

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026583.D
 Acq On : 19 Jul 2023 03:15
 Operator : MA/JU
 Sample : 03501-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46X6

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 05:11:35 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	7.925	152	1769	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.737	136	5675	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.575	164	4053	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	16224	0.400	ng/ul	-0.01
17) Chrysene-d12	21.520	240	13128	0.400	ng/ul	# 0.00
23) Perylene-d12	23.955	264	14509	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	5067	2.175	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	2394	0.310	ng/ul	-0.01
18) Fluoranthene-d10	19.354	212	9034	0.199	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	1493	0.096	ng/ul#	79
7) 2-Methylnaphthalene	12.403	142	596	0.067	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	677	0.071	ng/ul	100
10) Acenaphthylene	14.293	152	3413	0.172	ng/ul#	92
11) Acenaphthene	14.635	153	2956	0.195	ng/ul	98
12) Fluorene	15.620	166	4932	0.311	ng/ul	97
15) Phenanthrene	17.364	178	74419	1.440	ng/ul	97
16) Anthracene	17.452	178	12822	0.286	ng/ul	98
19) Fluoranthene	19.382	202	158106	2.569	ng/ul#	95
20) Pyrene	19.744	202	47001	0.703	ng/ul	98
21) Benzo(a)anthracene	21.503	228	89660	1.859	ng/ul	99
22) Chrysene	21.555	228	76277	1.389	ng/ul	97
24) Benzo(b)fluoranthene	23.212	252	100885m	1.785	ng/ul	
25) Benzo(k)fluoranthene	23.256	252	42954m	0.725	ng/ul	
26) Benzo(a)pyrene	23.841	252	10100	0.201	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.484	276	14876	0.226	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.500	278	13495	0.267	ng/ul	94

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

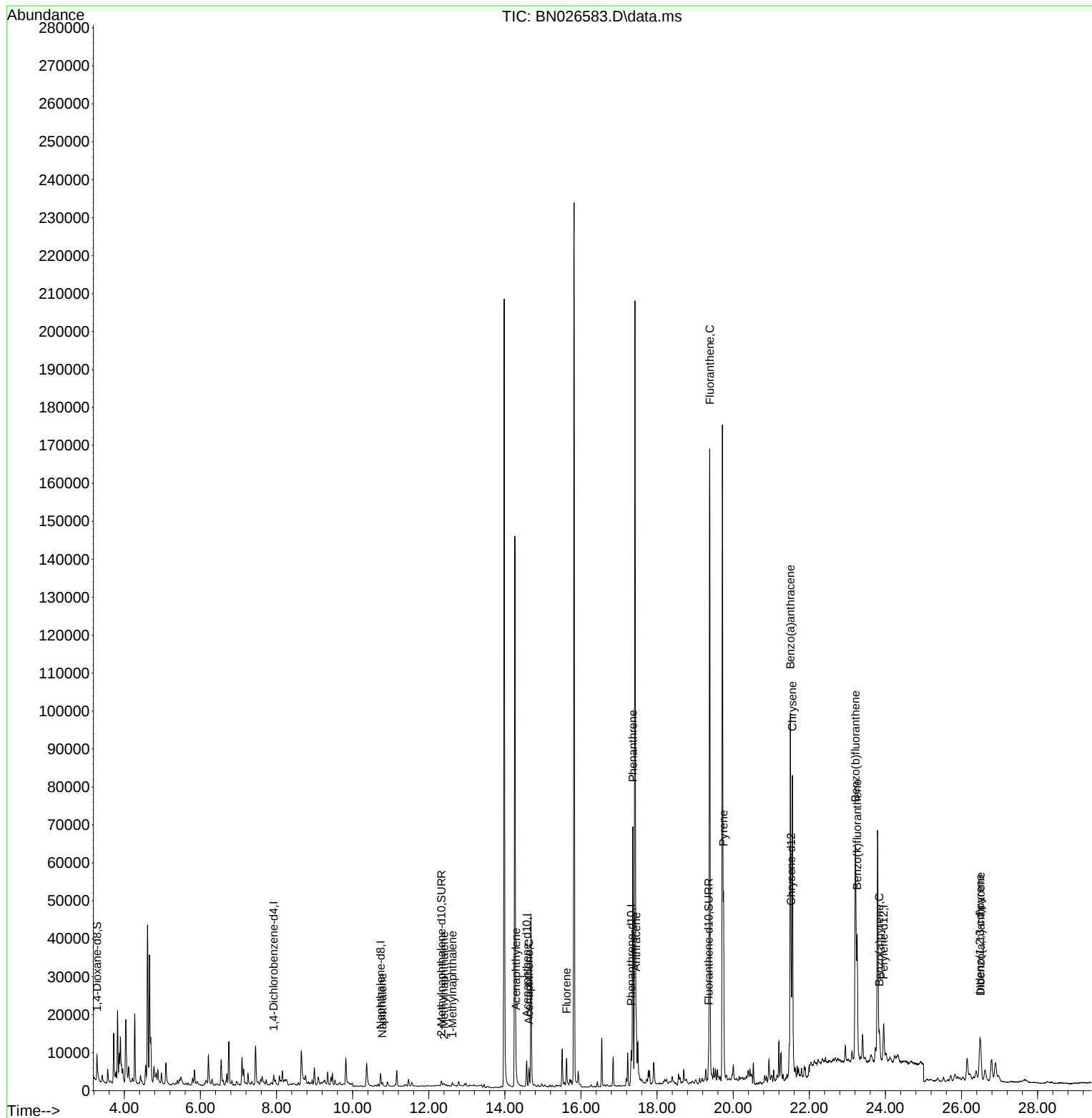
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026583.D
Acq On : 19 Jul 2023 03:15
Operator : MA/JU
Sample : 03501-11
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ALS Vial : 26 Sample Multiplier: 1

