

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026259.D
 Acq On : 04 Jul 2023 12:32
 Operator : MA/JU
 Sample : 03247-04DL 5X
 Misc :
 ALS Vial : 116 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 04 23:29:47 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	11042	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	34926	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.590	164	19395	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.339	188	35729	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	20876	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	22800	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	6168	0.496	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	1756	0.033	ng/ul	-0.01
18) Fluoranthene-d10	19.369	212	3002	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	8432	0.084	ng/ul	97
7) 2-Methylnaphthalene	12.420	142	6915	0.108	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	4893	0.074	ng/ul	99
10) Acenaphthylene	14.312	152	15647	0.172	ng/ul	97
15) Phenanthrene	17.382	178	48120	0.408	ng/ul	99
16) Anthracene	17.474	178	14861	0.142	ng/ul	95
19) Fluoranthene	19.401	202	125809	1.128	ng/ul	96
20) Pyrene	19.764	202	110865	0.956	ng/ul	95
21) Benzo(a)anthracene	21.518	228	63280	0.735	ng/ul#	93
22) Chrysene	21.571	228	77928	0.870	ng/ul#	94
24) Benzo(b)fluoranthene	23.243	252	112946m	1.161	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	41991m	0.430	ng/ul	
26) Benzo(a)pyrene	23.889	252	66539	0.787	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.569	276	55586	0.602	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.569	278	13605	0.195	ng/ul#	78
29) Benzo(g,h,i)perylene	27.377	276	53558	0.652	ng/ul	96

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

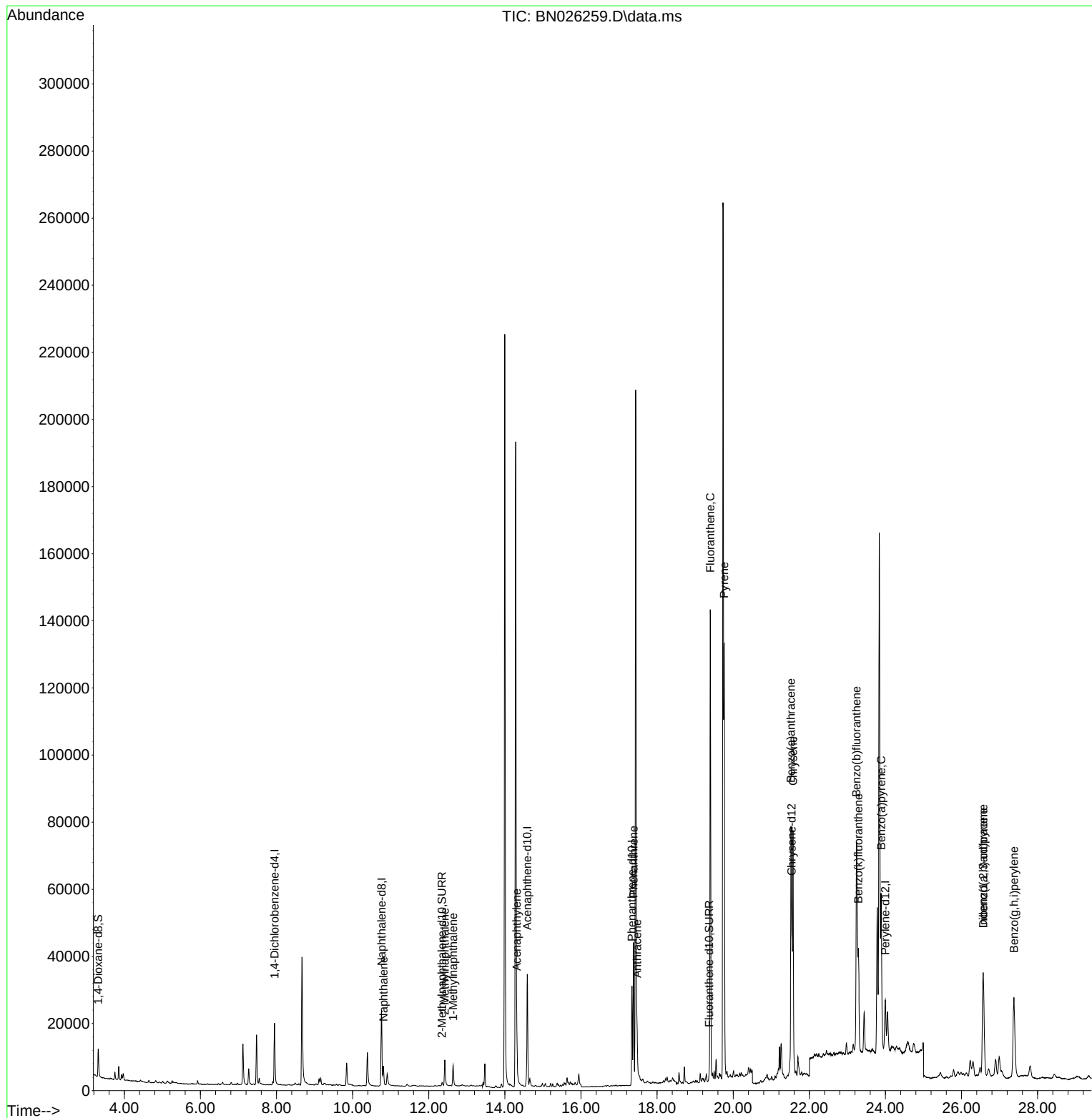
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026259.D
Acq On : 04 Jul 2023 12:32
Operator : MA/JU
Sample : 03247-04DL 5X
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ALS Vial : 116 Sample Multiplier: 1

