

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026584.D
 Acq On : 19 Jul 2023 03:51
 Operator : MA/JU
 Sample : 03501-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46T9

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 05:14:14 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	1684	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.736	136	5544	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.570	164	3831	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	10840	0.400	ng/ul	-0.01
17) Chrysene-d12	21.519	240	11403	0.400	ng/ul	# 0.00
23) Perylene-d12	23.954	264	11648	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	3141	1.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.331	152	2146	0.285	ng/ul	-0.01
18) Fluoranthene-d10	19.353	212	7989	0.202	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.785	128	3777	0.248	ng/ul	94
7) 2-Methylnaphthalene	12.402	142	1188	0.138	ng/ul	98
8) 1-Methylnaphthalene	12.617	142	953	0.103	ng/ul	97
10) Acenaphthylene	14.292	152	3984	0.212	ng/ul#	91
11) Acenaphthene	14.635	153	3630	0.254	ng/ul	99
12) Fluorene	15.620	166	4599	0.307	ng/ul	99
15) Phenanthrene	17.363	178	75793	2.195	ng/ul	98
16) Anthracene	17.456	178	10004	0.334	ng/ul	96
19) Fluoranthene	19.381	202	152421	2.852	ng/ul#	95
20) Pyrene	19.744	202	80058	1.379	ng/ul	98
21) Benzo(a)anthracene	21.502	228	63107	1.506	ng/ul	98
22) Chrysene	21.554	228	68803	1.442	ng/ul	98
24) Benzo(b)fluoranthene	23.212	252	88974m	1.961	ng/ul	
25) Benzo(k)fluoranthene	23.253	252	31286m	0.658	ng/ul	
26) Benzo(a)pyrene	23.843	252	8722	0.216	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.486	276	21068	0.398	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.493	278	9995	0.246	ng/ul	92
29) Benzo(g,h,i)perylene	27.274	276	1054	0.023	ng/ul#	22

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

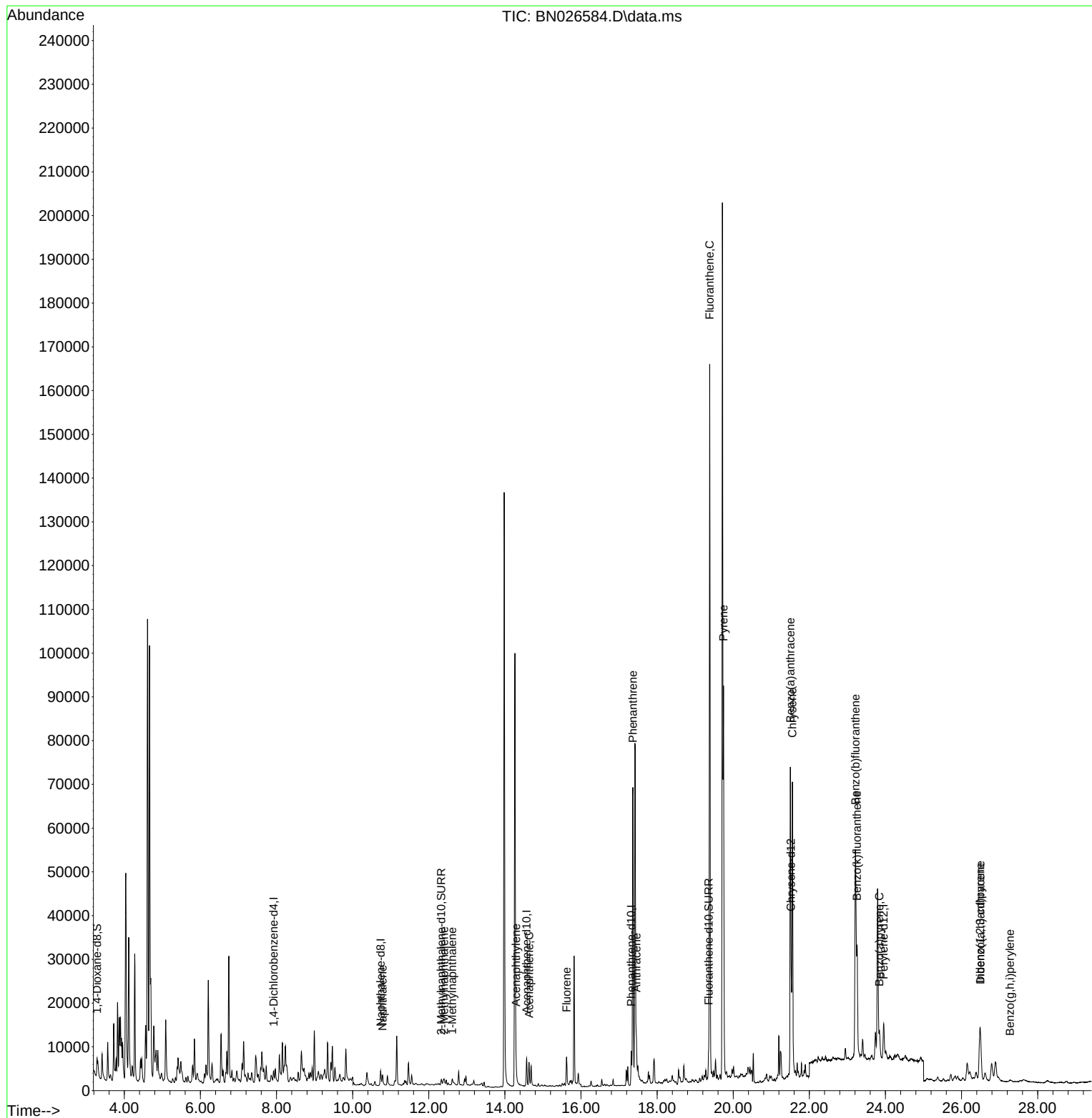
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026584.D
Acq On : 19 Jul 2023 03:51
Operator : MA/JU
Sample : 03501-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

