 26564
Ion Ratio Lower Upper
252 100
253 38.6 32.6 49.0
125 27.4 19.3 28.9

Manual Integrations
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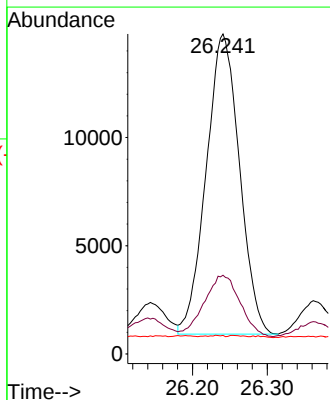
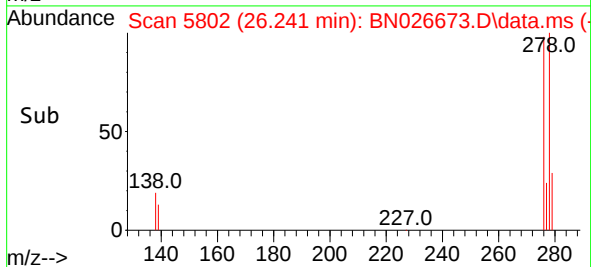
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

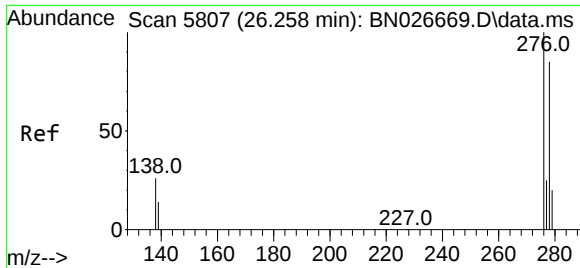


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.536 ng/ul
RT: 26.241 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BN026673.D
Acq: 23 Jul 2023 12:52



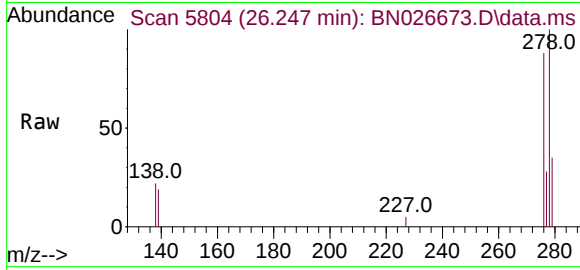
Tgt Ion:276 Resp: 42966
Ion Ratio Lower Upper
276 100
138 22.1 22.2 33.4#
227 0.3 0.1 0.1#





#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 :
 A46S3



Tgt Ion:278 Resp: 5208
 Ion Ratio Lower Upper
 278 100
 139 19.2 18.9 28.3
 279 34.9 31.3 46.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