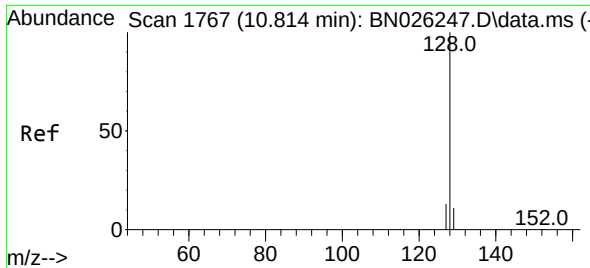
Instrument :
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Quant Time: Jul 04 23:29:47 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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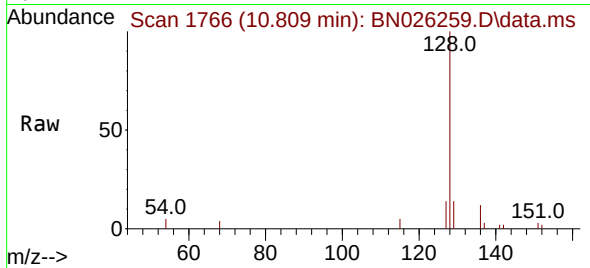
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#5
Naphthalene
Concen: 0.084 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

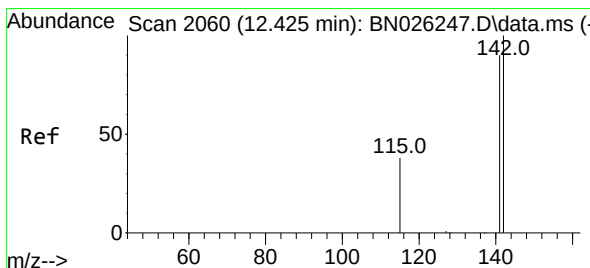
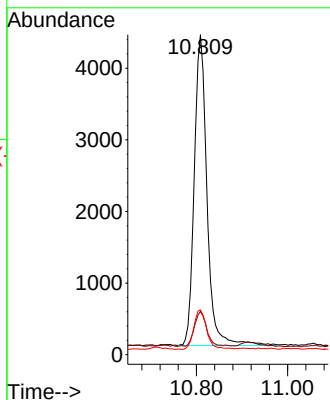
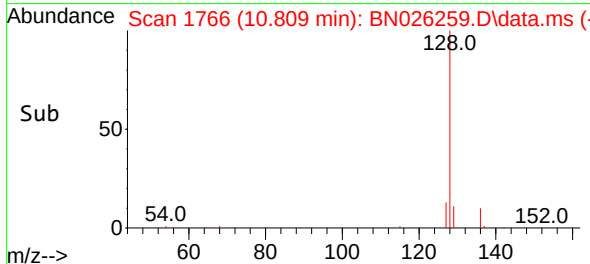
Instrument :
BNA_N
ClientSampleId :
DCGL0DL



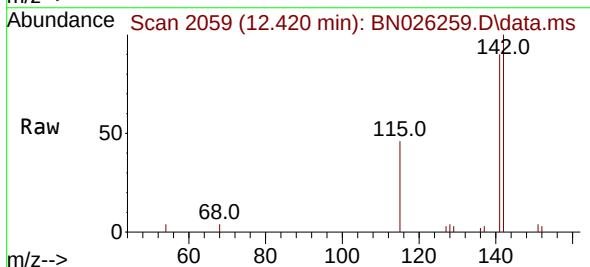
Tgt Ion:128 Resp: 8432
Ion Ratio Lower Upper
128 100
129 13.6 9.1 13.7
127 14.0 10.7 16.1

Manual Integrations
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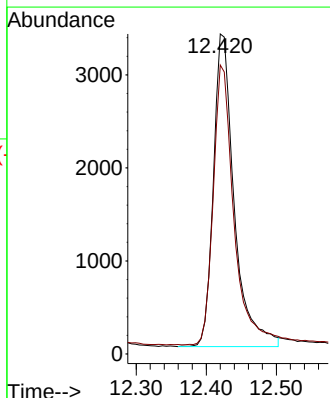
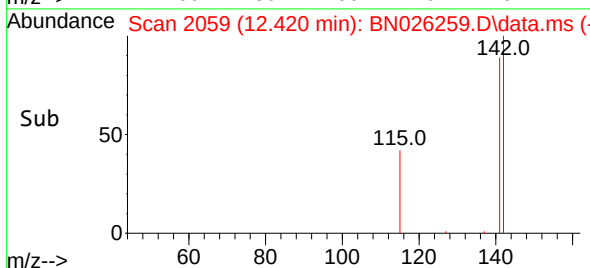
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

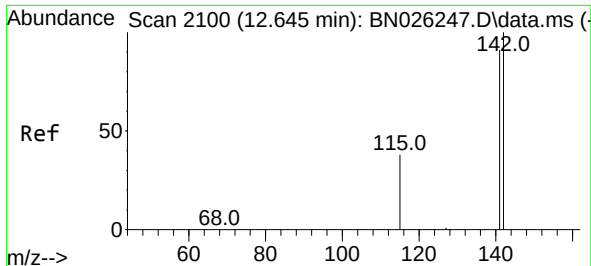


#7
2-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.011 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32



