

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026719.D
 Acq On : 24 Jul 2023 18:20
 Operator : MA/JU
 Sample : 03504-16DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 21:52:42 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	3416	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	10200	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.462	164	6118	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	15736	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	9645	0.400	ng/ul	# 0.00
23) Perylene-d12	23.781	264	10887	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	1912	0.425	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	1141	0.082	ng/ul	0.00
18) Fluoranthene-d10	19.241	212	2317	0.069	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	3445	0.123	ng/ul	95
7) 2-Methylnaphthalene	12.302	142	1391	0.088	ng/ul	97
8) 1-Methylnaphthalene	12.517	142	1099	0.065	ng/ul	97
10) Acenaphthylene	14.185	152	6553	0.219	ng/ul	96
11) Acenaphthene	14.527	153	5515	0.242	ng/ul	98
12) Fluorene	15.517	166	8135	0.340	ng/ul	99
15) Phenanthrene	17.253	178	136026	2.714	ng/ul	97
16) Anthracene	17.346	178	28549	0.656	ng/ul	98
19) Fluoranthene	19.274	202	262987	5.817	ng/ul	99
20) Pyrene	19.636	202	68680	1.399	ng/ul#	95
21) Benzo(a)anthracene	21.393	228	97478	2.750	ng/ul	99
22) Chrysene	21.446	228	74568	1.848	ng/ul	96
24) Benzo(b)fluoranthene	23.062	252	86249m	2.033	ng/ul	
25) Benzo(k)fluoranthene	23.100	252	38390m	0.864	ng/ul	
26) Benzo(a)pyrene	23.676	252	8689	0.230	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.227	276	10779	0.218	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.238	278	10483	0.276	ng/ul#	79

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

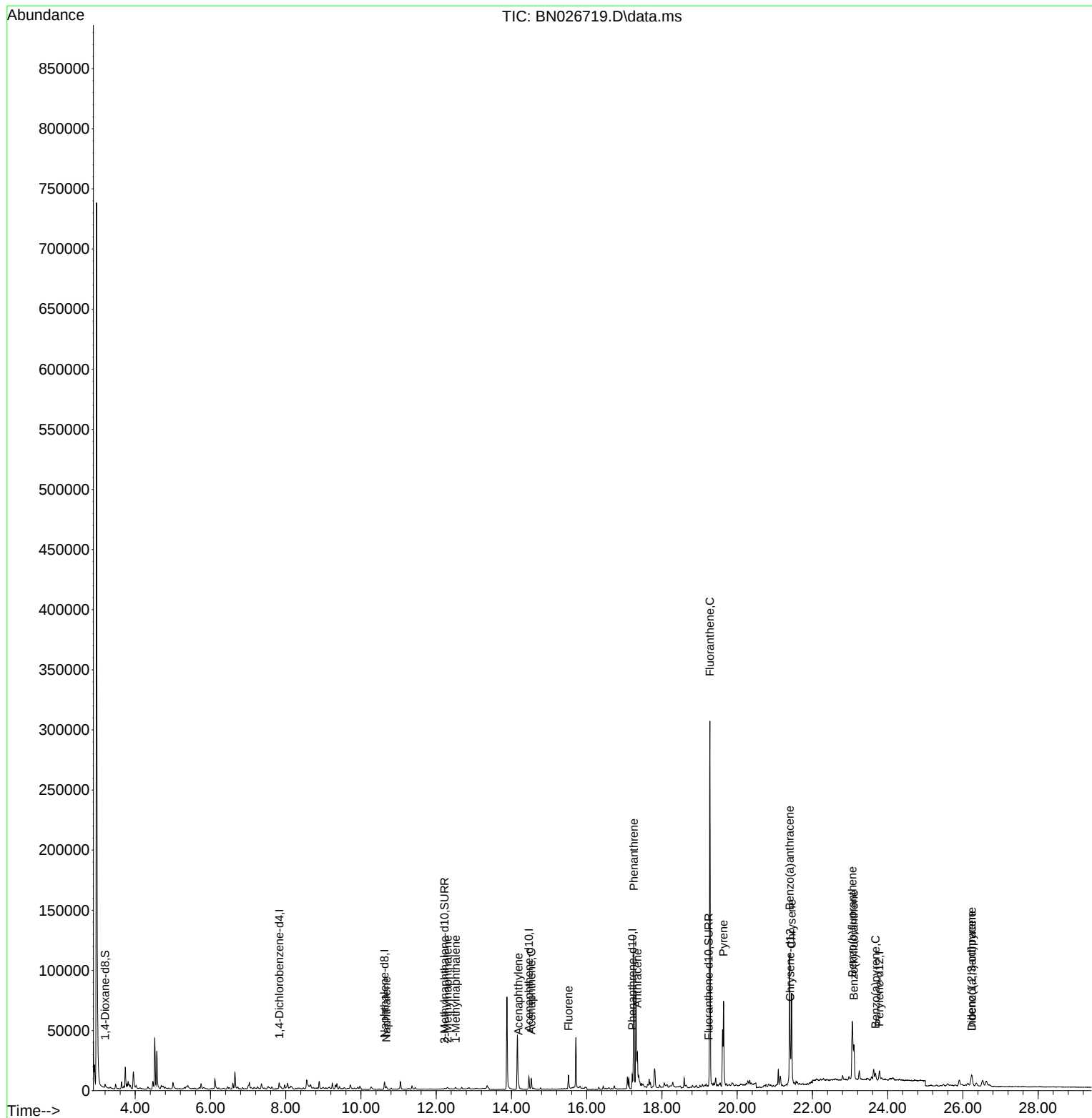
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026719.D
Acq On : 24 Jul 2023 18:20
Operator : MA/JU
Sample : 03504-16DL 5X
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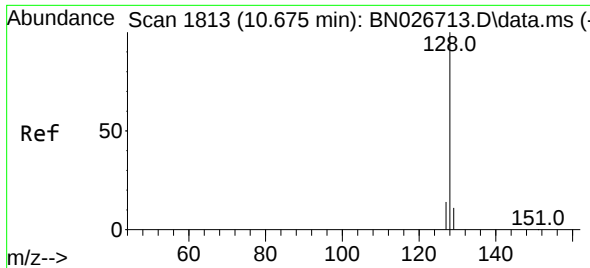
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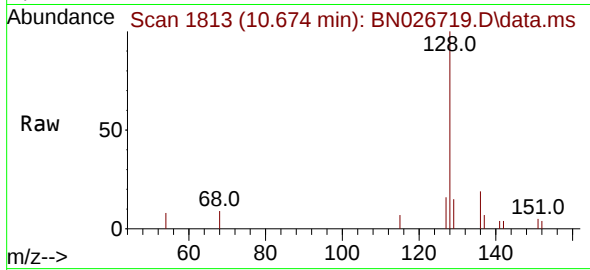
Quant Time: Jul 24 21:52:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.123 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BN026719.D
Acq: 24 Jul 2023 18:20