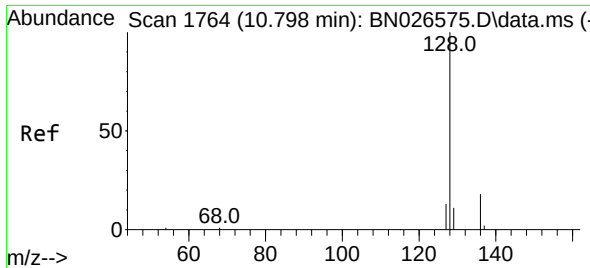
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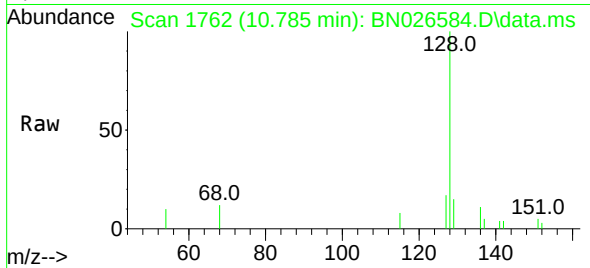
Quant Time: Jul 19 05:14:14 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:52:36 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.248 ng/ul
RT: 10.785 min Scan# 1762
Delta R.T. -0.012 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51

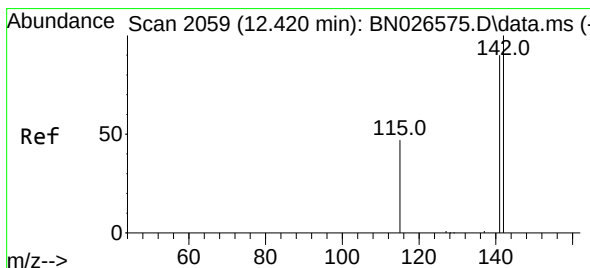
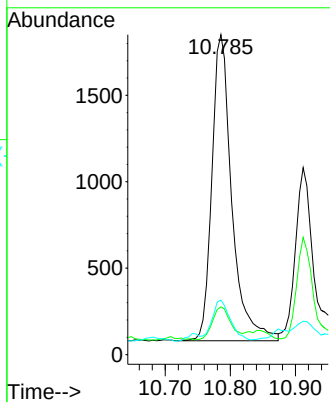
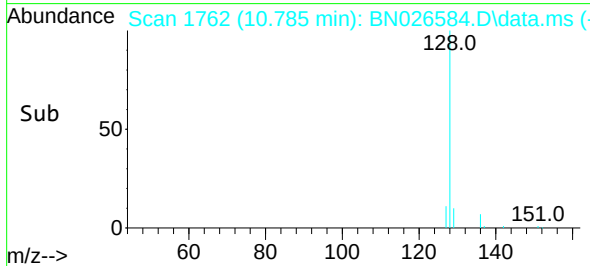
Instrument :
BNA_N
ClientSampleId :
A46T9



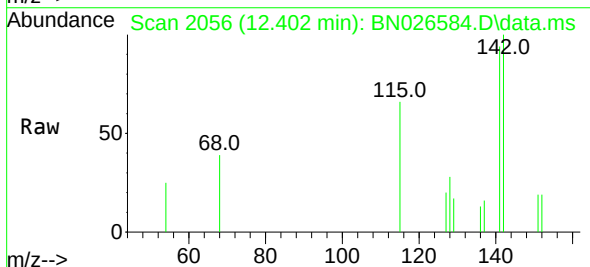
Tgt Ion:128 Resp: 377
Ion Ratio Lower Upper
128 100
129 14.9 10.2 15.2
127 17.0 11.4 17.0

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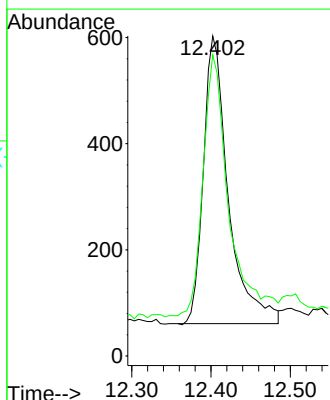
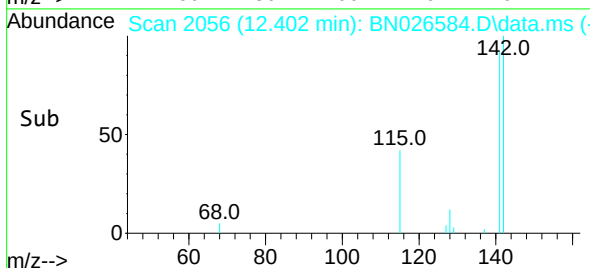
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