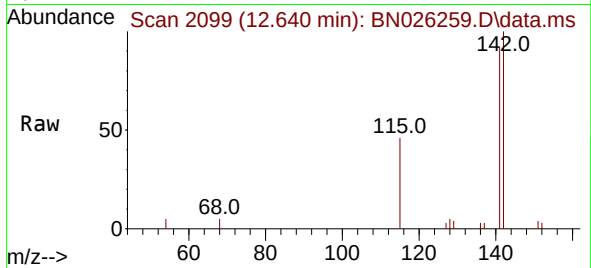
Tgt Ion:142 Resp: 6915
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

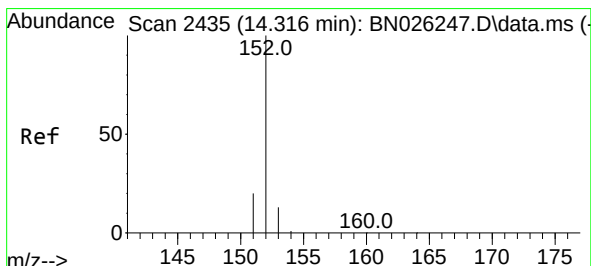
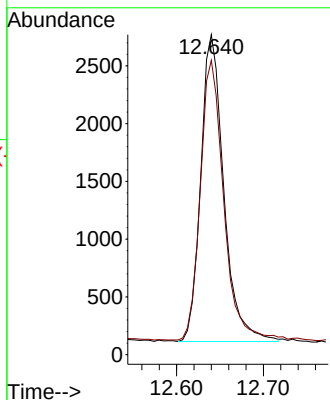
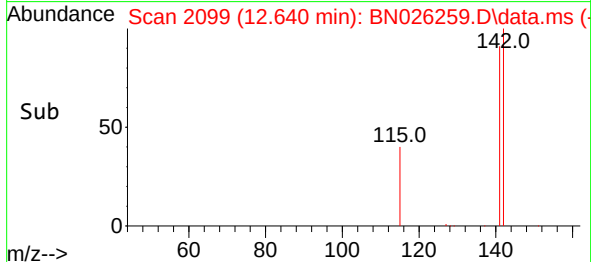
Instrument :
BNA_N
ClientSampleId :
DCGL0DL



Tgt Ion:142 Resp: 489
Ion Ratio Lower Upper
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141 92.2 74.2 111.4

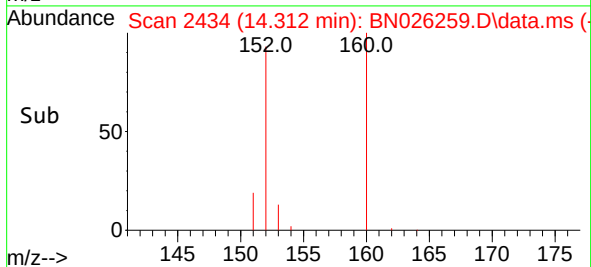
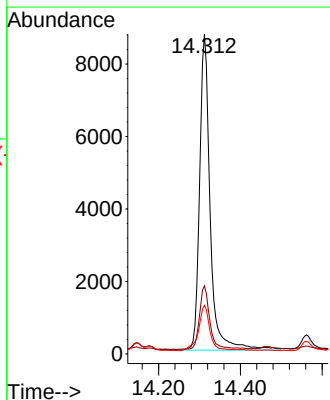
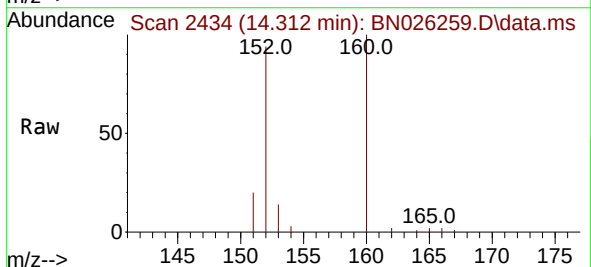
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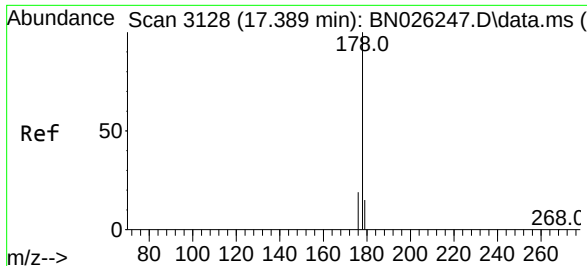
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.172 ng/ul
RT: 14.312 min Scan# 2434
Delta R.T. -0.008 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

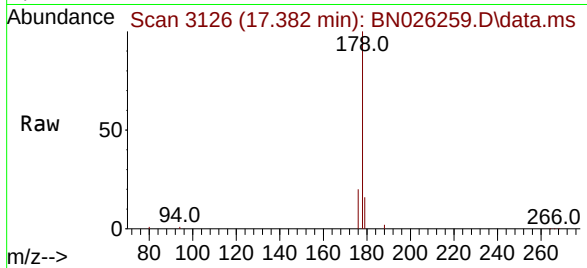
Tgt Ion:152 Resp: 15647
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.4
153 15.2 10.9 16.3