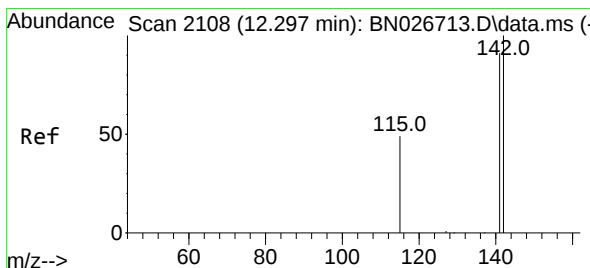
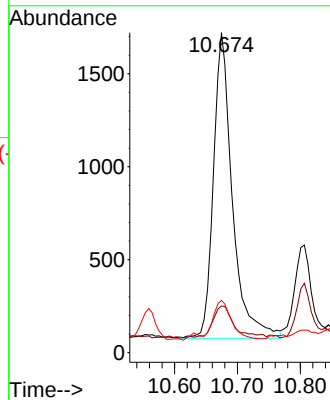
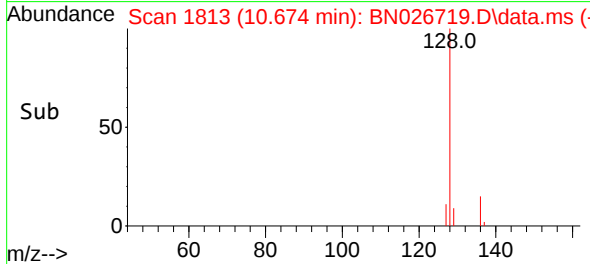
Instrument :
BNA_N
ClientSampleId :
A46S2DL



Tgt Ion:128 Resp: 344
Ion Ratio Lower Upper
128 100
129 14.5 10.2 15.2
127 16.3 11.4 17.0

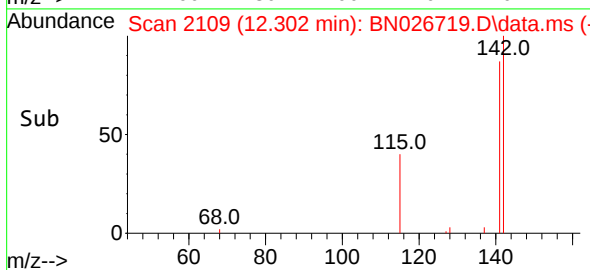
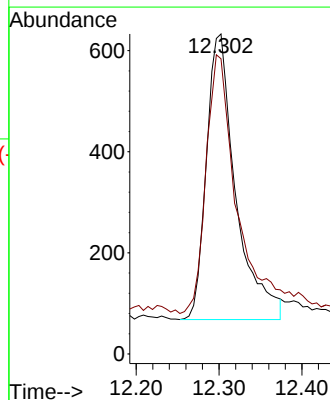
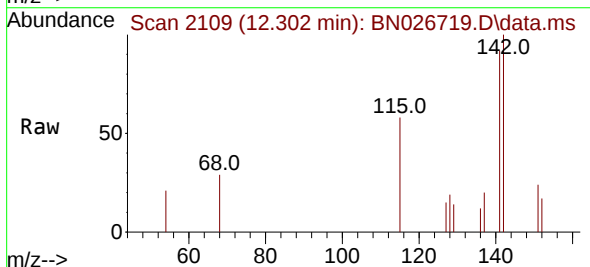
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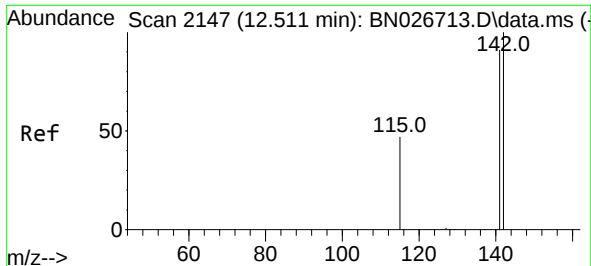
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.302 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BN026719.D
Acq: 24 Jul 2023 18:20

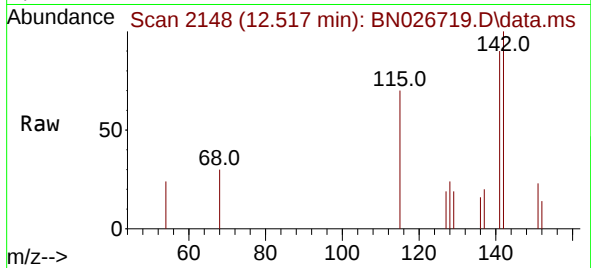
Tgt Ion:142 Resp: 1391
Ion Ratio Lower Upper
142 100
141 93.7 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.065 ng/u1
RT: 12.517 min Scan# 2148
Delta R.T. 0.006 min
Lab File: BN026719.D
Acq: 24 Jul 2023 18:20