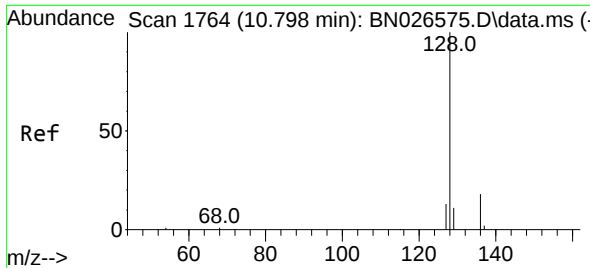
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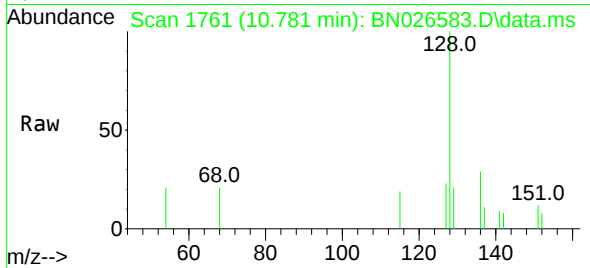
Quant Time: Jul 19 05:11:35 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:52:36 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. -0.016 min
Lab File: BN026583.D
Acq: 19 Jul 2023 03:15

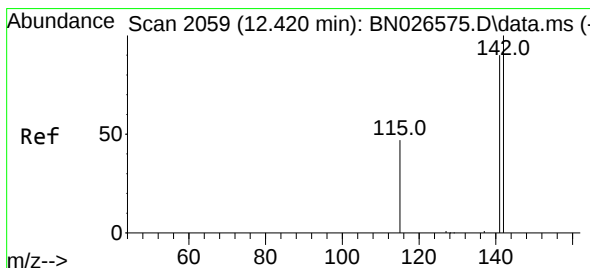
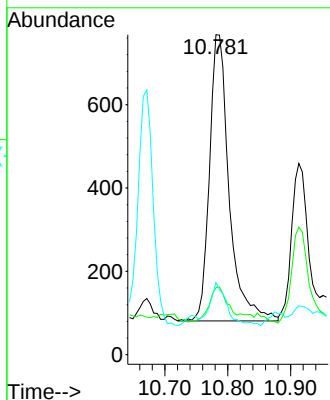
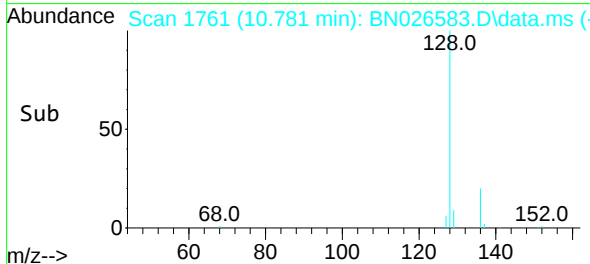
Instrument :
BNA_N
ClientSampleId :
A46X6



Tgt Ion:128 Resp: 149
Ion Ratio Lower Upper
128 100
129 21.0 10.2 15.2
127 22.5 11.4 17.0

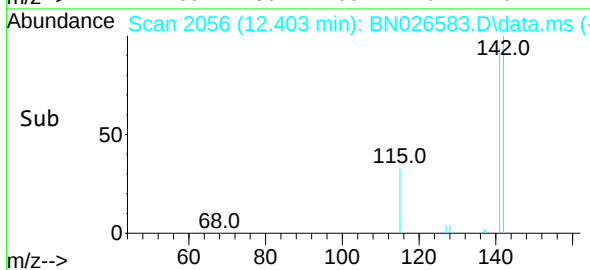
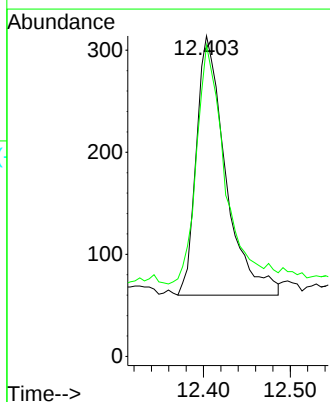
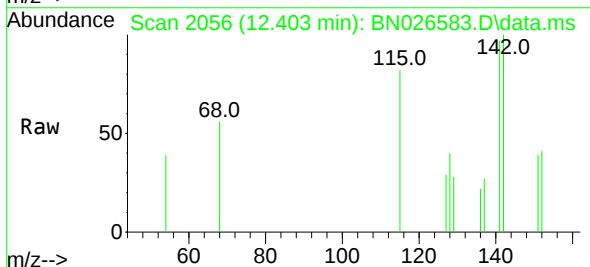
Manual Integrations
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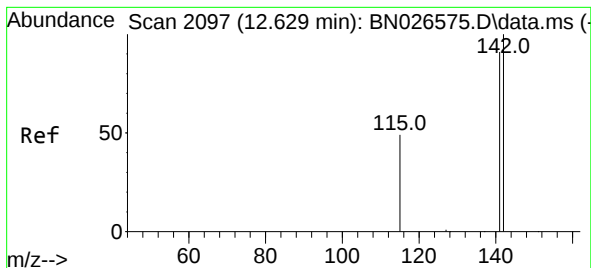
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. -0.016 min
Lab File: BN026583.D
Acq: 19 Jul 2023 03:15

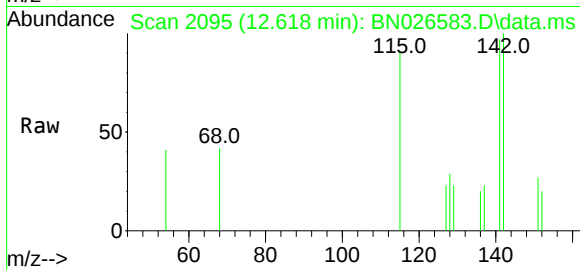
Tgt Ion:142 Resp: 596
Ion Ratio Lower Upper
142 100
141 90.3 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. -0.011 min
Lab File: BN026583.D
Acq: 19 Jul 2023 03:15