#15
Phenanthrene
Concen: 0.408 ng/u1
RT: 17.382 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

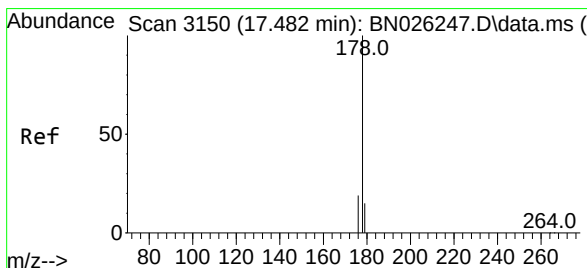
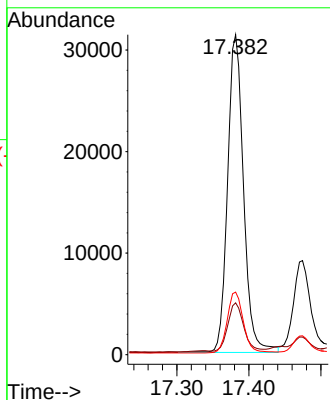
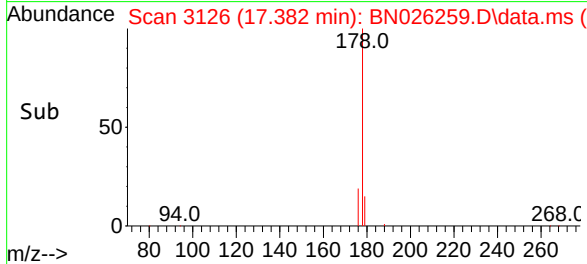
Instrument :
BNA_N
ClientSampleId :
DCGL0DL



Tgt Ion:178 Resp: 48120
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.6 15.8 23.6

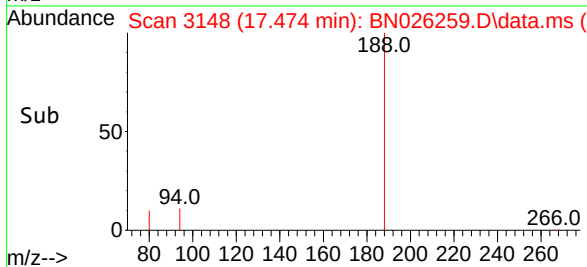
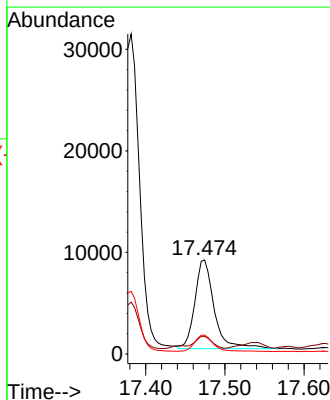
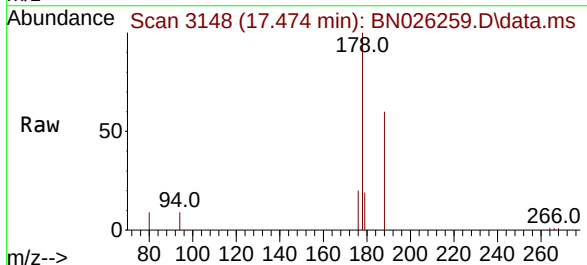
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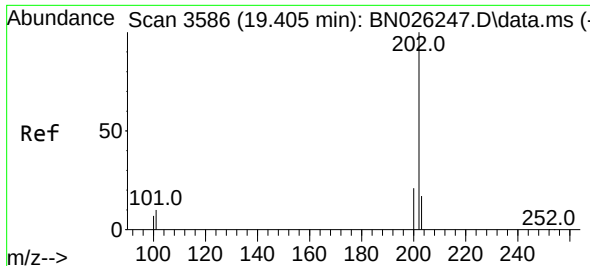
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.142 ng/u1
RT: 17.474 min Scan# 3148
Delta R.T. -0.008 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

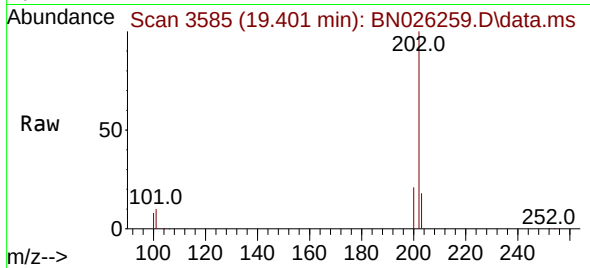
Tgt Ion:178 Resp: 14861
Ion Ratio Lower Upper
178 100
179 18.7 12.6 18.8
176 20.1 15.1 22.7





#19
Fluoranthene
Concen: 1.128 ng/ul
RT: 19.401 min Scan# 3585
Delta R.T. -0.004 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

