

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026581.D
 Acq On : 19 Jul 2023 02:01
 Operator : MA/JU
 Sample : 03458-15DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 05:01:57 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 : Wed Jul 19 00:52:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	1299	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.743	136	3987	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	2865	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	7665	0.400	ng/ul	-0.01
17) Chrysene-d12	21.517	240	9439	0.400	ng/ul	# 0.00
23) Perylene-d12	23.949	264	11840	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	730	0.427	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	143	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	593	0.018	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.792	128	2204	0.201	ng/ul#	87
7) 2-Methylnaphthalene	12.420	142	502	0.081	ng/ul	95
8) 1-Methylnaphthalene	12.629	142	465	0.070	ng/ul	97
10) Acenaphthylene	14.293	152	1091	0.078	ng/ul#	76
11) Acenaphthene	14.635	153	1809	0.169	ng/ul	98
12) Fluorene	15.625	166	2306	0.206	ng/ul	96
15) Phenanthrene	17.364	178	29741	1.218	ng/ul	98
16) Anthracene	17.457	178	6122	0.289	ng/ul	98
19) Fluoranthene	19.382	202	34317	0.776	ng/ul#	95
20) Pyrene	19.744	202	32022	0.666	ng/ul	96
21) Benzo(a)anthracene	21.500	228	19605	0.565	ng/ul	99
22) Chrysene	21.555	228	18567	0.470	ng/ul	98
24) Benzo(b)fluoranthene	23.209	252	20557m	0.446	ng/ul	
25) Benzo(k)fluoranthene	23.250	252	9513m	0.197	ng/ul	
26) Benzo(a)pyrene	23.841	252	6677	0.163	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.487	276	6644	0.123	ng/ul#	76
28) Dibenzo(a,h)anthracene	26.490	278	2745	0.066	ng/ul#	56

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

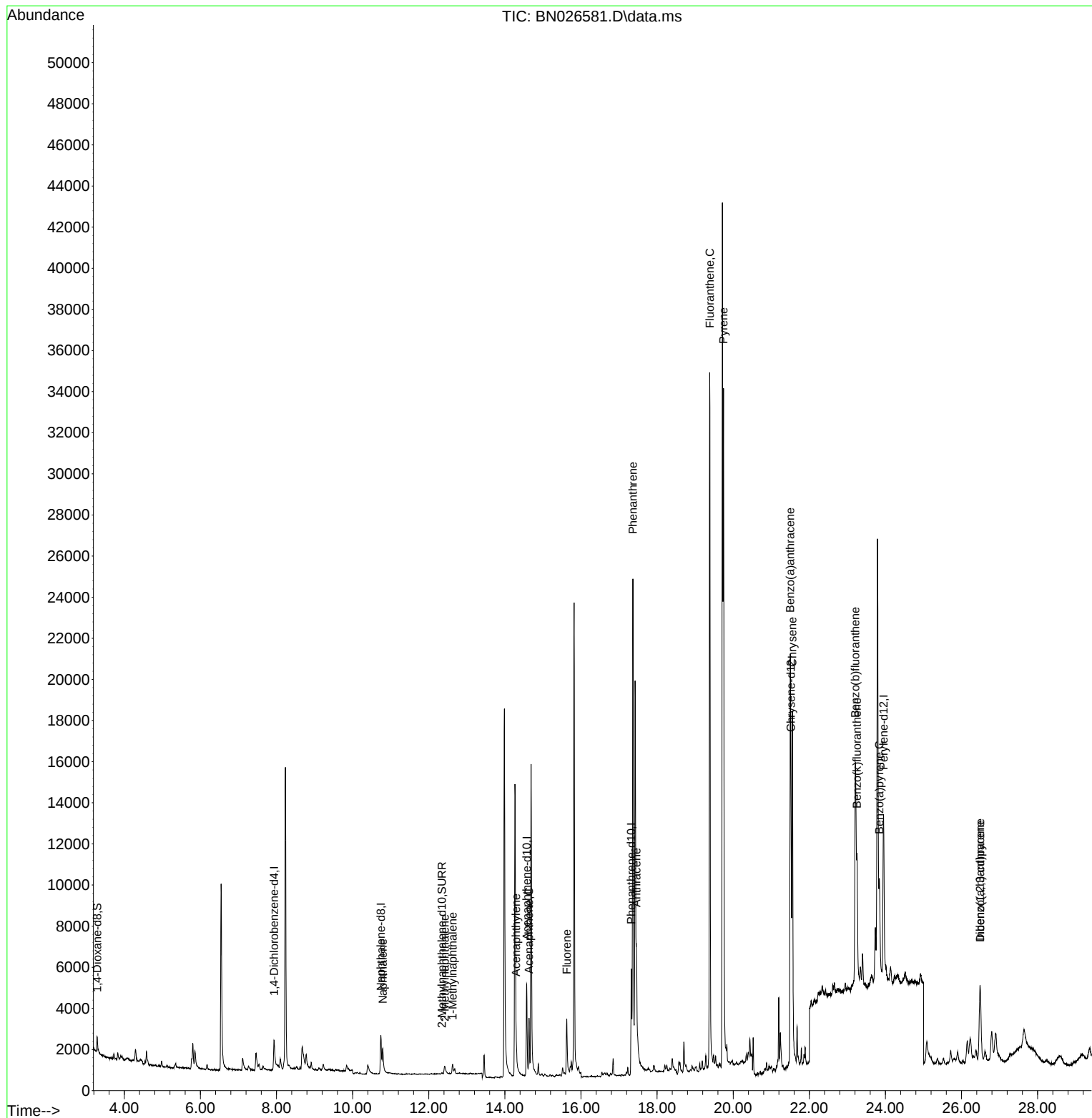
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026581.D
Acq On : 19 Jul 2023 02:01
Operator : MA/JU
Sample : 03458-15DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