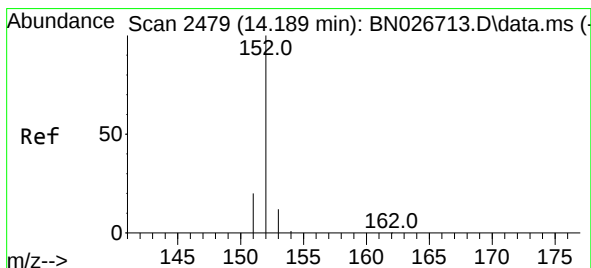
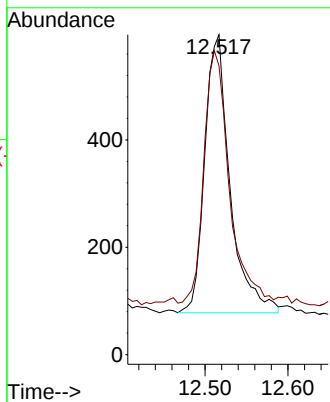
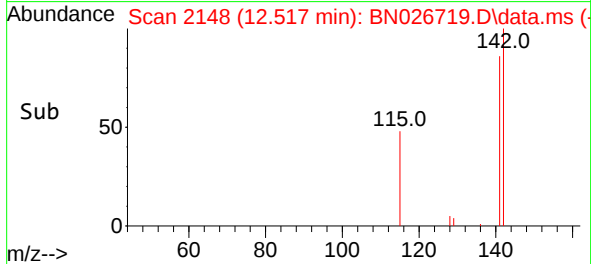
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1099
Ion Ratio Lower Upper
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141 90.4 74.5 111.7

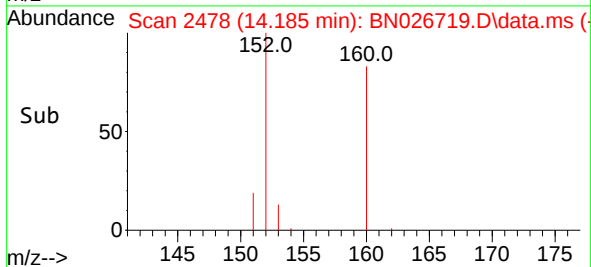
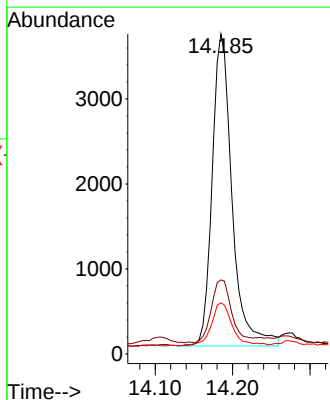
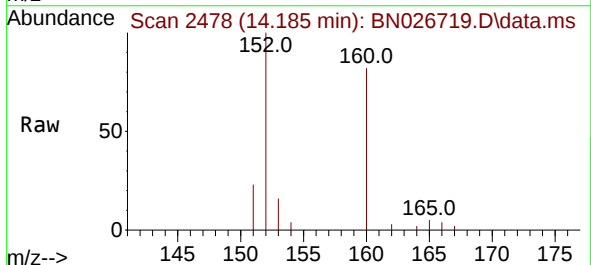
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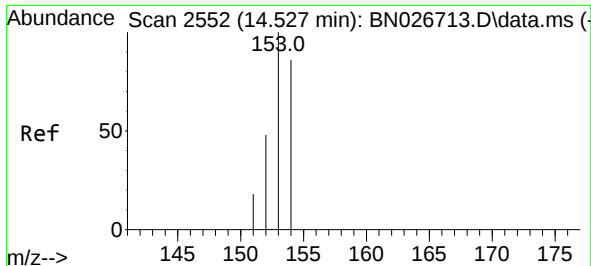
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.219 ng/u1
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026719.D
Acq: 24 Jul 2023 18:20

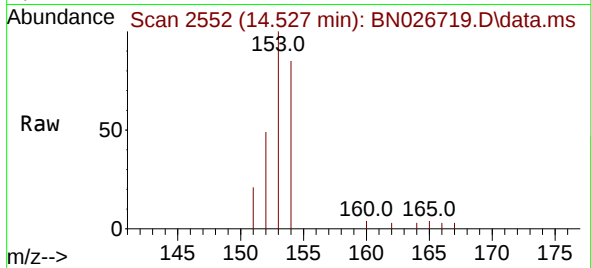
Tgt Ion:152 Resp: 6553
Ion Ratio Lower Upper
152 100
151 23.1 17.0 25.6
153 15.9 11.4 17.2





#11
Acenaphthene
Concen: 0.242 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BN026719.D
Acq: 24 Jul 2023 18:20

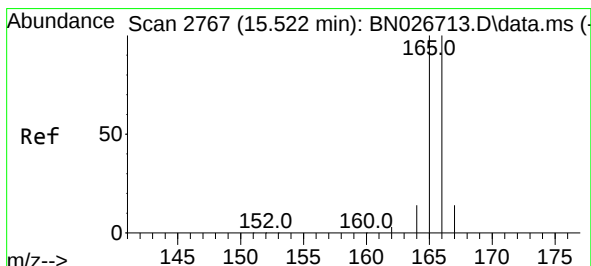
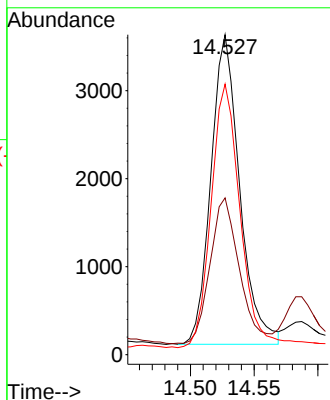
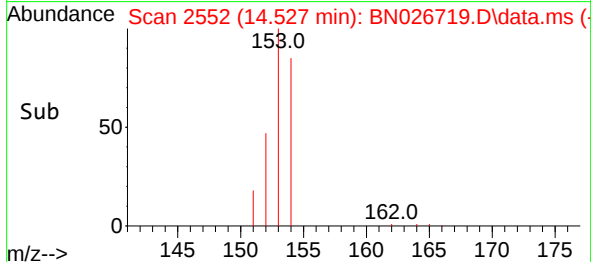
Instrument :
BNA_N
ClientSampleId :
A46S2DL