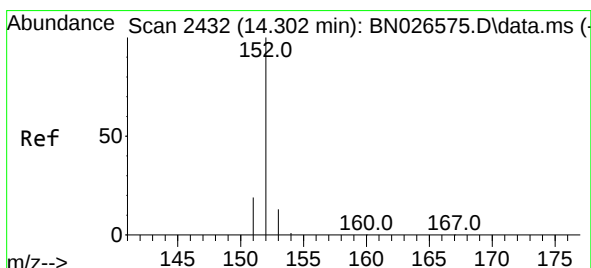
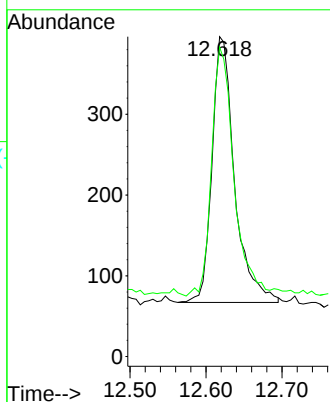
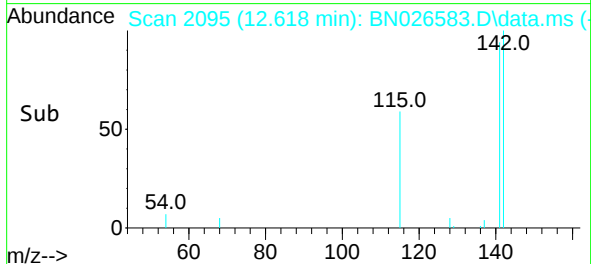
Instrument :
BNA_N
ClientSampleId :
A46X6



Tgt Ion:142 Resp: 67
Ion Ratio Lower Upper
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141 93.4 74.5 111.7

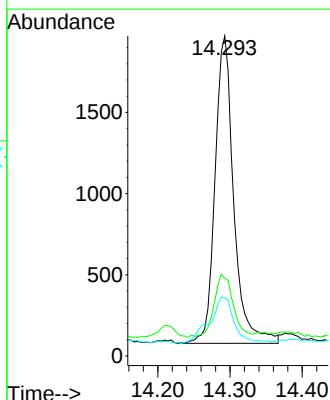
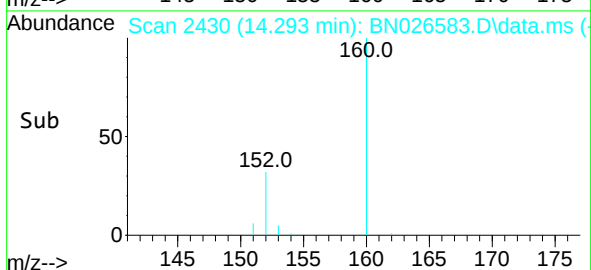
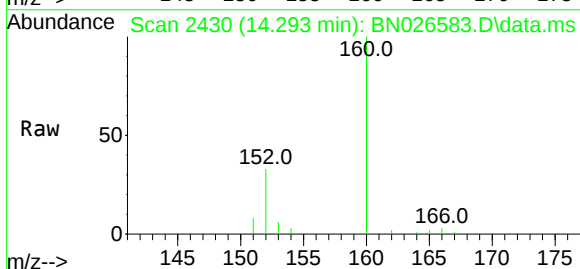
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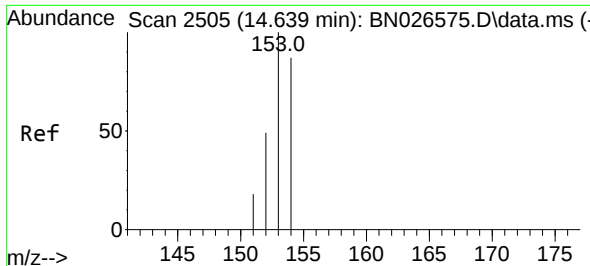
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Acenaphthylene
Concen: 0.172 ng/ul
RT: 14.293 min Scan# 2430
Delta R.T. -0.009 min
Lab File: BN026583.D
Acq: 19 Jul 2023 03:15

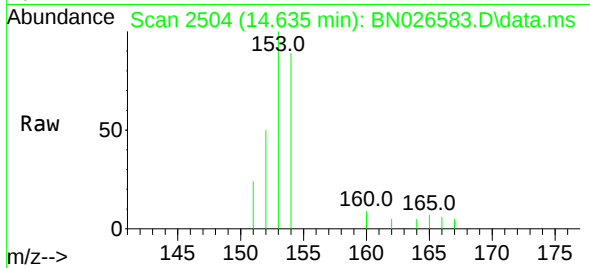
Tgt Ion:152 Resp: 3413
Ion Ratio Lower Upper
152 100
151 24.3 17.0 25.6
153 18.2 11.4 17.2#





#11
Acenaphthene
Concen: 0.195 ng/ul
RT: 14.635 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN026583.D
Acq: 19 Jul 2023 03:15

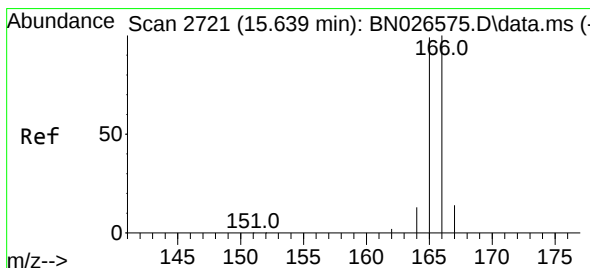
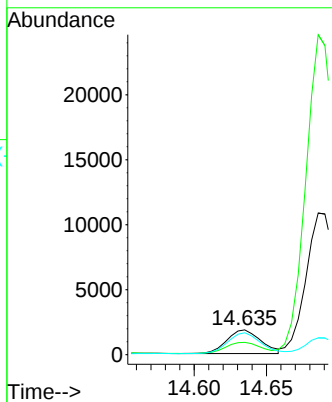
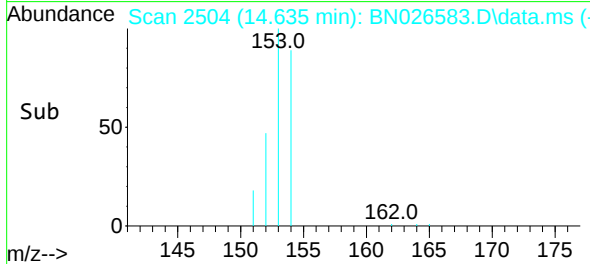
Instrument :
BNA_N
ClientSampleId :
A46X6