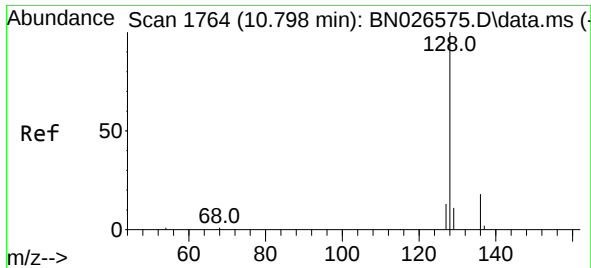
Instrument :
BNA_N
ClientSampleId :
A46M8DL

Quant Time: Jul 19 05:01:57 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 : Wed Jul 19 00:52:36 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

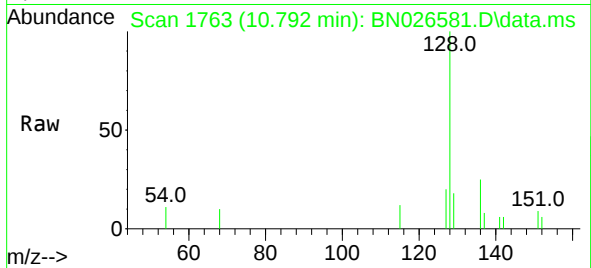
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023





#5
Naphthalene
Concen: 0.201 ng/ul
RT: 10.792 min Scan# 1763
Delta R.T. -0.005 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01

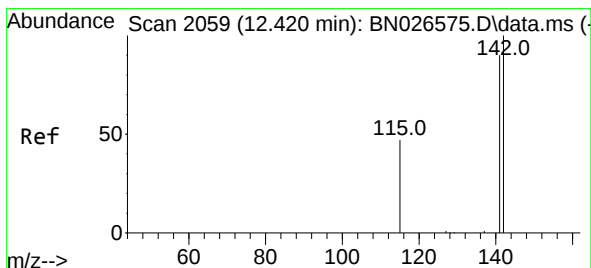
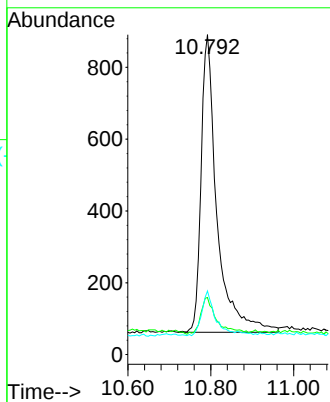
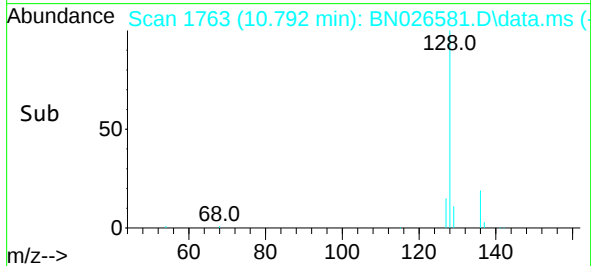
Instrument :
BNA_N
ClientSampleId :
A46M8DL



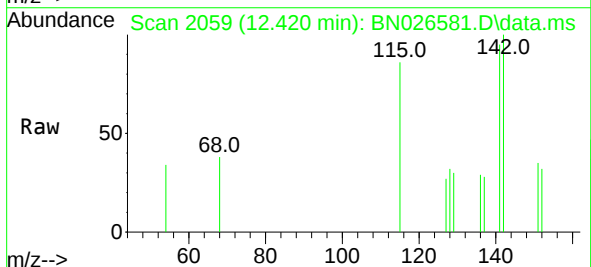
Tgt Ion:128 Resp: 2204
Ion Ratio Lower Upper
128 100
129 17.8 10.2 15.2
127 19.9 11.4 17.0

Manual Integrations
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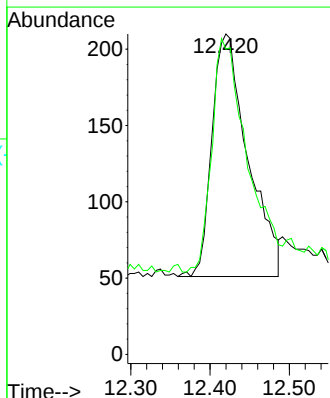
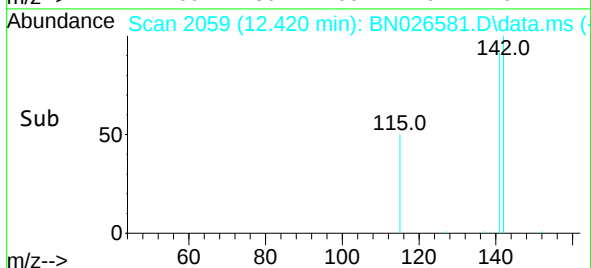
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

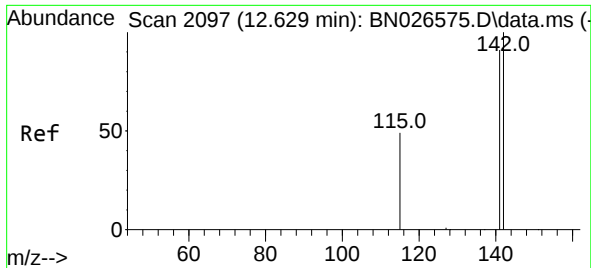


#7
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01



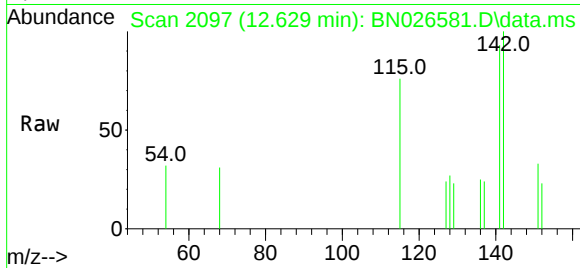
Tgt Ion:142 Resp: 502
Ion Ratio Lower Upper
142 100
141 95.0 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.070 ng/u1
RT: 12.629 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01