Tgt Ion:153 Resp: 551
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.4
154 84.6 69.3 103.9

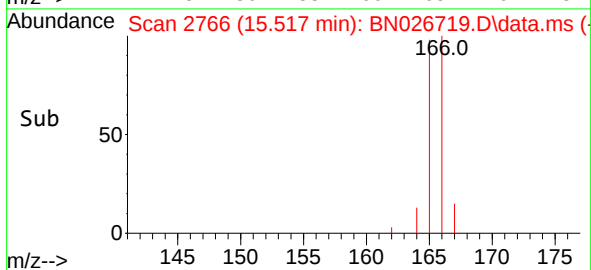
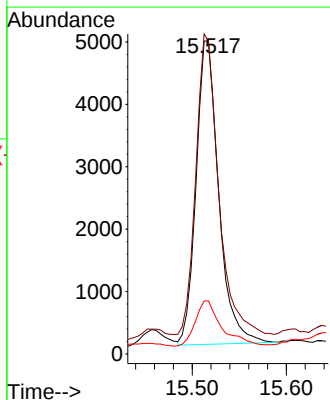
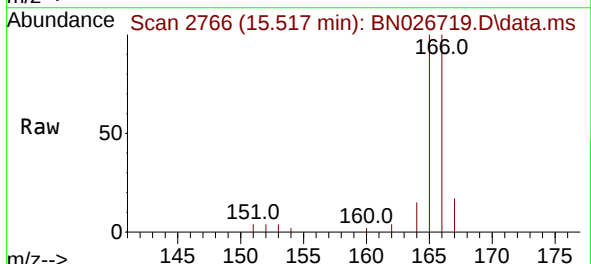
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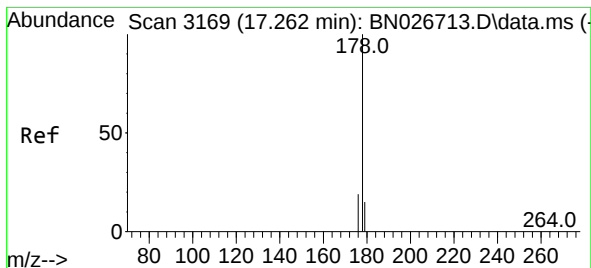
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.340 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BN026719.D
Acq: 24 Jul 2023 18:20

Tgt Ion:166 Resp: 8135
Ion Ratio Lower Upper
166 100
165 99.8 80.6 120.8
167 17.0 12.0 18.0





#15

Phenanthrene

Concen: 2.714 ng/u1

RT: 17.253 min Scan# 3169

Delta R.T. -0.004 min

Lab File: BN026719.D

Acq: 24 Jul 2023 18:20

Instrument :

BNA_N

ClientSampleId :

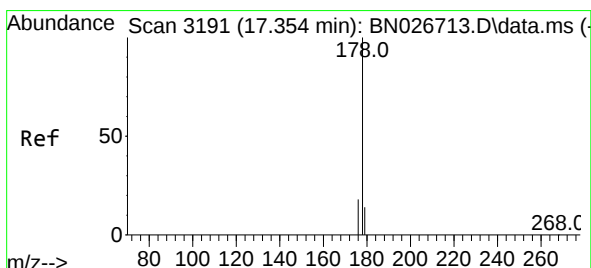
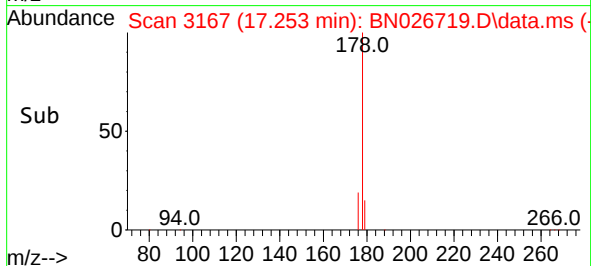
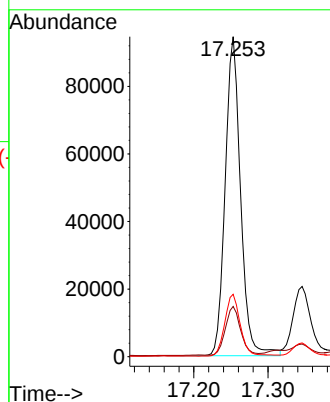
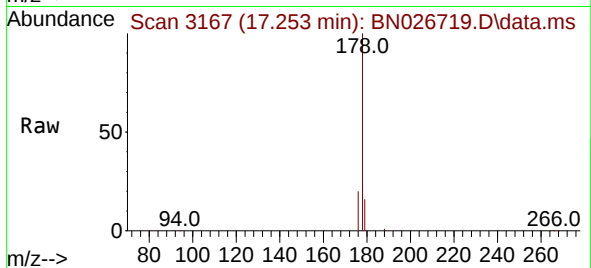
A46S2DL

Tgt Ion:178 Resp: 136020
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.7 20.5
 176 19.5 16.5 24.7