Tgt Ion:153 Resp: 2950
Ion Ratio Lower Upper
153 100
152 49.9 40.2 60.4
154 88.6 69.3 103.9

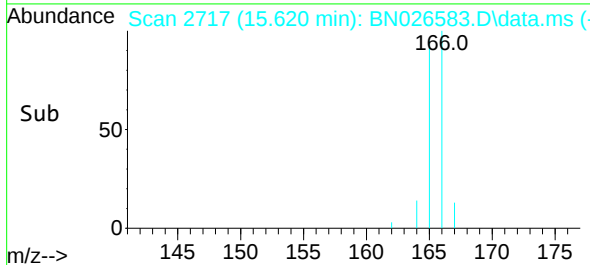
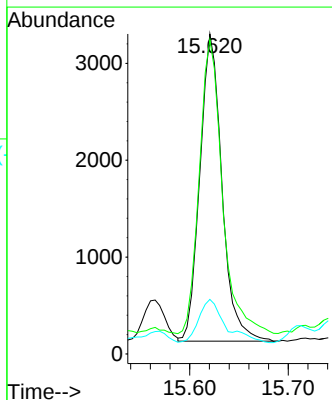
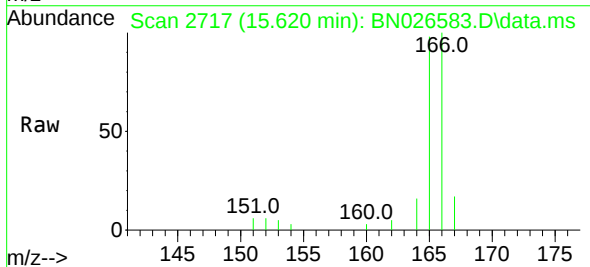
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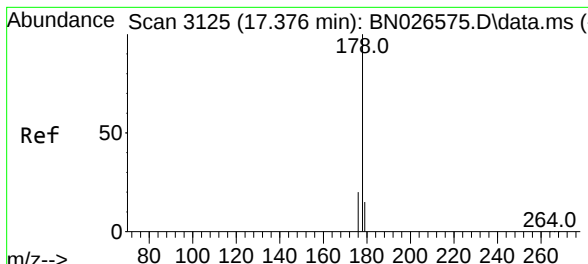
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#12
Fluorene
Concen: 0.311 ng/ul
RT: 15.620 min Scan# 2717
Delta R.T. -0.018 min
Lab File: BN026583.D
Acq: 19 Jul 2023 03:15

Tgt Ion:166 Resp: 4932
Ion Ratio Lower Upper
166 100
165 98.2 80.6 120.8
167 17.1 12.0 18.0



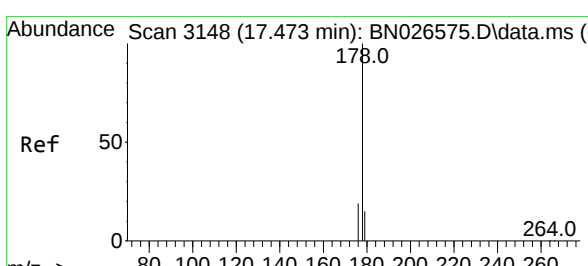
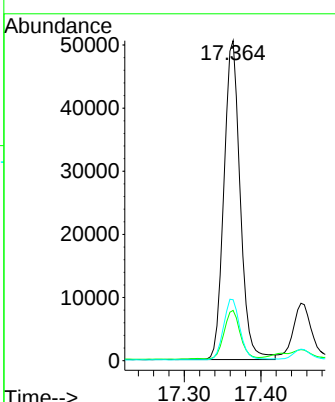
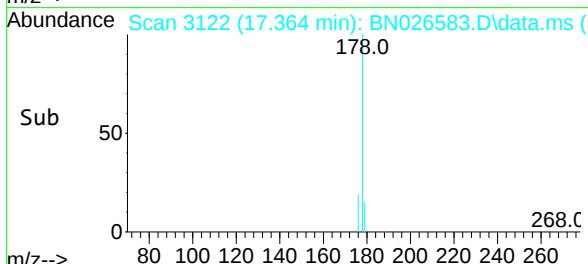
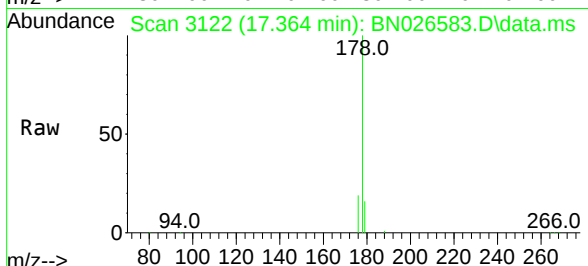


#15
 Phenanthrene
 Concen: 1.440 ng/u1
 RT: 17.364 min Scan# 3122
 Delta R.T. -0.013 min
 Lab File: BN026583.D
 Acq: 19 Jul 2023 03:15