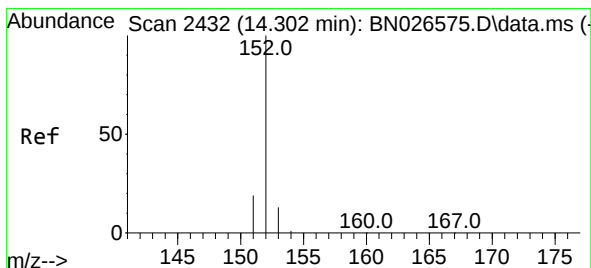
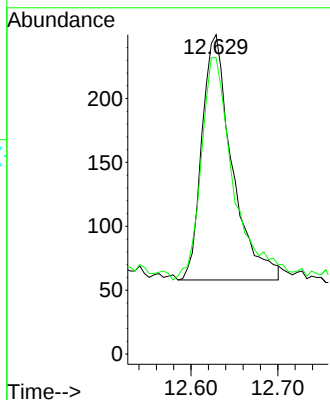
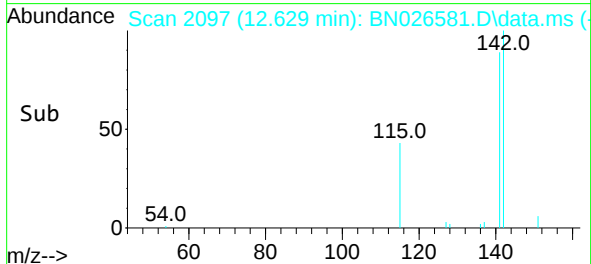
Instrument :
BNA_N
ClientSampleId :
A46M8DL



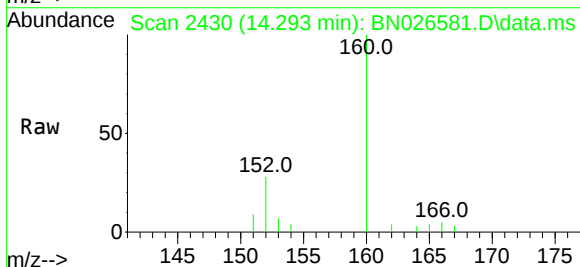
Tgt Ion:142 Resp: 468
Ion Ratio Lower Upper
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141 95.7 74.5 111.7

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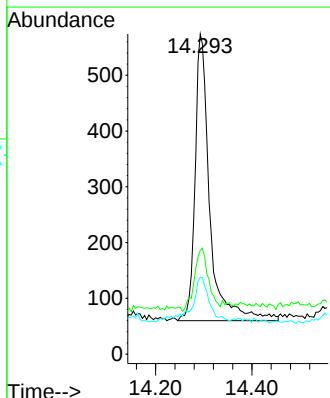
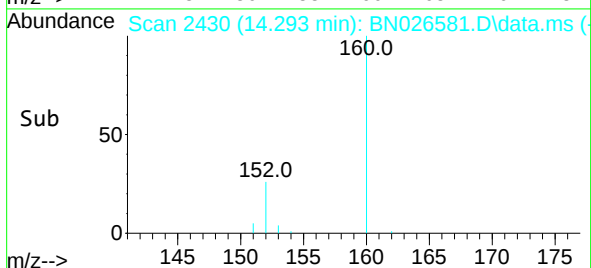
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

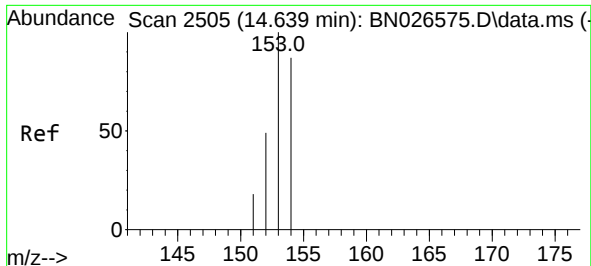


#10
Acenaphthylene
Concen: 0.078 ng/u1
RT: 14.293 min Scan# 2430
Delta R.T. -0.009 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01



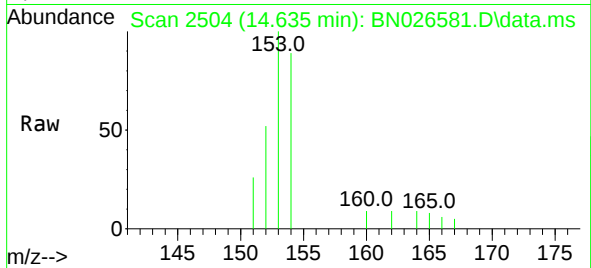
Tgt Ion:152 Resp: 1091
Ion Ratio Lower Upper
152 100
151 32.4 17.0 25.6#
153 24.0 11.4 17.2#





#11
Acenaphthene
Concen: 0.169 ng/ul
RT: 14.635 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01