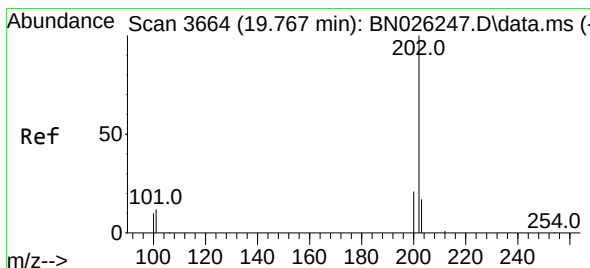
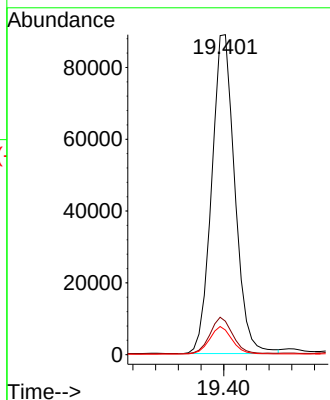
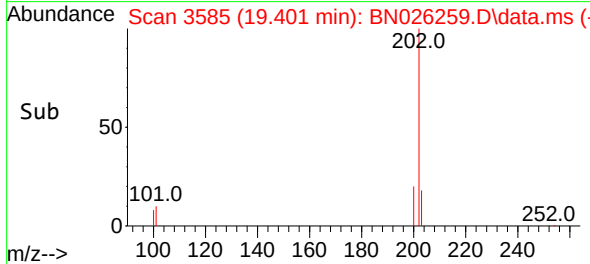
Instrument :
BNA_N
ClientSampleId :
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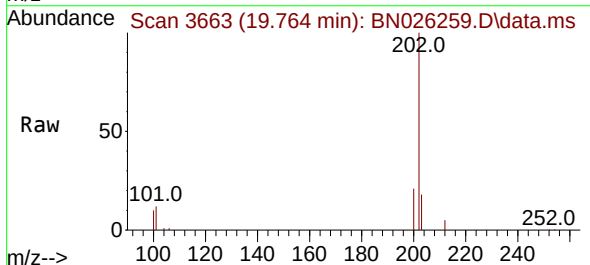
Tgt Ion:202 Resp: 125809
Ion Ratio Lower Upper
202 100
101 10.5 9.5 14.3
100 7.7 7.3 10.9

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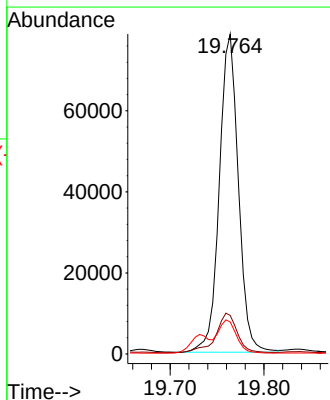
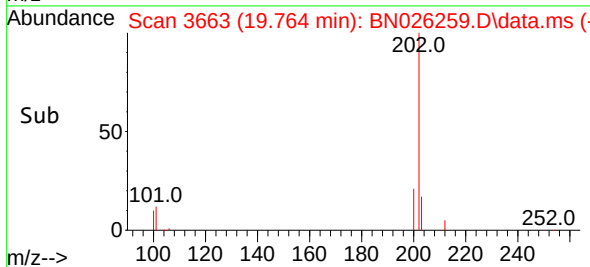
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

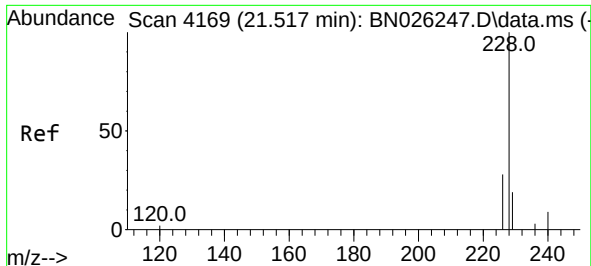


#20
Pyrene
Concen: 0.956 ng/ul
RT: 19.764 min Scan# 3663
Delta R.T. -0.008 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32



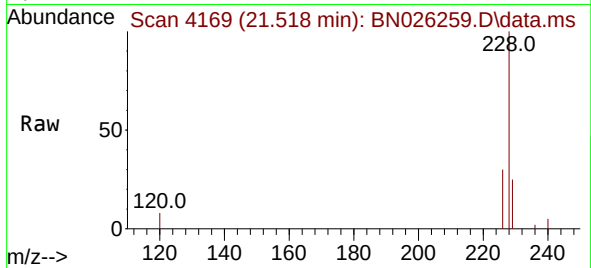
Tgt Ion:202 Resp: 110865
Ion Ratio Lower Upper
202 100
101 12.1 11.4 17.0
100 10.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.735 ng/u1
RT: 21.518 min Scan# 4169
Delta R.T. -0.005 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