Instrument : BNA_N
 ClientSampleId : A46X6

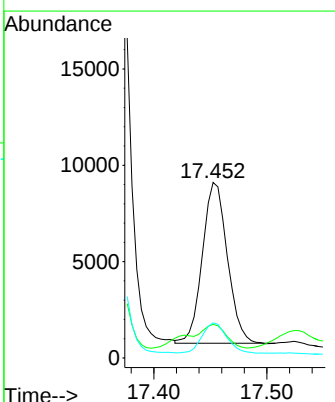
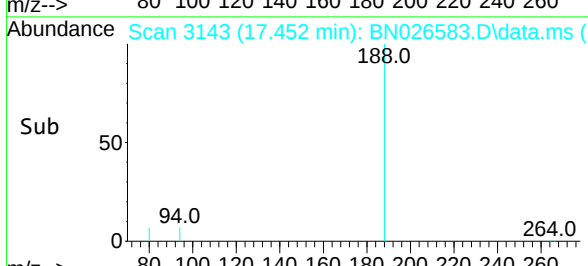
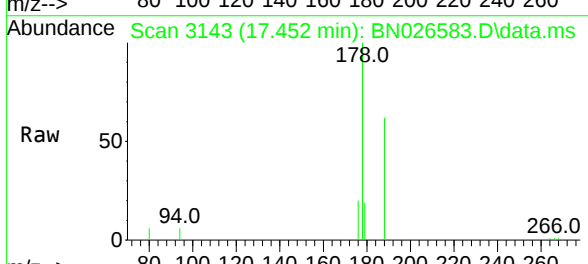
Tgt Ion:	178	Resp:	74419
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.7	20.5
176	19.1	16.5	24.7

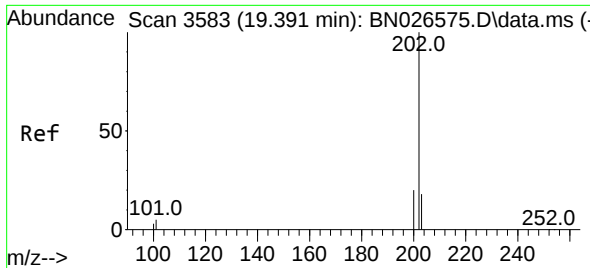
Manual Integrations
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 Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



#16
 Anthracene
 Concen: 0.286 ng/u1
 RT: 17.452 min Scan# 3143
 Delta R.T. -0.021 min
 Lab File: BN026583.D
 Acq: 19 Jul 2023 03:15

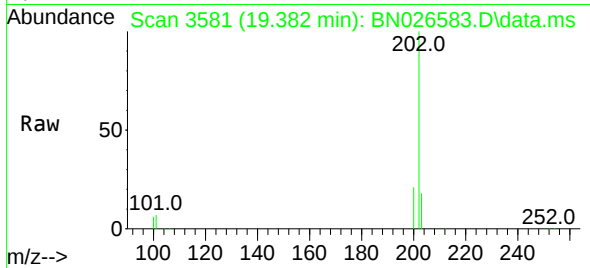
Tgt Ion:	178	Resp:	12822
Ion Ratio	Lower	Upper	
178	100		
179	19.1	14.8	22.2
176	20.0	16.6	25.0





#19
Fluoranthene
Concen: 2.569 ng/u1
RT: 19.382 min Scan# 3581
Delta R.T. -0.009 min
Lab File: BN026583.D
Acq: 19 Jul 2023 03:15

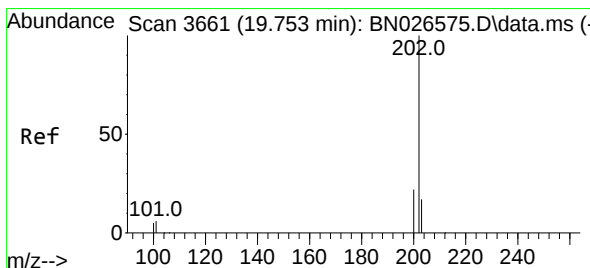
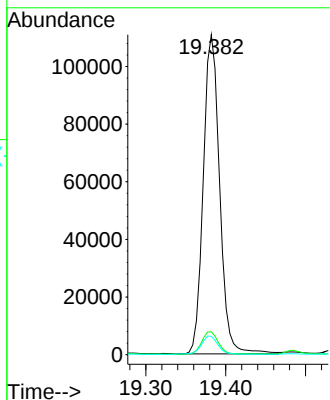
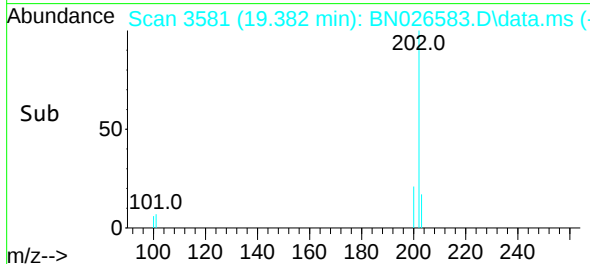
Instrument :
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ClientSampleId :
A46X6



Tgt Ion:202 Resp: 158100
Ion Ratio Lower Upper
202 100
101 7.2 7.0 10.4
100 5.8 6.0 9.0