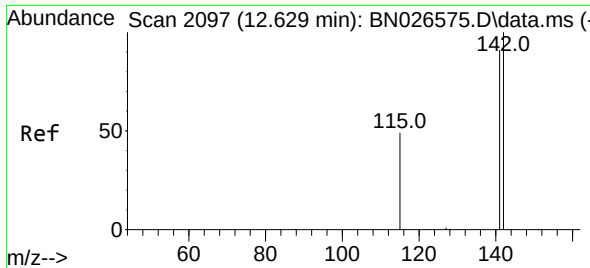


#7
2-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 12.402 min Scan# 2056
Delta R.T. -0.018 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51



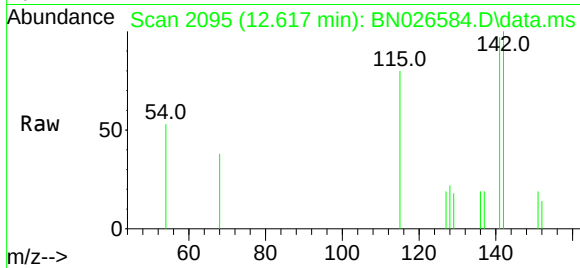
Tgt Ion:142 Resp: 1188
Ion Ratio Lower Upper
142 100
141 92.6 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.103 ng/u1
RT: 12.617 min Scan# 2095
Delta R.T. -0.012 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51

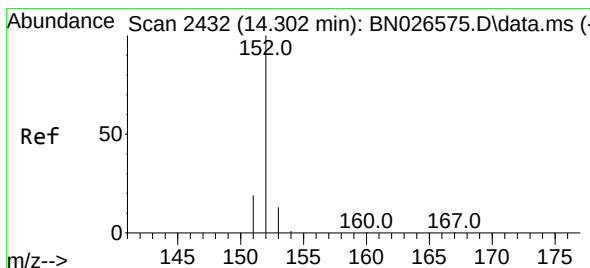
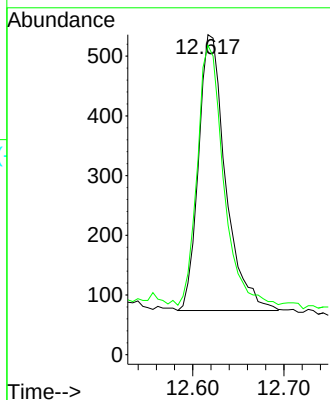
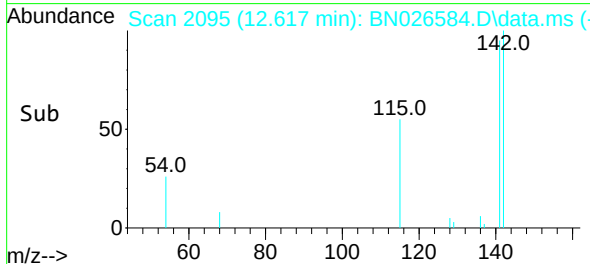
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 95
Ion Ratio Lower Upper
142 100
141 90.5 74.5 111.7

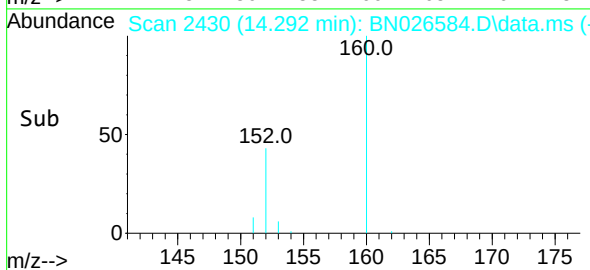
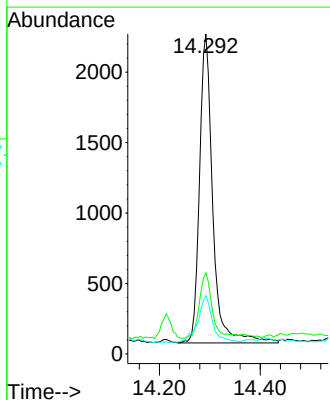
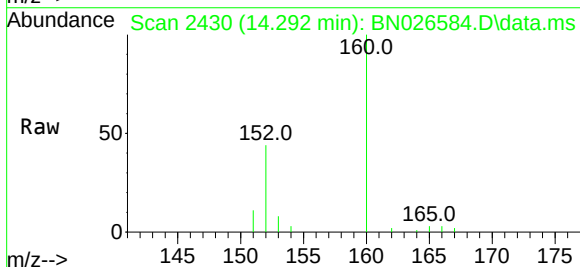
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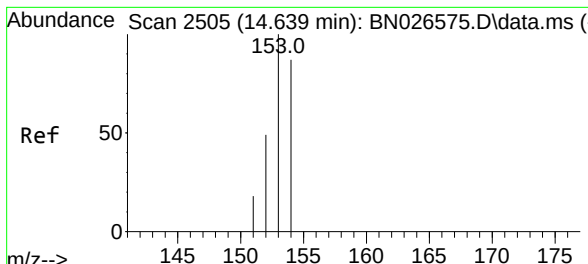
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Acenaphthylene
Concen: 0.212 ng/u1
RT: 14.292 min Scan# 2430
Delta R.T. -0.010 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51