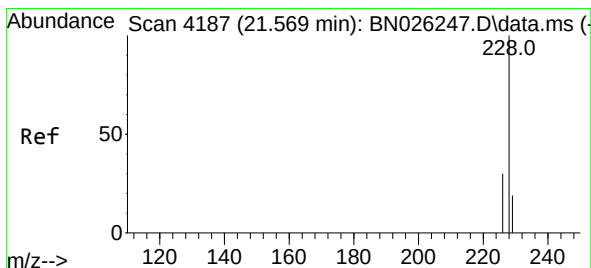
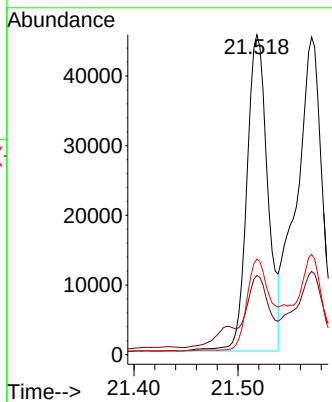
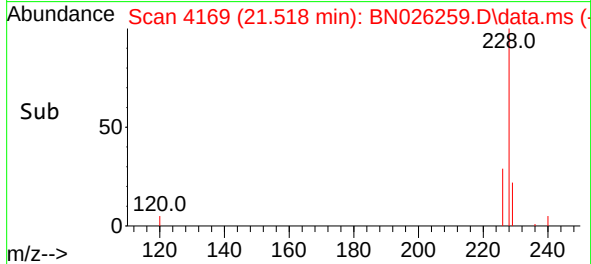
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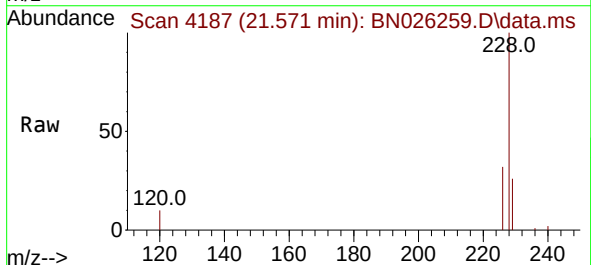
Tgt Ion:228 Resp: 63280
Ion Ratio Lower Upper
228 100
229 24.7 15.8 23.6
226 29.9 22.5 33.7

Manual Integrations
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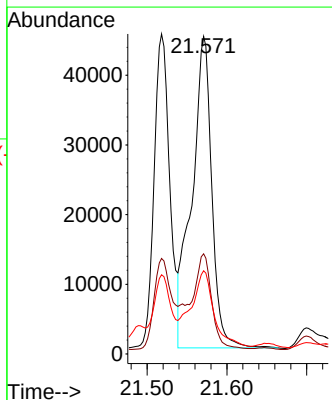
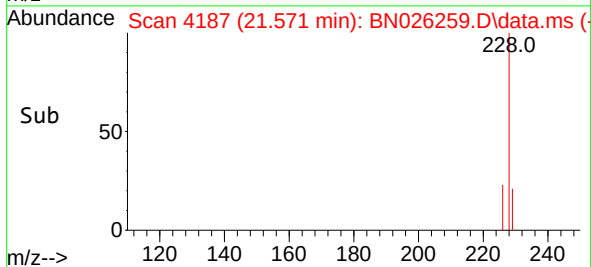
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Supervised By :mohammad ahmed 07/05/2023

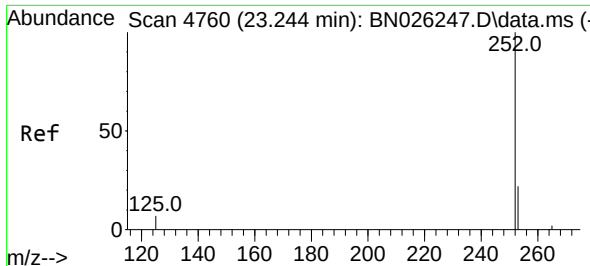


#22
Chrysene
Concen: 0.870 ng/u1
RT: 21.571 min Scan# 4187
Delta R.T. -0.008 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32



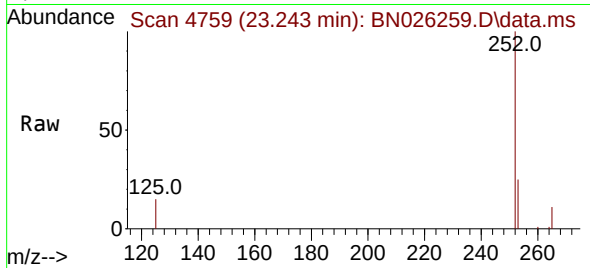
Tgt Ion:228 Resp: 77928
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 26.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.161 ng/ul m
RT: 23.243 min Scan# 4759
Delta R.T. -0.011 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

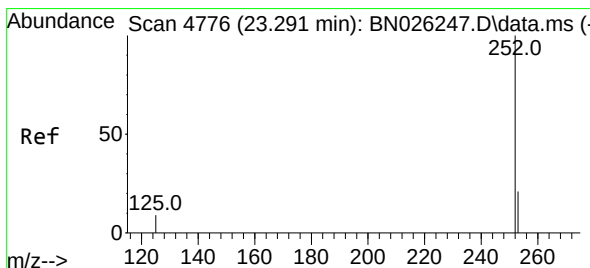
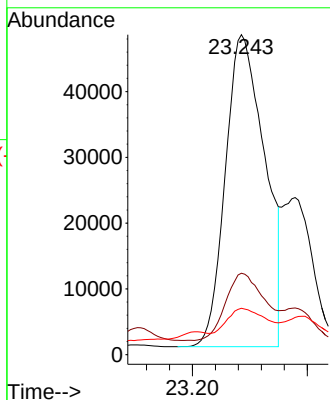
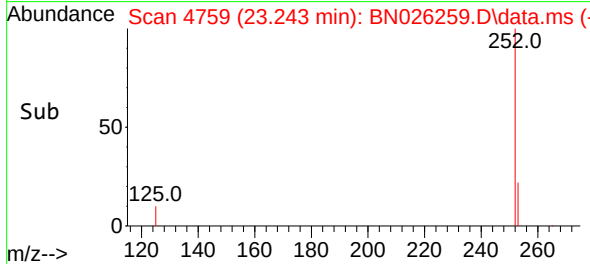
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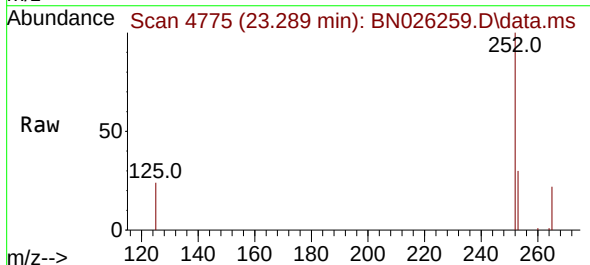
Tgt Ion:252 Resp: 112940
Ion Ratio Lower Upper
252 100
253 25.5 0.0 55.6
125 14.5 0.0 35.8