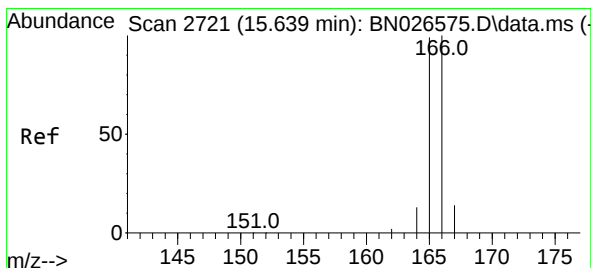
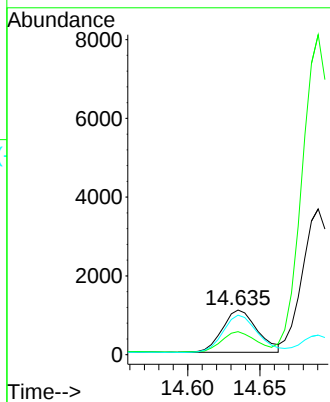
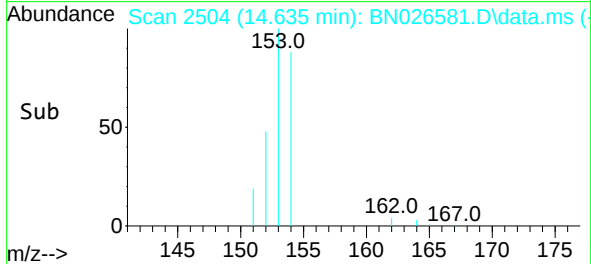
Instrument :
BNA_N
ClientSampleId :
A46M8DL



Tgt Ion:153 Resp: 1809
Ion Ratio Lower Upper
153 100
152 51.5 40.2 60.4
154 88.6 69.3 103.9

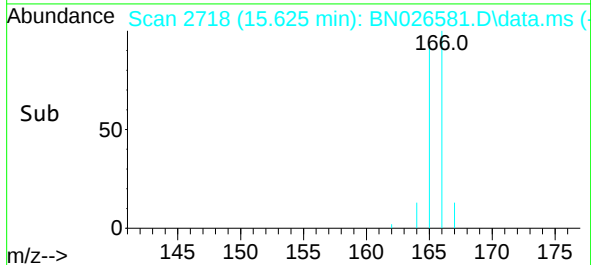
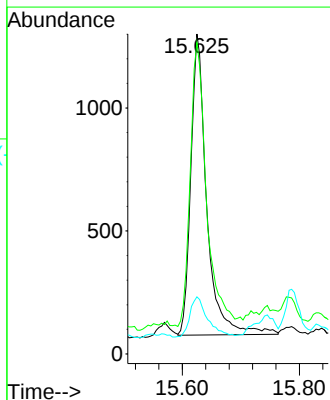
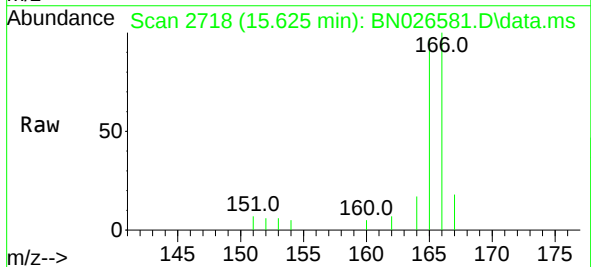
Manual Integrations
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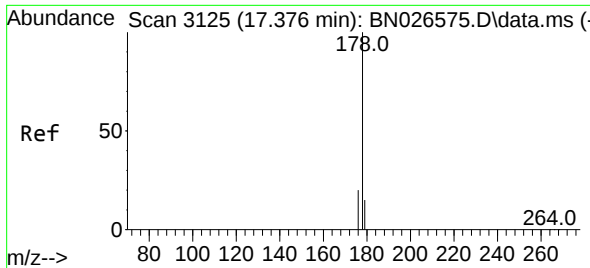
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#12
Fluorene
Concen: 0.206 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.014 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01

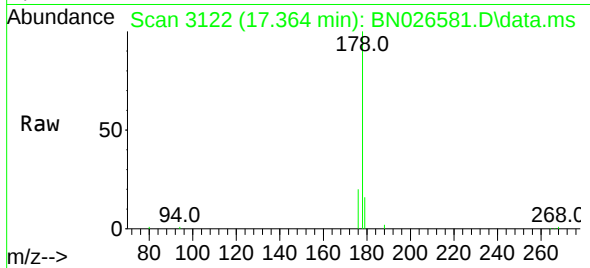
Tgt Ion:166 Resp: 2306
Ion Ratio Lower Upper
166 100
165 97.3 80.6 120.8
167 17.8 12.0 18.0





#15
Phenanthrene
Concen: 1.218 ng/u1
RT: 17.364 min Scan# 3125
Delta R.T. -0.013 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01

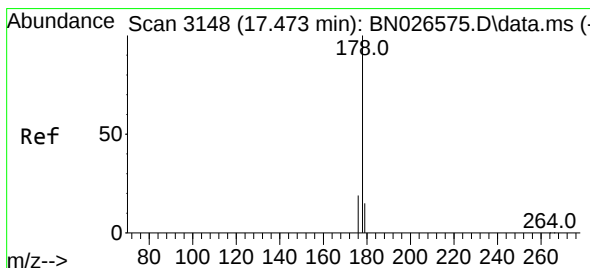
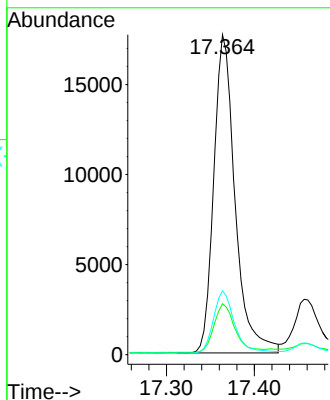
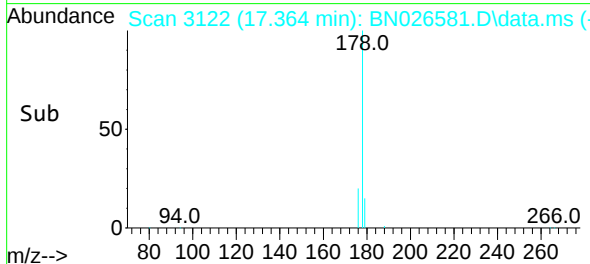
Instrument :
BNA_N
ClientSampleId :
A46M8DL