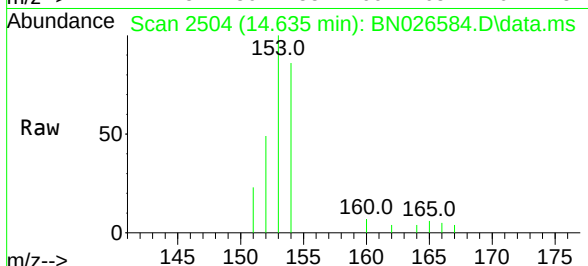
Tgt Ion:152 Resp: 3984
Ion Ratio Lower Upper
152 100
151 25.3 17.0 25.6
153 18.3 11.4 17.2#





#11
Acenaphthene
Concen: 0.254 ng/ul
RT: 14.635 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51

Instrument :
BNA_N
ClientSampleId :
A46T9

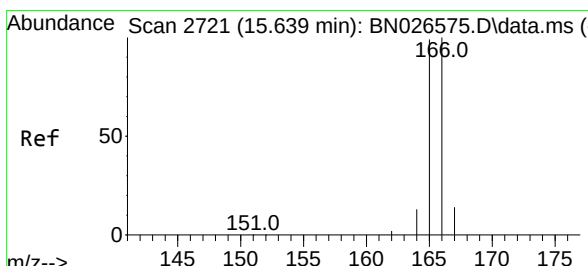
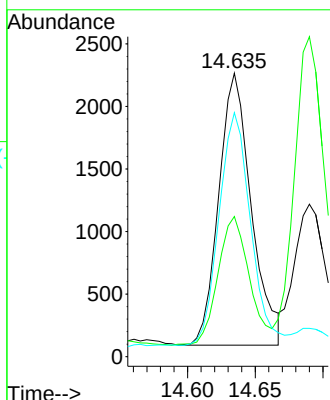
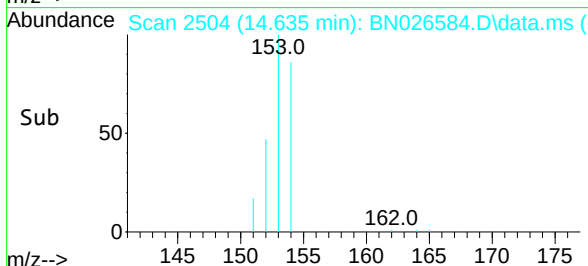


Tgt Ion:153 Resp: 3630

Ion	Ratio	Lower	Upper
153	100		
152	49.4	40.2	60.4
154	86.0	69.3	103.9

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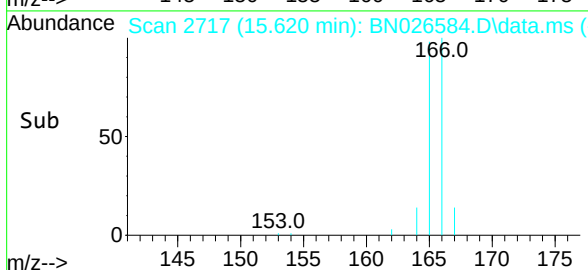
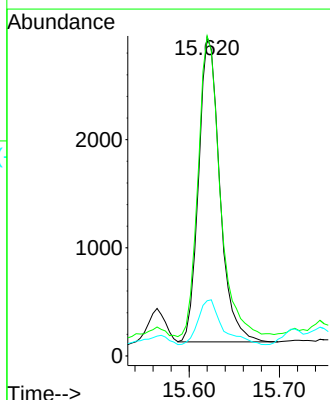
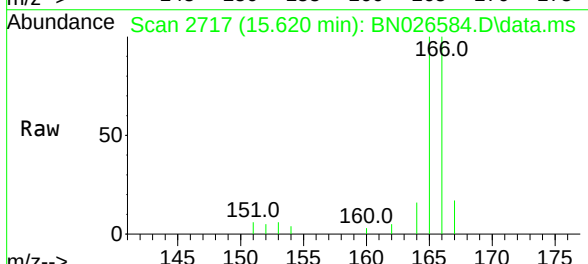
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

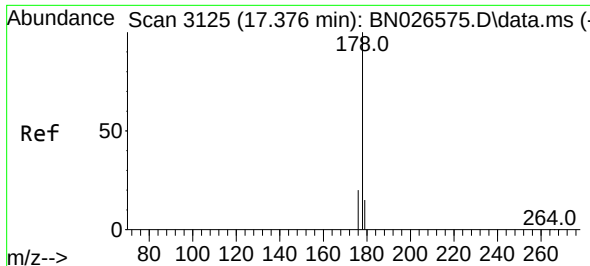


#12
Fluorene
Concen: 0.307 ng/ul
RT: 15.620 min Scan# 2717
Delta R.T. -0.019 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51