Manual Integrations
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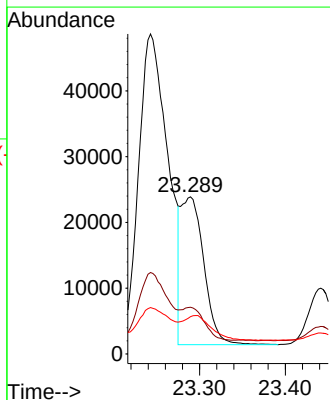
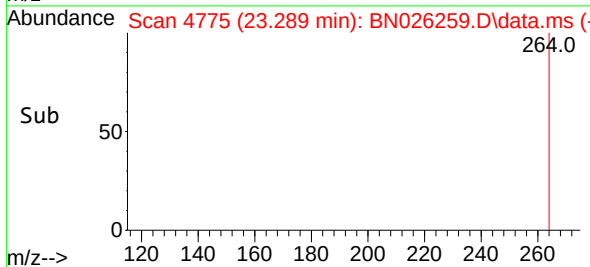
Reviewed By :Yogesh Patel 07/05/2023
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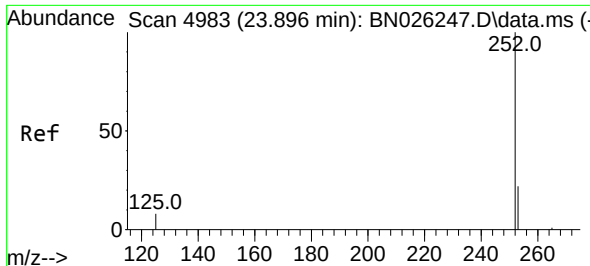


#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.014 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32



Tgt Ion:252 Resp: 41991
Ion Ratio Lower Upper
252 100
253 29.7 23.2 34.8
125 23.7 15.0 22.4





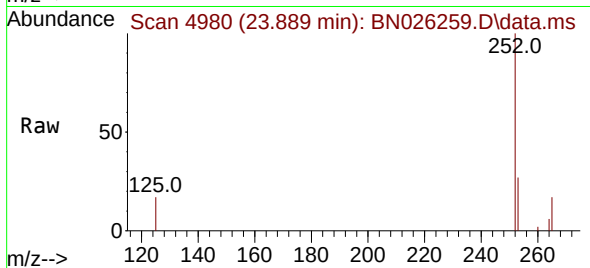
#26
Benzo(a)pyrene
Concen: 0.787 ng/ul
RT: 23.889 min Scan# 4980
Delta R.T. -0.005 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Instrument :

BNA_N

ClientSampleId :

DCGL0DL



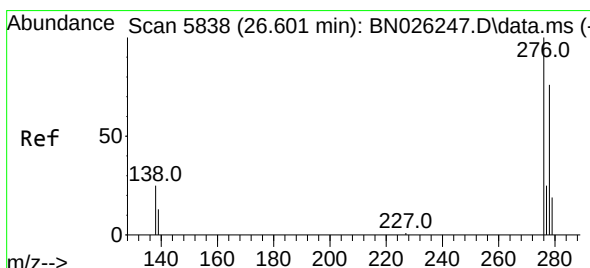
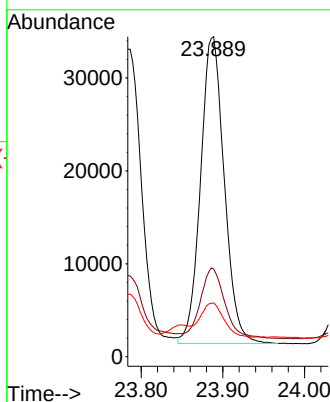
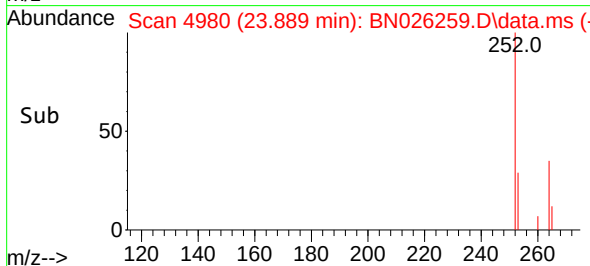
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Ion Ratio Lower Upper
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125 16.8 17.3 25.9