Tgt Ion:178 Resp: 2974
Ion Ratio Lower Upper
178 100
179 16.0 13.7 20.5
176 19.9 16.5 24.7

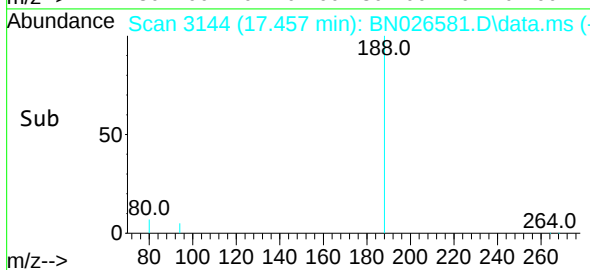
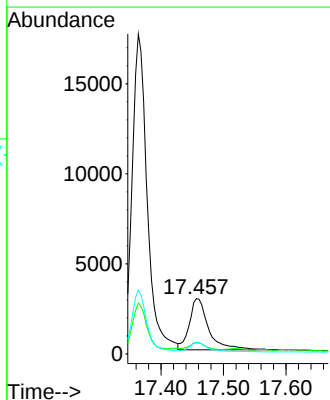
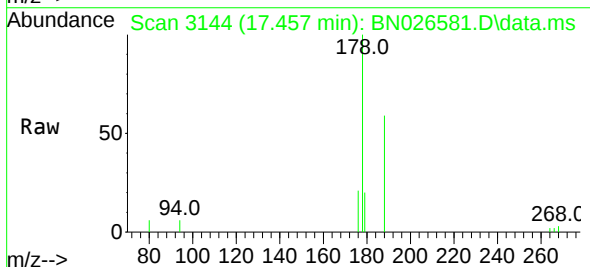
Manual Integrations
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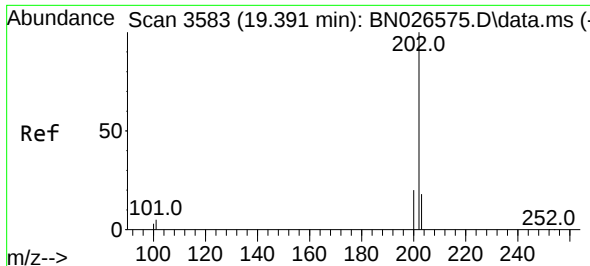
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#16
Anthracene
Concen: 0.289 ng/u1
RT: 17.457 min Scan# 3144
Delta R.T. -0.017 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01

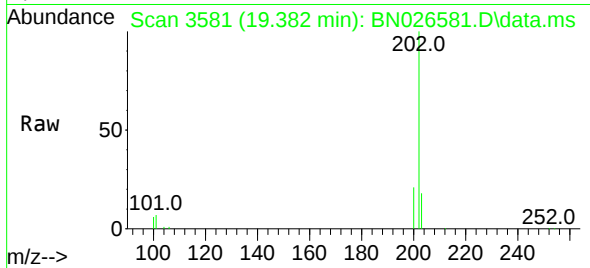
Tgt Ion:178 Resp: 6122
Ion Ratio Lower Upper
178 100
179 20.0 14.8 22.2
176 21.3 16.6 25.0





#19
Fluoranthene
Concen: 0.776 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. -0.009 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01

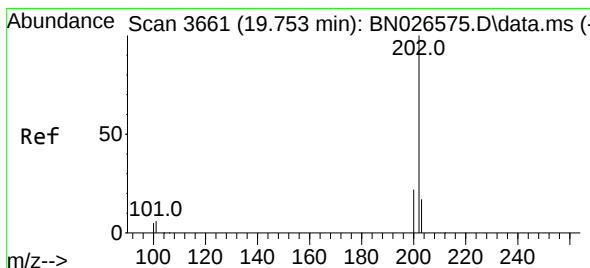
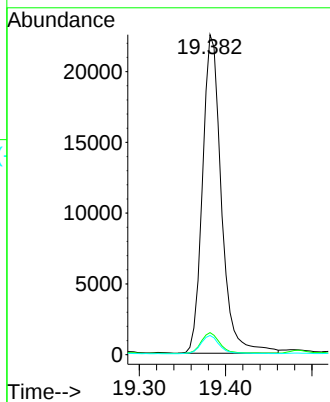
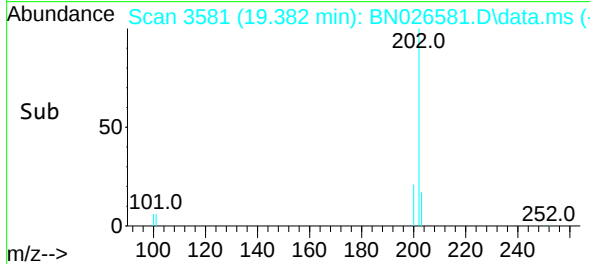
Instrument :
BNA_N
ClientSampleId :
A46M8DL



Tgt Ion:202 Resp: 3431
Ion Ratio Lower Upper
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101 6.9 7.0 10.4
100 6.0 6.0 9.0