Manual Integrations

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



#16

Anthracene

Concen: 0.656 ng/u1

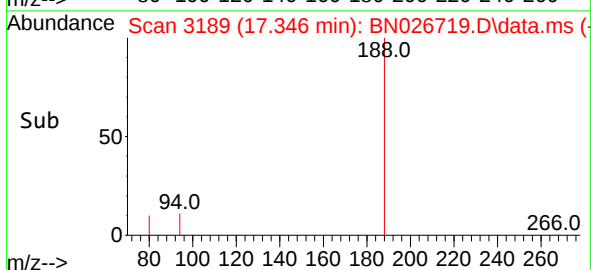
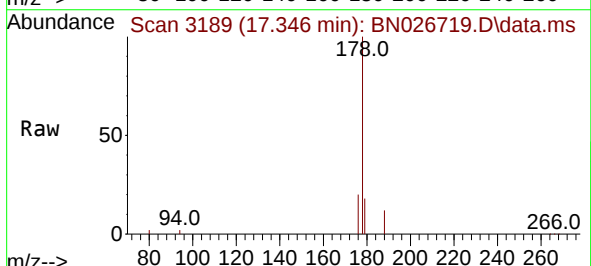
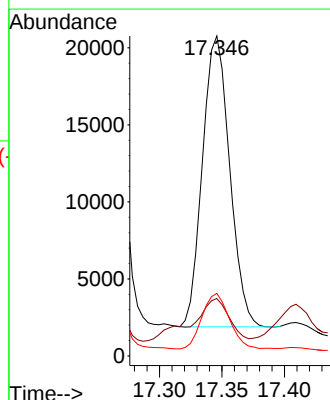
RT: 17.346 min Scan# 3189

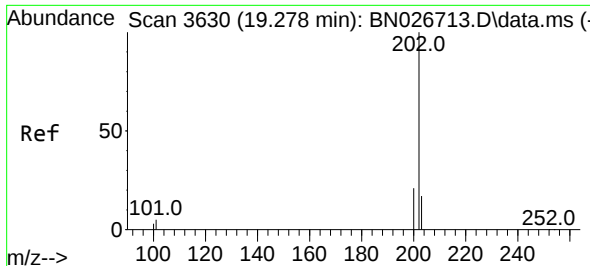
Delta R.T. -0.004 min

Lab File: BN026719.D

Acq: 24 Jul 2023 18:20

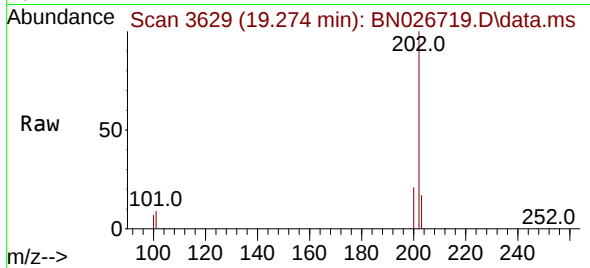
Tgt Ion:178 Resp: 28549
 Ion Ratio Lower Upper
 178 100
 179 17.9 14.8 22.2
 176 19.6 16.6 25.0





#19
Fluoranthene
Concen: 5.817 ng/u1
RT: 19.274 min Scan# 3629
Delta R.T. -0.005 min
Lab File: BN026719.D
Acq: 24 Jul 2023 18:20

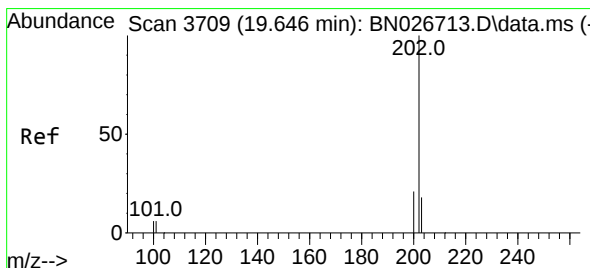
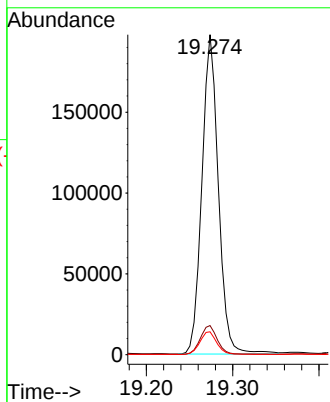
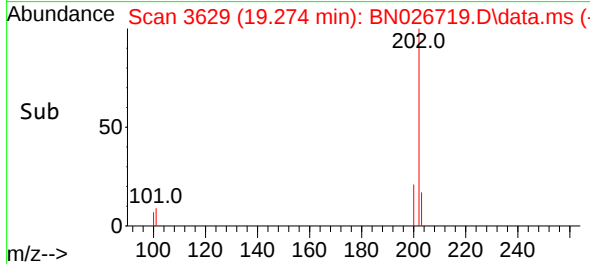
Instrument :
BNA_N
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A46S2DL



Tgt Ion:202 Resp: 26298
Ion Ratio Lower Upper
202 100
101 9.1 7.0 10.4
100 7.1 6.0 9.0