Tgt Ion:166 Resp: 4599

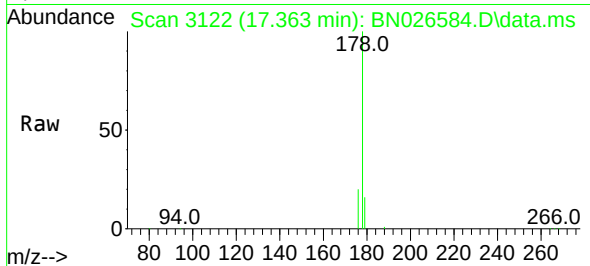
Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.6	120.8
167	17.3	12.0	18.0





#15
Phenanthrene
Concen: 2.195 ng/u1
RT: 17.363 min Scan# 3122
Delta R.T. -0.013 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51

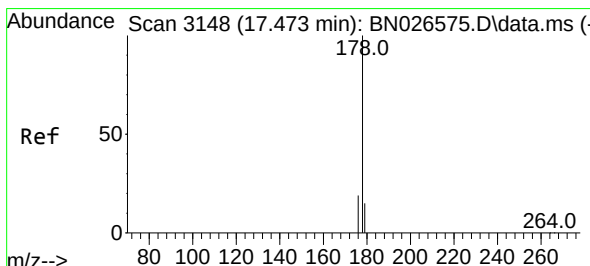
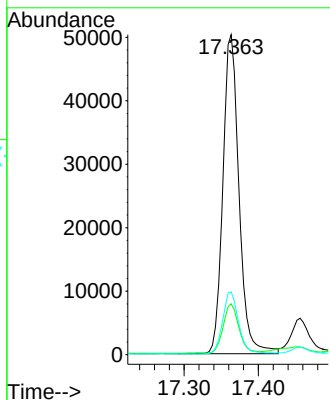
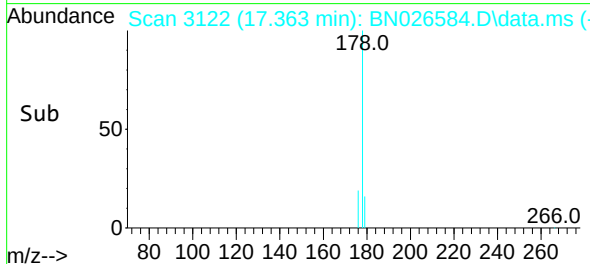
Instrument :
BNA_N
ClientSampleId :
A46T9



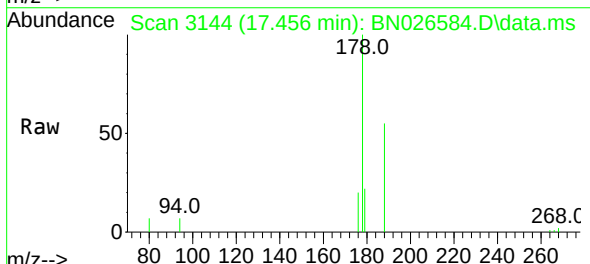
Tgt Ion:178 Resp: 75793
Ion Ratio Lower Upper
178 100
179 15.9 13.7 20.5
176 19.7 16.5 24.7

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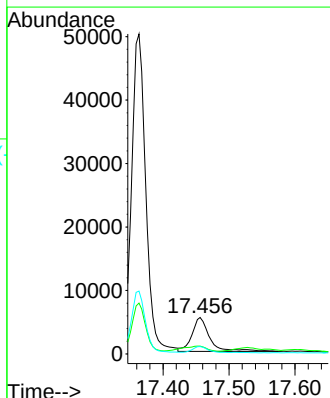
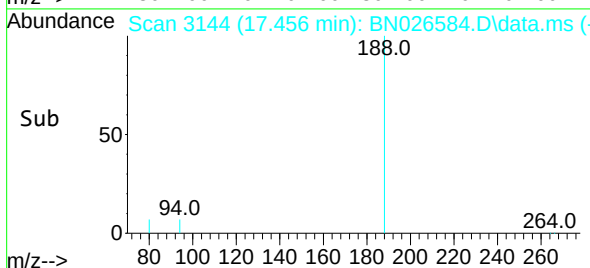
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

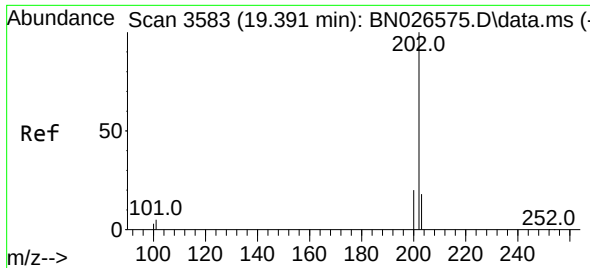


#16
Anthracene
Concen: 0.334 ng/u1
RT: 17.456 min Scan# 3144
Delta R.T. -0.017 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51



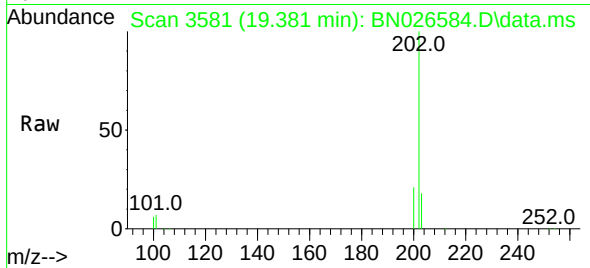
Tgt Ion:178 Resp: 10004
Ion Ratio Lower Upper
178 100
179 21.6 14.8 22.2
176 20.3 16.6 25.0