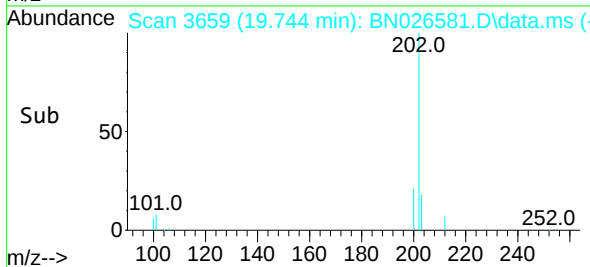
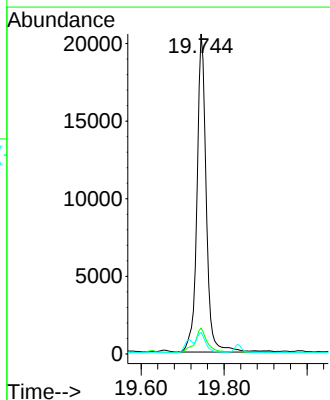
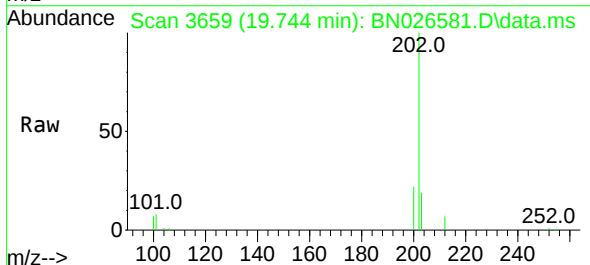
Manual Integrations
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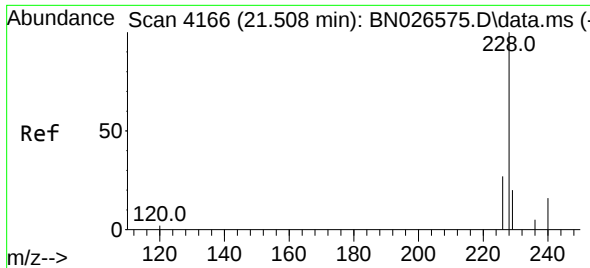
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
Pyrene
Concen: 0.666 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.009 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01

Tgt Ion:202 Resp: 32022
Ion Ratio Lower Upper
202 100
101 8.1 8.0 12.0
100 6.7 6.2 9.2





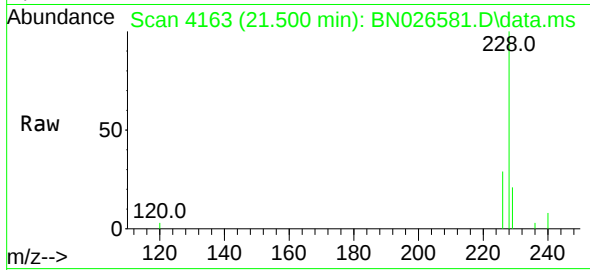
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Benzo(a)anthracene
Concen: 0.565 ng/u1
RT: 21.500 min Scan# 4163
Delta R.T. -0.008 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01

Instrument :

BNA_N

ClientSampleId :

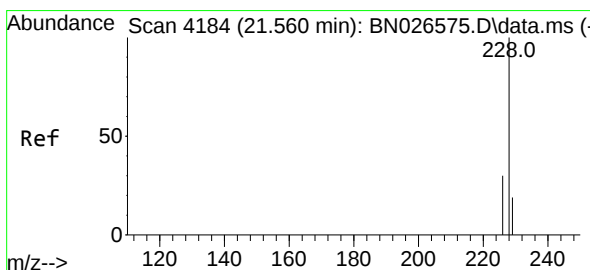
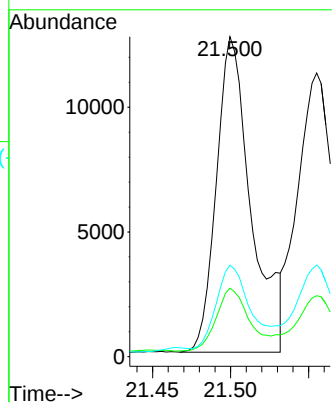
A46M8DL



Tgt Ion:228 Resp: 1960
Ion Ratio Lower Upper
228 100
229 21.4 16.7 25.1
226 28.6 23.5 35.3

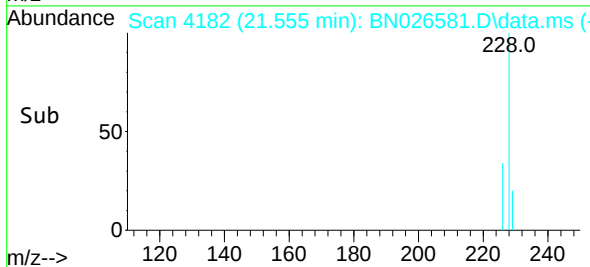
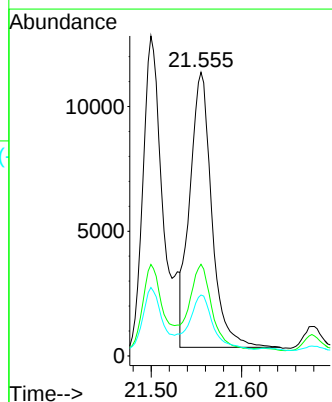
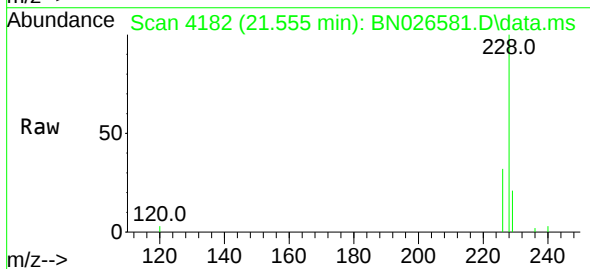
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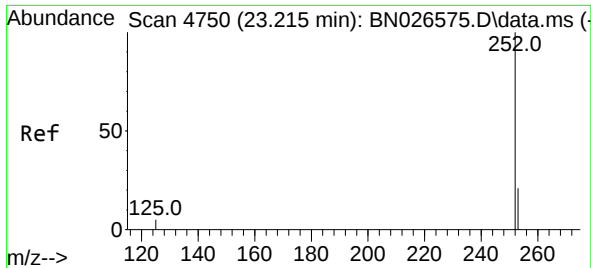
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Chrysene
Concen: 0.470 ng/u1
RT: 21.555 min Scan# 4182
Delta R.T. -0.005 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01