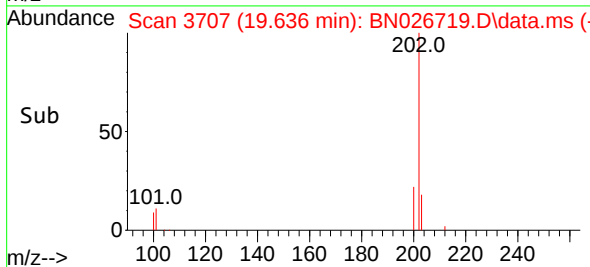
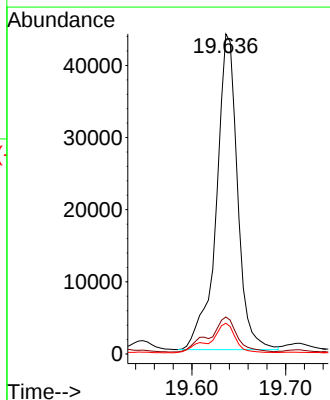
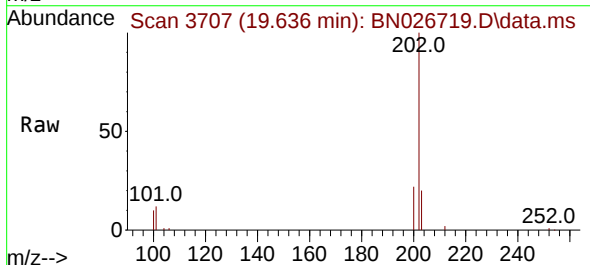
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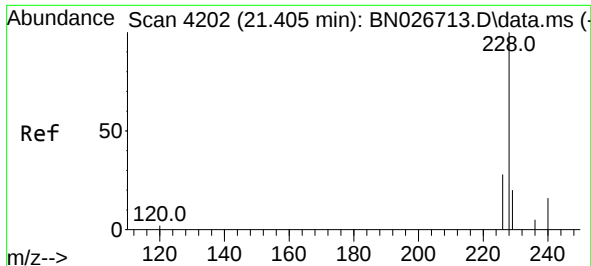
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 1.399 ng/u1
RT: 19.636 min Scan# 3707
Delta R.T. -0.009 min
Lab File: BN026719.D
Acq: 24 Jul 2023 18:20

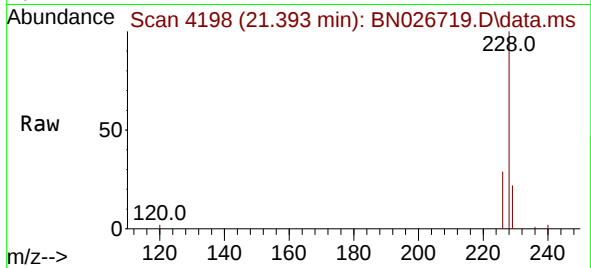
Tgt Ion:202 Resp: 68680
Ion Ratio Lower Upper
202 100
101 11.6 8.0 12.0
100 9.6 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 2.750 ng/ul
RT: 21.393 min Scan# 4198
Delta R.T. -0.009 min
Lab File: BN026719.D
Acq: 24 Jul 2023 18:20

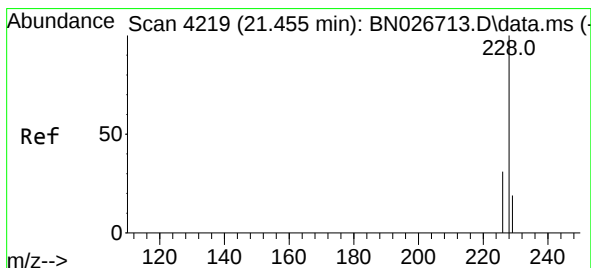
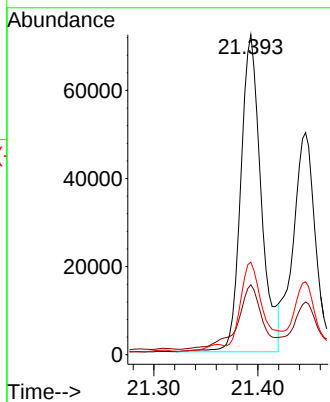
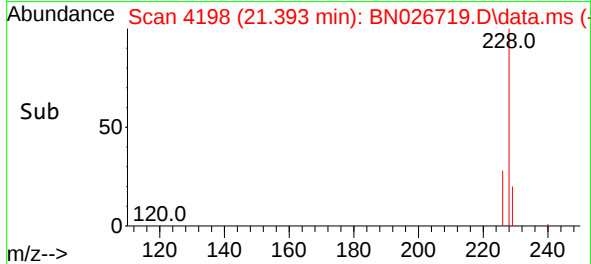
Instrument :
BNA_N
ClientSampleId :
A46S2DL



Tgt Ion:228 Resp: 97478
Ion Ratio Lower Upper
228 100
229 21.9 16.7 25.1
226 28.9 23.5 35.3

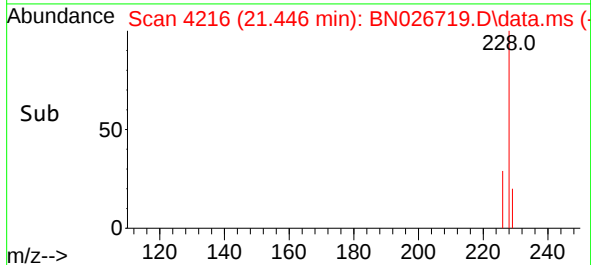
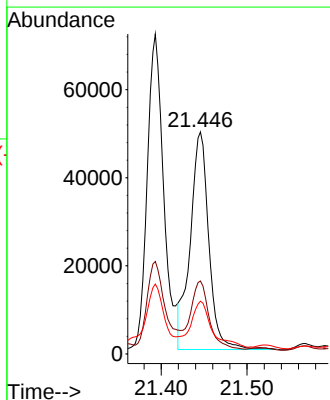
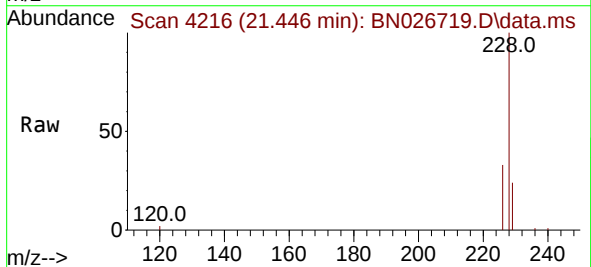
Manual Integrations
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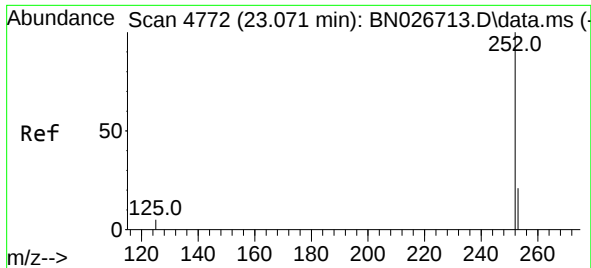
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 1.848 ng/ul
RT: 21.446 min Scan# 4216
Delta R.T. -0.009 min
Lab File: BN026719.D
Acq: 24 Jul 2023 18:20