#19
Fluoranthene
Concen: 2.852 ng/u1
RT: 19.381 min Scan# 3581
Delta R.T. -0.010 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51

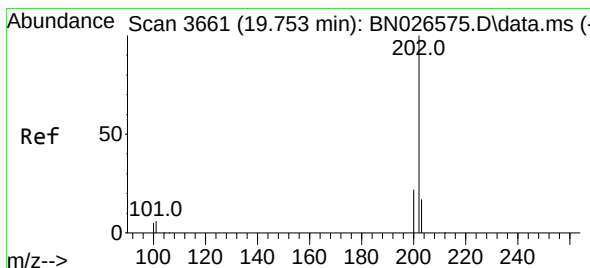
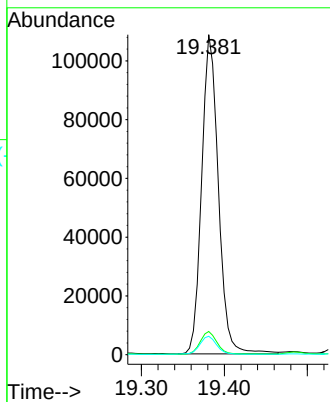
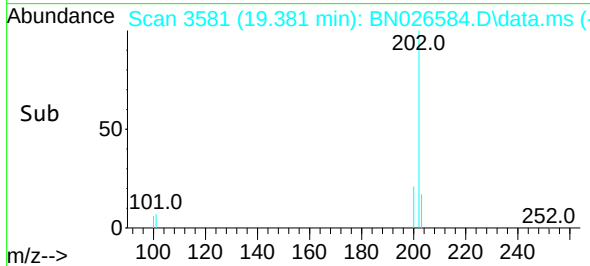
Instrument :
BNA_N
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A46T9



Tgt Ion:202 Resp: 15242
Ion Ratio Lower Upper
202 100
101 7.2 7.0 10.4
100 5.8 6.0 9.0

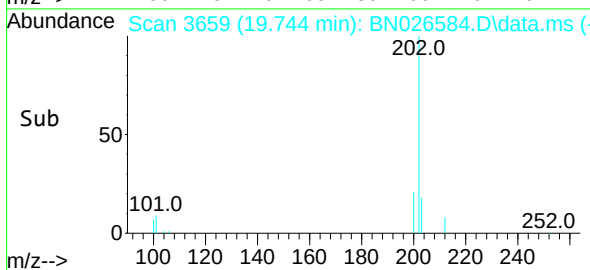
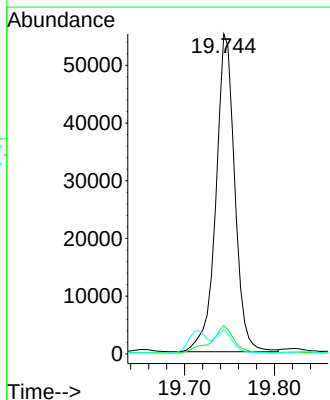
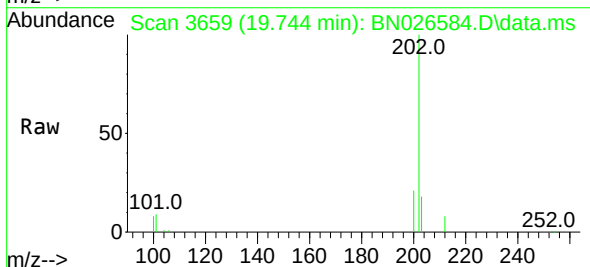
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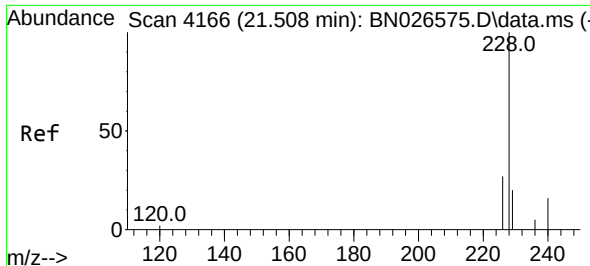
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
Pyrene
Concen: 1.379 ng/u1
RT: 19.744 min Scan# 3659
Delta R.T. -0.010 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51

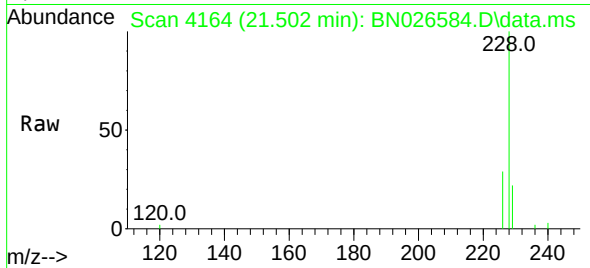
Tgt Ion:202 Resp: 80058
Ion Ratio Lower Upper
202 100
101 8.8 8.0 12.0
100 7.5 6.2 9.2