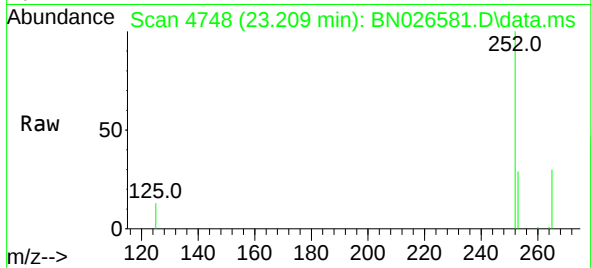
Tgt Ion:228 Resp: 18567
Ion Ratio Lower Upper
228 100
226 32.3 25.2 37.8
229 21.5 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.446 ng/ul m
RT: 23.209 min Scan# 4748
Delta R.T. -0.005 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01

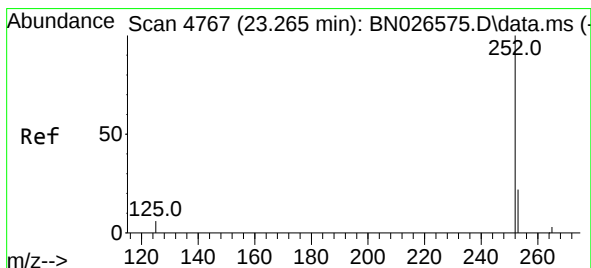
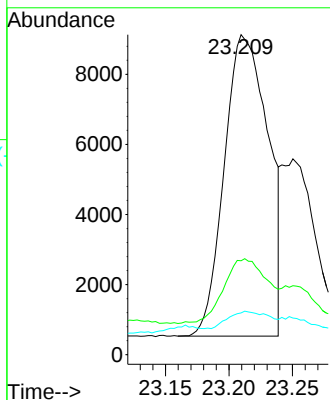
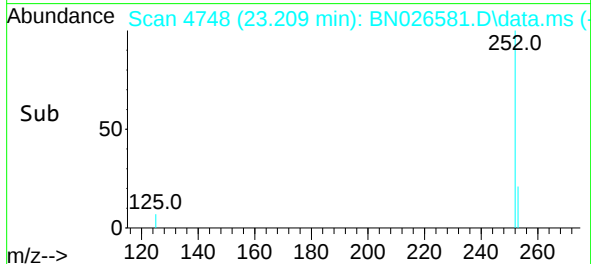
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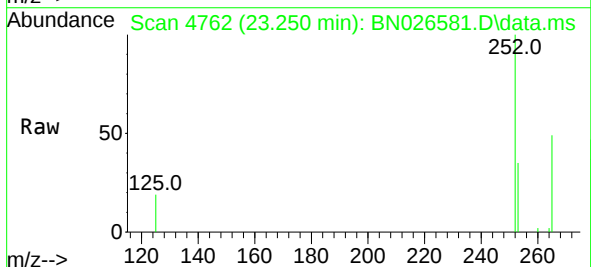
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Ion Ratio Lower Upper
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253 29.3 0.0 68.6
125 13.1 0.0 34.0

Manual Integrations
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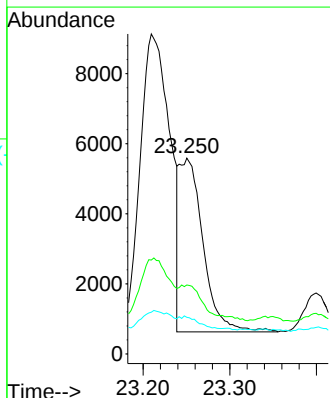
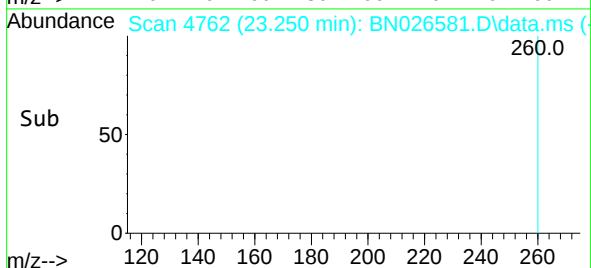
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

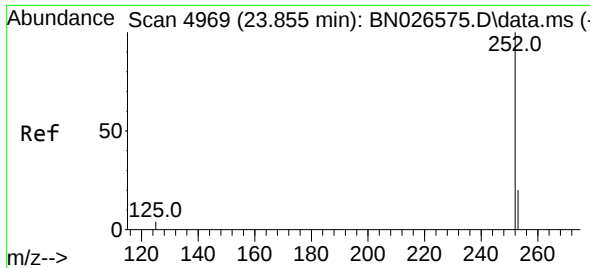


#25
Benzo(k)fluoranthene
Concen: 0.197 ng/ul m
RT: 23.250 min Scan# 4762
Delta R.T. -0.014 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01