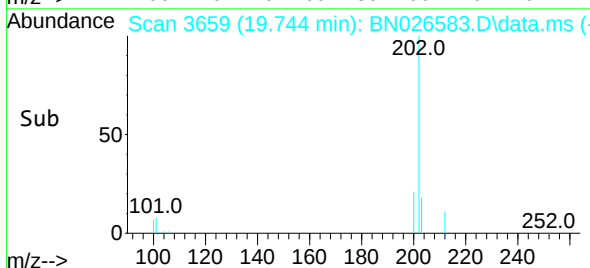
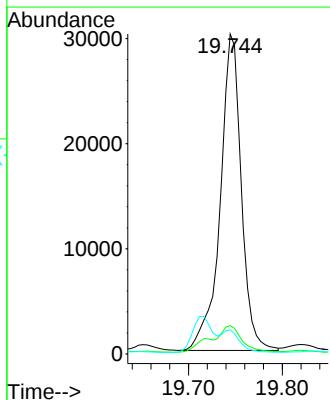
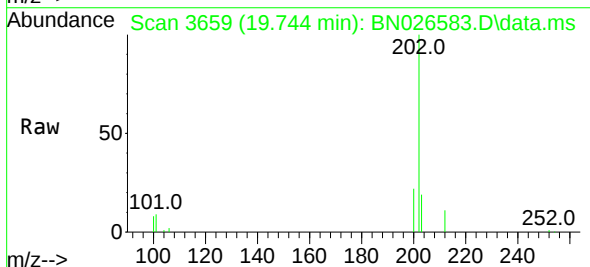
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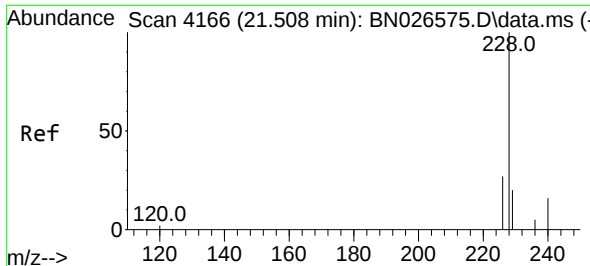
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
Pyrene
Concen: 0.703 ng/u1
RT: 19.744 min Scan# 3659
Delta R.T. -0.009 min
Lab File: BN026583.D
Acq: 19 Jul 2023 03:15

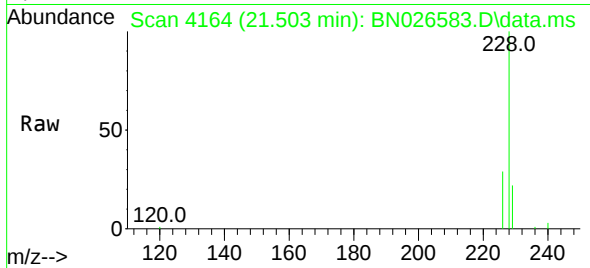
Tgt Ion:202 Resp: 47001
Ion Ratio Lower Upper
202 100
101 8.9 8.0 12.0
100 7.5 6.2 9.2





#21
Benzo(a)anthracene
Concen: 1.859 ng/uI
RT: 21.503 min Scan# 4166
Delta R.T. -0.005 min
Lab File: BN026583.D
Acq: 19 Jul 2023 03:15

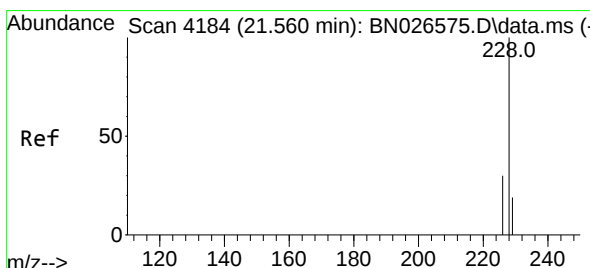
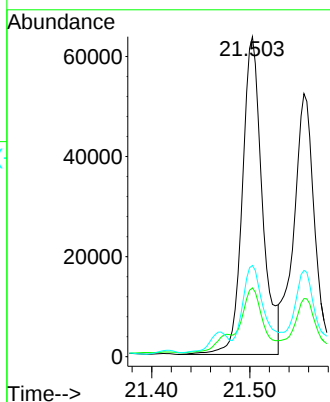
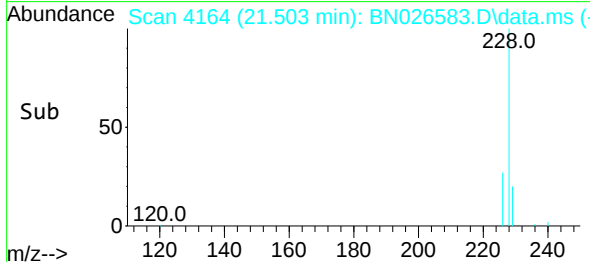
Instrument :
BNA_N
ClientSampleId :
A46X6



Tgt Ion:228 Resp: 89660
Ion Ratio Lower Upper
228 100
229 21.5 16.7 25.1
226 28.5 23.5 35.3

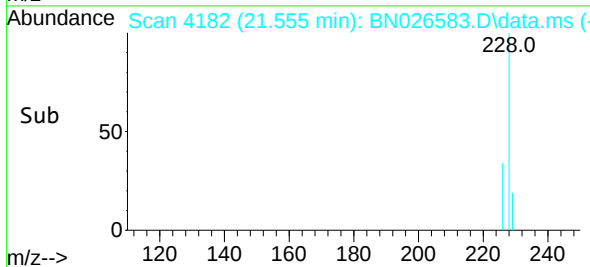
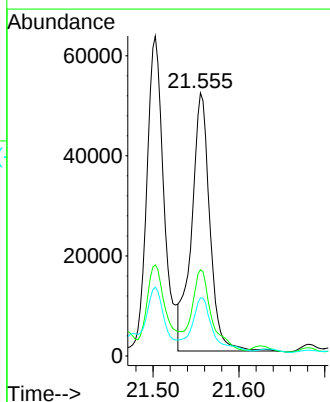
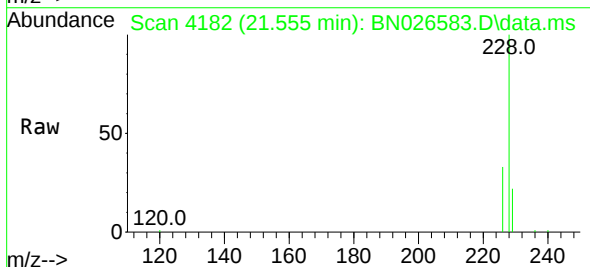
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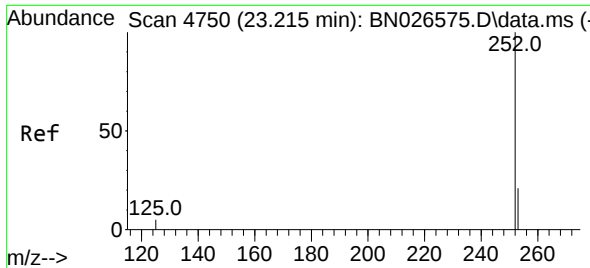
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Chrysene
Concen: 1.389 ng/uI
RT: 21.555 min Scan# 4182
Delta R.T. -0.005 min
Lab File: BN026583.D
Acq: 19 Jul 2023 03:15