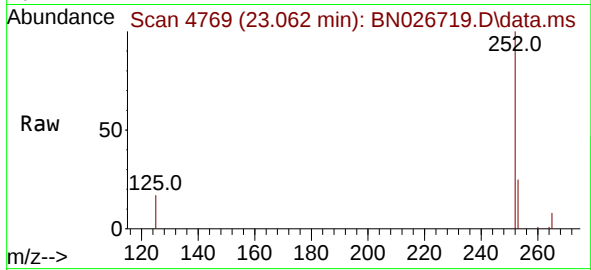
Tgt Ion:228 Resp: 74568
Ion Ratio Lower Upper
228 100
226 32.9 25.2 37.8
229 23.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.033 ng/ul m
RT: 23.062 min Scan# 4769
Delta R.T. -0.006 min
Lab File: BN026719.D
Acq: 24 Jul 2023 18:20

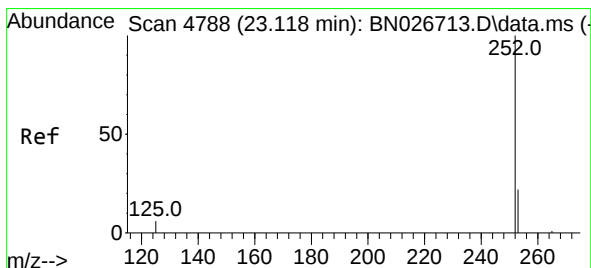
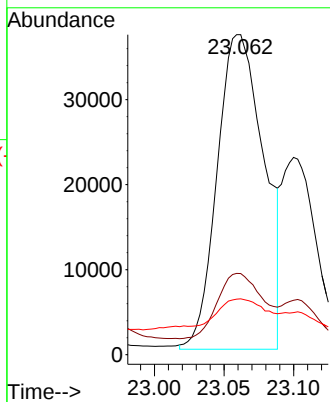
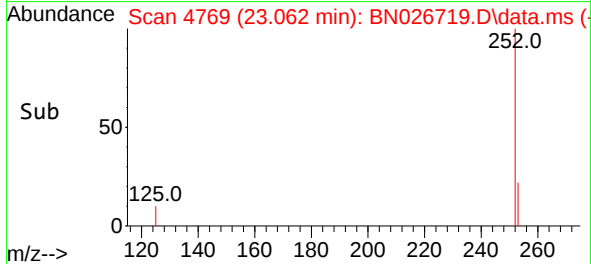
Instrument :
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ClientSampleId :
A46S2DL



Tgt Ion:252 Resp: 86249
Ion Ratio Lower Upper
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253 25.4 0.0 68.6
125 17.5 0.0 34.0

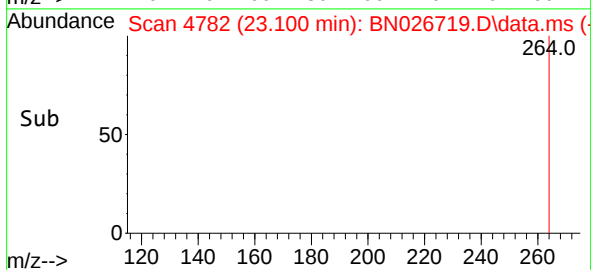
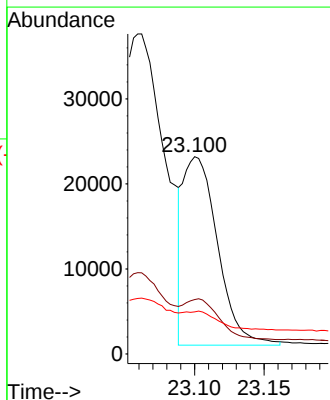
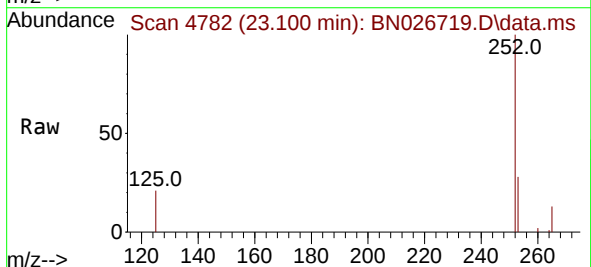
Manual Integrations
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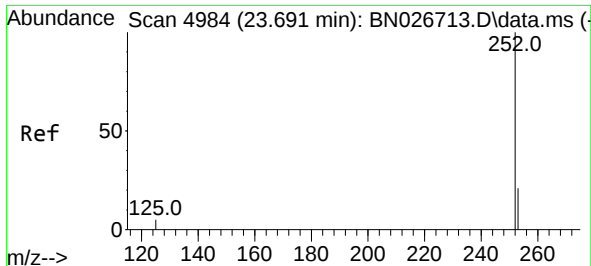
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.864 ng/ul m
RT: 23.100 min Scan# 4782
Delta R.T. -0.015 min
Lab File: BN026719.D
Acq: 24 Jul 2023 18:20