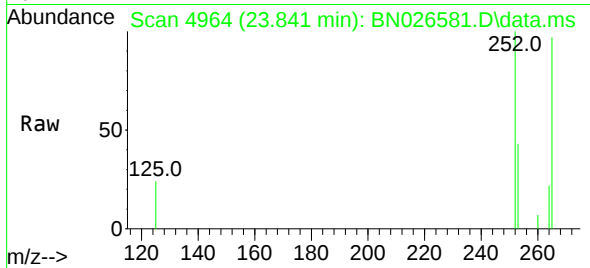
Tgt Ion:252 Resp: 9513
Ion Ratio Lower Upper
252 100
253 35.2 27.2 40.8
125 18.7 13.4 20.2





#26
Benzo(a)pyrene
Concen: 0.163 ng/ul
RT: 23.841 min Scan# 4969
Delta R.T. -0.014 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01

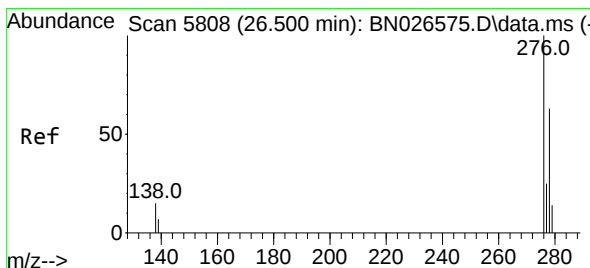
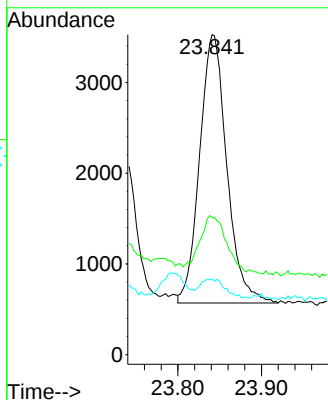
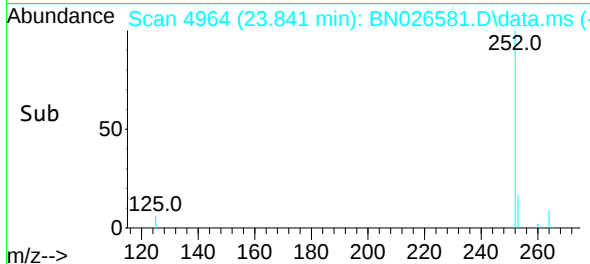
Instrument :
BNA_N
ClientSampleId :
A46M8DL



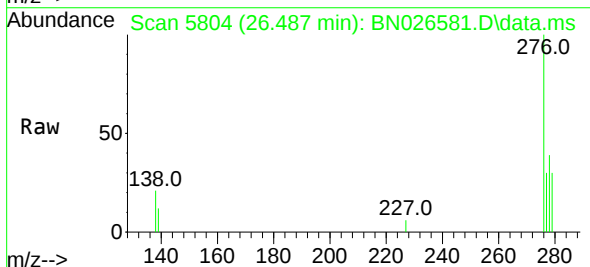
Tgt Ion:252 Resp: 667
Ion Ratio Lower Upper
252 100
253 42.9 32.6 49.0
125 23.7 19.3 28.9

Manual Integrations
APPROVED

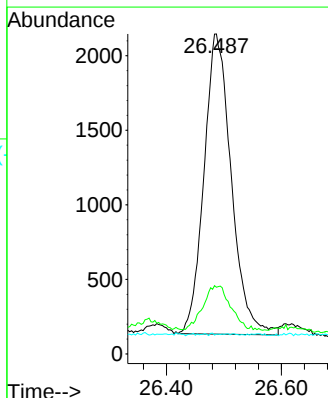
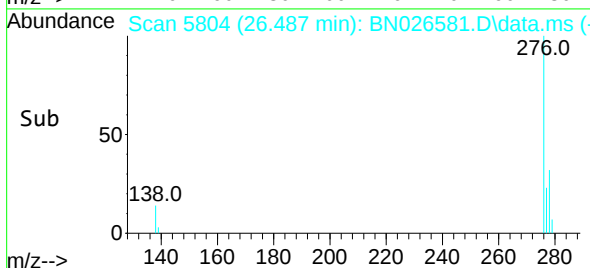
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

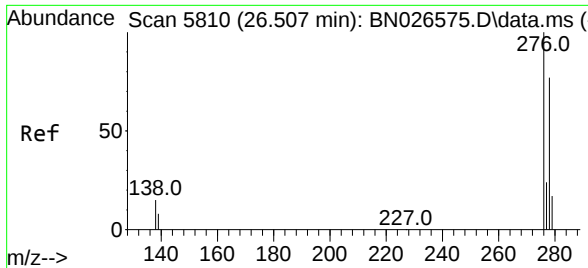


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.123 ng/ul
RT: 26.487 min Scan# 5804
Delta R.T. -0.013 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01



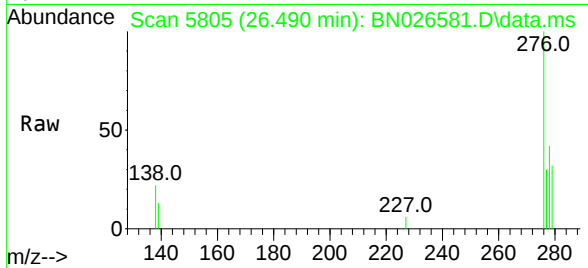
Tgt Ion:276 Resp: 6644
Ion Ratio Lower Upper
276 100
138 15.1 22.2 33.4#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 26.490 min Scan# 5805
Delta R.T. -0.016 min
Lab File: BN026581.D
Acq: 19 Jul 2023 02:01

Instrument :
BNA_N
ClientSampleId :
A46M8DL



Tgt Ion:278 Resp: 274.9
Ion Ratio Lower Upper
278 100
139 31.0 18.9 28.3
279 76.3 31.3 46.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