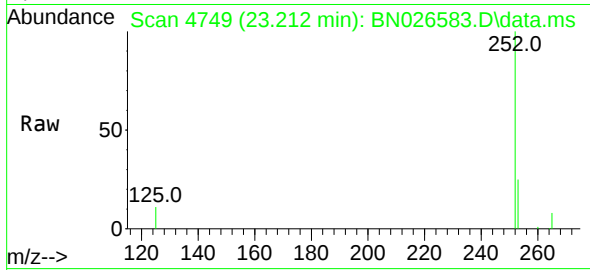
Tgt Ion:228 Resp: 76277
Ion Ratio Lower Upper
228 100
226 32.8 25.2 37.8
229 22.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.785 ng/ul m
RT: 23.212 min Scan# 4749
Delta R.T. -0.002 min
Lab File: BN026583.D
Acq: 19 Jul 2023 03:15

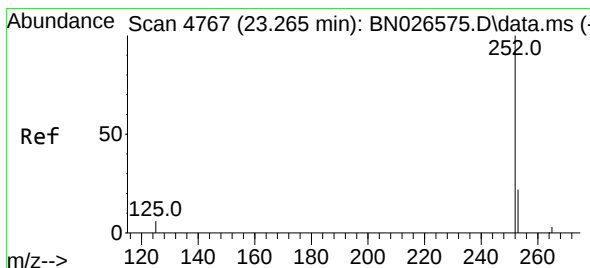
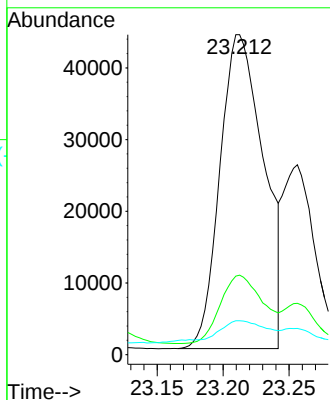
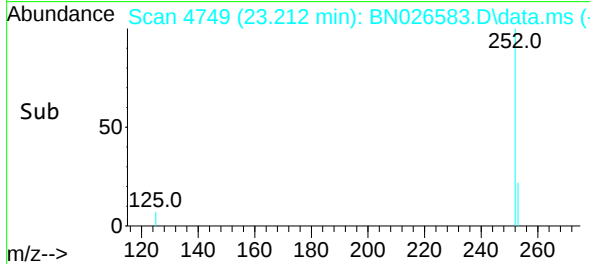
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 100885
Ion Ratio Lower Upper
252 100
253 24.8 0.0 68.6
125 10.6 0.0 34.0

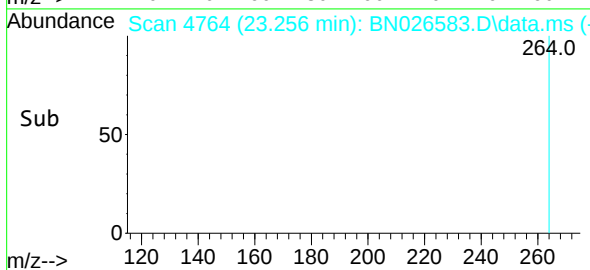
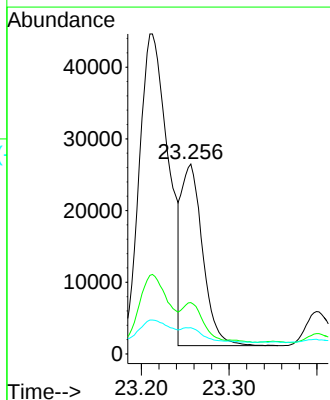
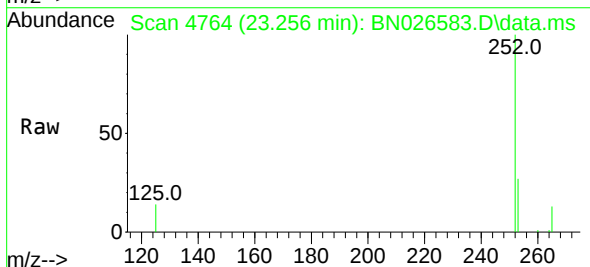
Manual Integrations
APPROVED

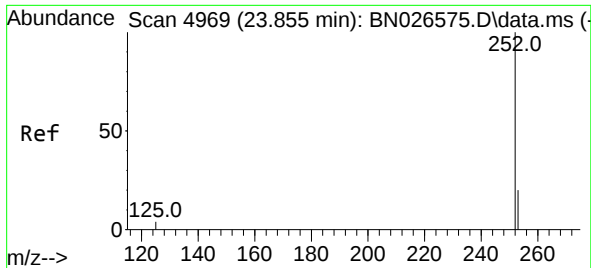
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#25
Benzo(k)fluoranthene
Concen: 0.725 ng/ul m
RT: 23.256 min Scan# 4764
Delta R.T. -0.008 min
Lab File: BN026583.D
Acq: 19 Jul 2023 03:15