Manual Integrations

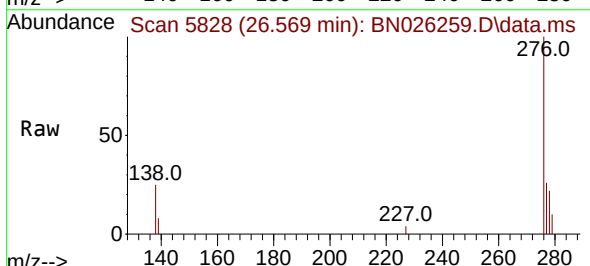
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Reviewed By :Yogesh Patel 07/05/2023

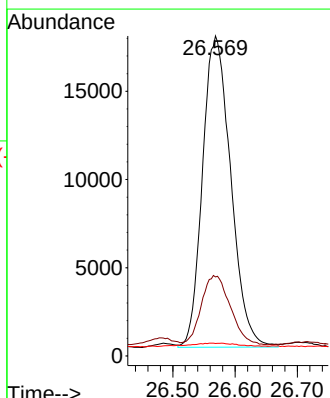
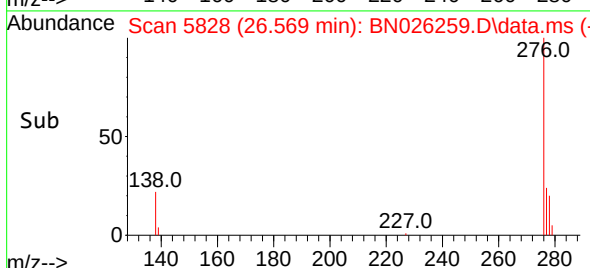
Supervised By :mohammad ahmed 07/05/2023

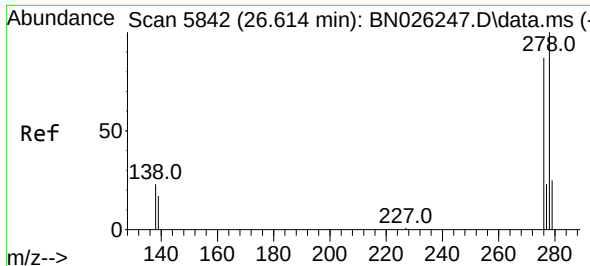


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.602 ng/ul
RT: 26.569 min Scan# 5828
Delta R.T. -0.019 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32



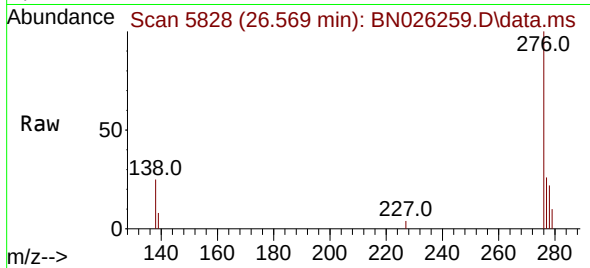
Tgt Ion:276 Resp: 55586
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7#
227 1.7 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.195 ng/ul
RT: 26.569 min Scan# 5828
Delta R.T. -0.039 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

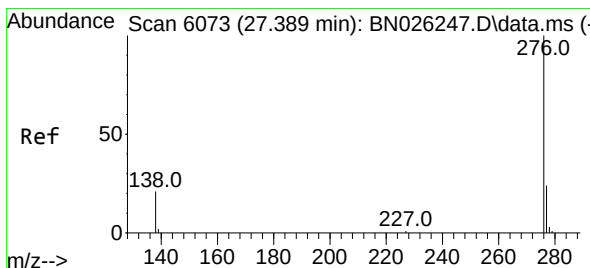
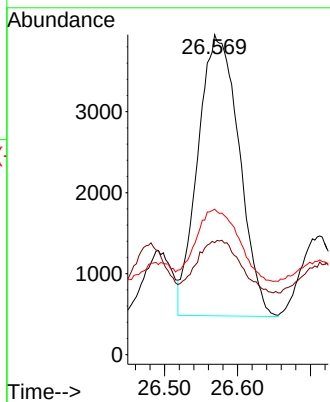
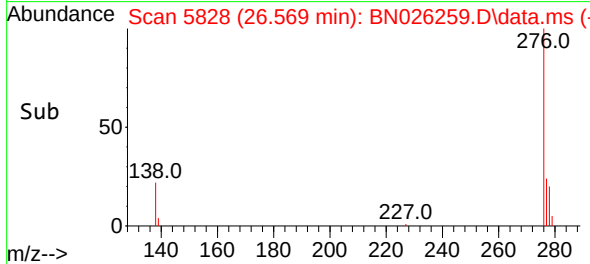
Instrument :
BNA_N
ClientSampleId :
DCGL0DL



Tgt Ion: 278 Resp: 1360
Ion Ratio Lower Upper
278 100
139 35.0 19.0 28.4
279 45.4 26.7 40.1

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 07/05/2023
Supervised By : mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.652 ng/ul
RT: 27.377 min Scan# 6069
Delta R.T. -0.009 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Tgt Ion: 276 Resp: 53558
Ion Ratio Lower Upper
276 100
138 25.9 23.4 35.0
277 25.5 20.0 30.0