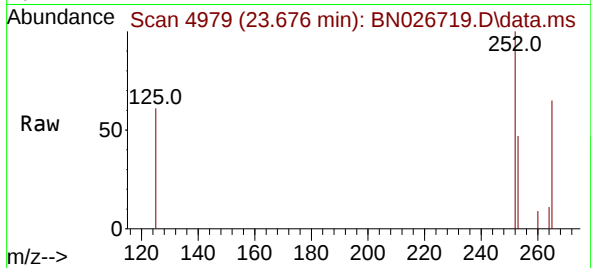
Tgt Ion:252 Resp: 38390
Ion Ratio Lower Upper
252 100
253 27.6 27.2 40.8
125 21.4 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.230 ng/ul
RT: 23.676 min Scan# 4984
Delta R.T. -0.009 min
Lab File: BN026719.D
Acq: 24 Jul 2023 18:20

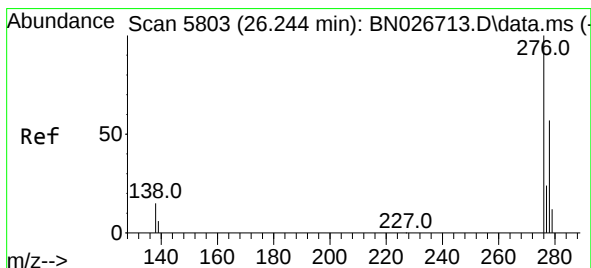
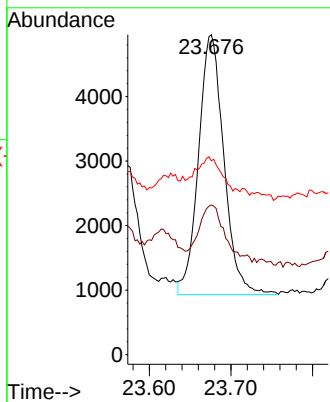
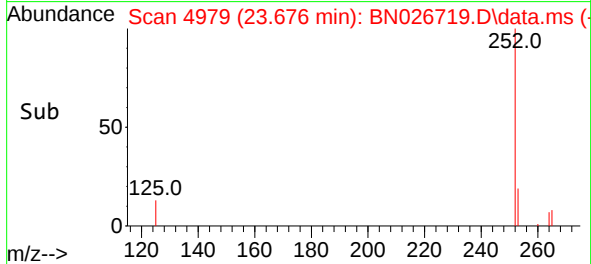
Instrument :
BNA_N
ClientSampleId :
A46S2DL



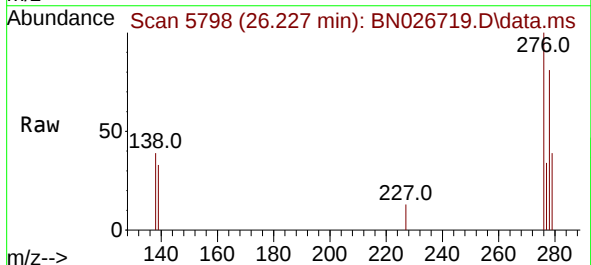
Tgt Ion:252 Resp: 8689
Ion Ratio Lower Upper
252 100
253 46.8 32.6 49.0
125 60.6 19.3 28.9

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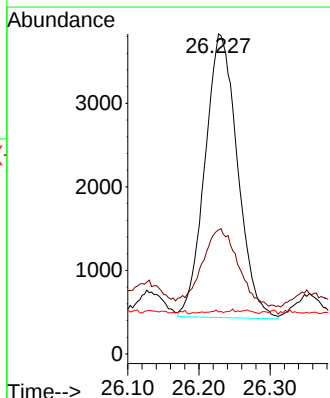
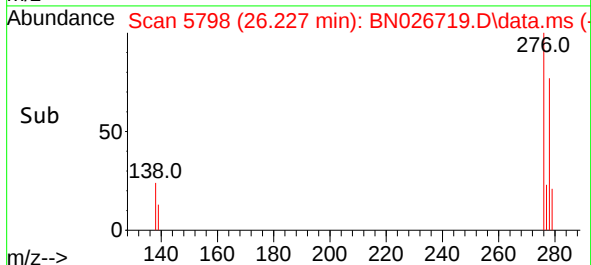
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

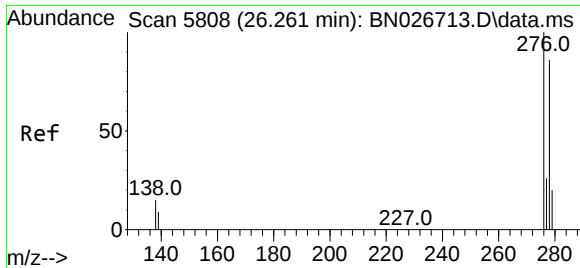


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.218 ng/ul
RT: 26.227 min Scan# 5798
Delta R.T. -0.023 min
Lab File: BN026719.D
Acq: 24 Jul 2023 18:20



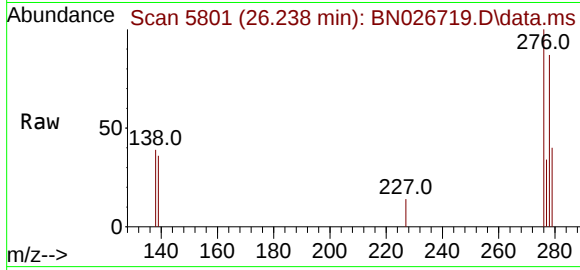
Tgt Ion:276 Resp: 10779
Ion Ratio Lower Upper
276 100
138 30.8 22.2 33.4
227 0.4 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.276 ng/ul
 RT: 26.238 min Scan# 5801
 Delta R.T. -0.020 min
 Lab File: BN026719.D
 Acq: 24 Jul 2023 18:20

Instrument :
 BNA_N
 ClientSampleId :
 A46S2DL



Tgt Ion:278 Resp: 1048
 Ion Ratio Lower Upper
 278 100
 139 41.7 18.9 28.3
 279 45.9 31.3 46.9

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