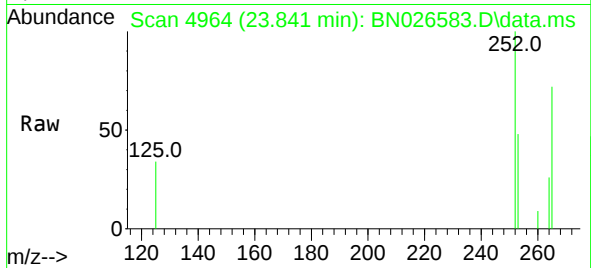
Tgt Ion:252 Resp: 42954
Ion Ratio Lower Upper
252 100
253 27.0 27.2 40.8#
125 13.8 13.4 20.2





#26
Benzo(a)pyrene
Concen: 0.201 ng/ul
RT: 23.841 min Scan# 4969
Delta R.T. -0.014 min
Lab File: BN026583.D
Acq: 19 Jul 2023 03:15

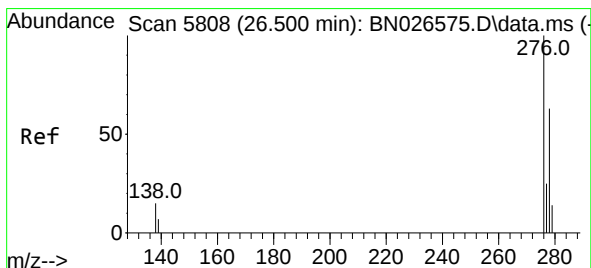
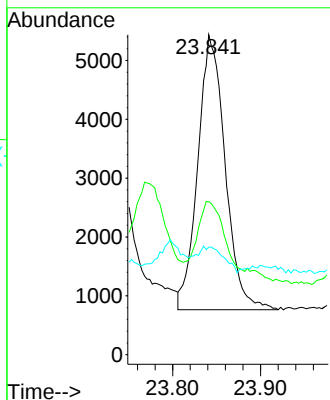
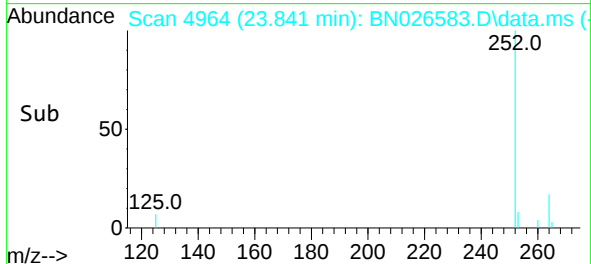
Instrument :
BNA_N
ClientSampleId :
A46X6



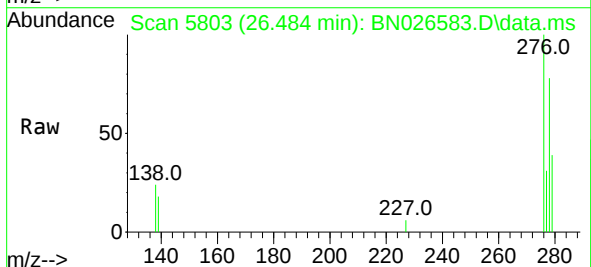
Tgt Ion:252 Resp: 10100
Ion Ratio Lower Upper
252 100
253 47.8 32.6 49.0
125 33.6 19.3 28.9

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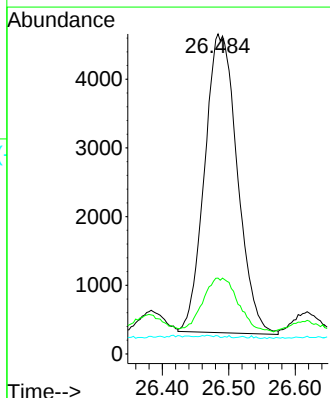
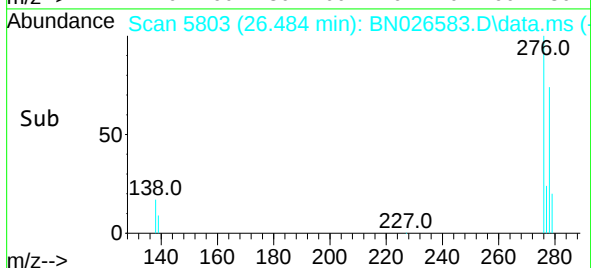
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

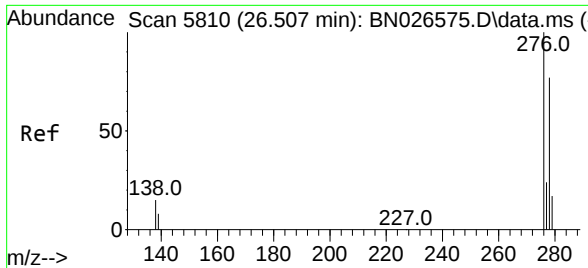


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.226 ng/ul
RT: 26.484 min Scan# 5803
Delta R.T. -0.016 min
Lab File: BN026583.D
Acq: 19 Jul 2023 03:15



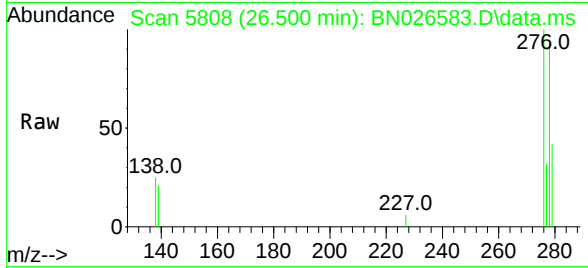
Tgt Ion:276 Resp: 14876
Ion Ratio Lower Upper
276 100
138 19.6 22.2 33.4#
227 0.1 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.267 ng/ul
 RT: 26.500 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: BN026583.D
 Acq: 19 Jul 2023 03:15

Instrument :
 BNA_N
 ClientSampleId :
 A46X6



Tgt Ion:278 Resp: 1349
 Ion Ratio Lower Upper
 278 100
 139 23.0 18.9 28.3
 279 45.0 31.3 46.9

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