#21
Benzo(a)anthracene
Concen: 1.506 ng/u1
RT: 21.502 min Scan# 4166
Delta R.T. -0.006 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51

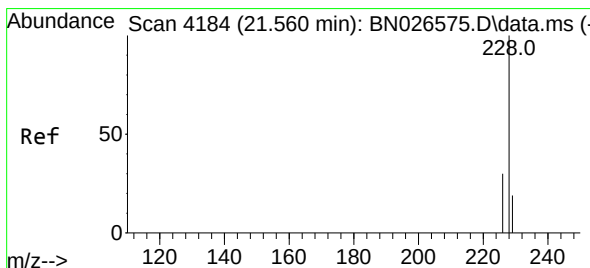
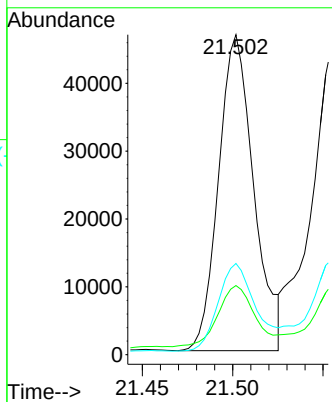
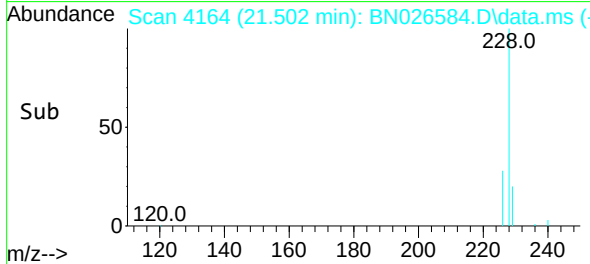
Instrument :
BNA_N
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A46T9



Tgt Ion:228 Resp: 63107
Ion Ratio Lower Upper
228 100
229 21.6 16.7 25.1
226 28.5 23.5 35.3

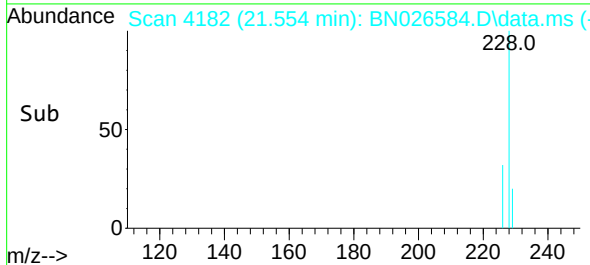
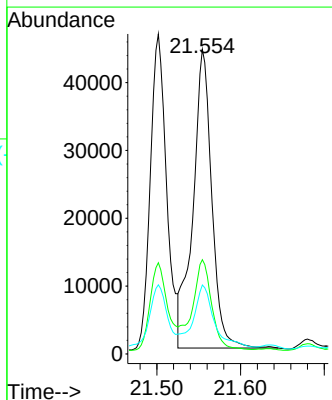
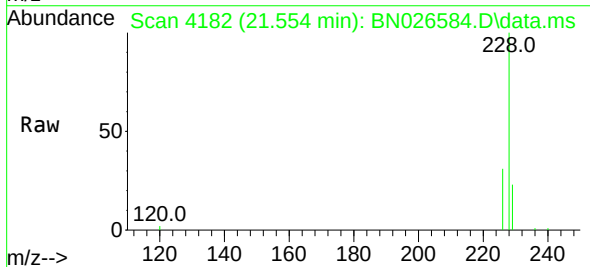
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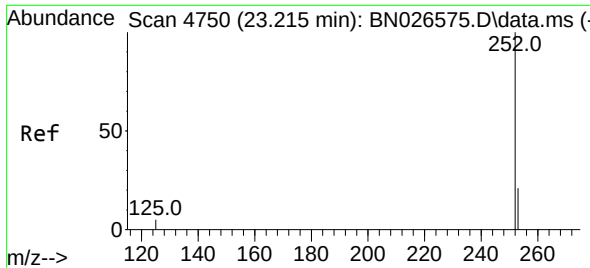
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Chrysene
Concen: 1.442 ng/u1
RT: 21.554 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51

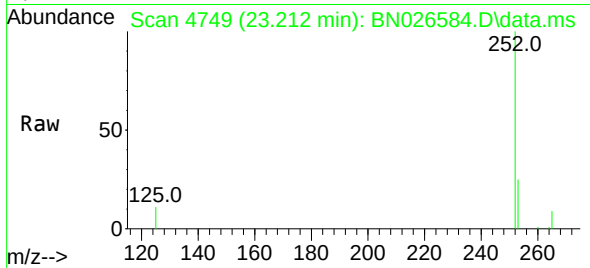
Tgt Ion:228 Resp: 68803
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 22.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.961 ng/ul m
RT: 23.212 min Scan# 4750
Delta R.T. -0.003 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51

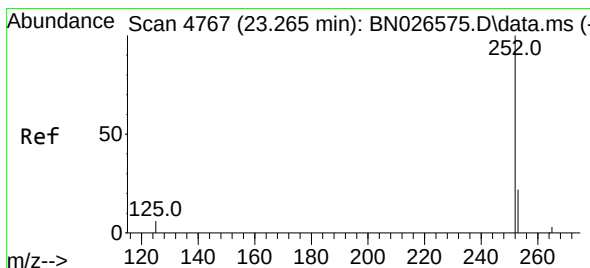
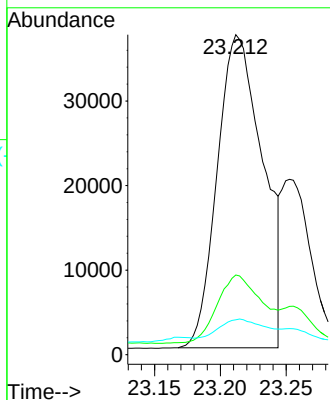
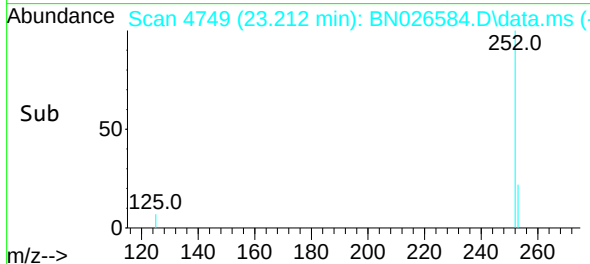
Instrument :
BNA_N
ClientSampleId :
A46T9



Tgt Ion:252 Resp: 88974
Ion Ratio Lower Upper
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253 24.9 0.0 68.6
125 10.9 0.0 34.0

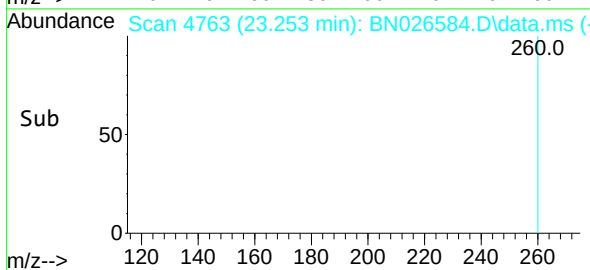
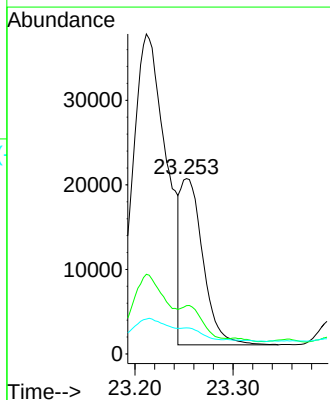
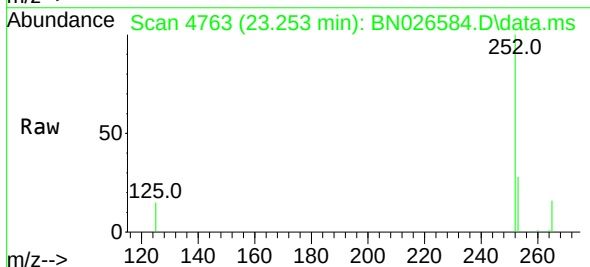
Manual Integrations
APPROVED

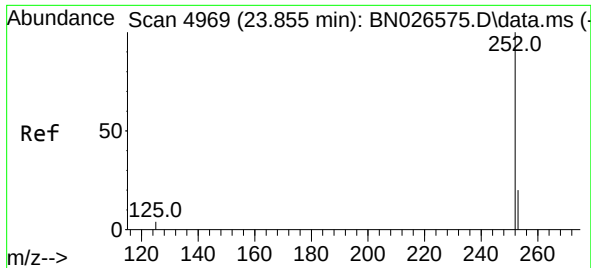
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#25
Benzo(k)fluoranthene
Concen: 0.658 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. -0.012 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51

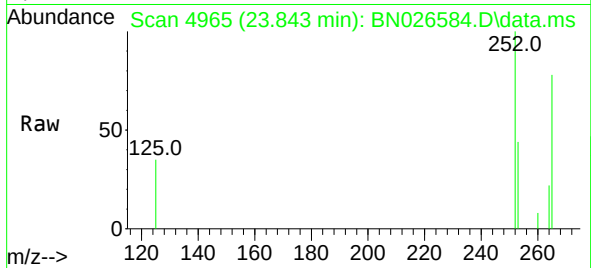
Tgt Ion:252 Resp: 31286
Ion Ratio Lower Upper
252 100
253 27.6 27.2 40.8
125 14.9 13.4 20.2





#26
Benzo(a)pyrene
Concen: 0.216 ng/ul
RT: 23.843 min Scan# 4965
Delta R.T. -0.012 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51

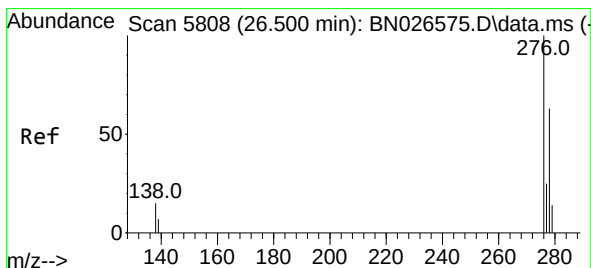
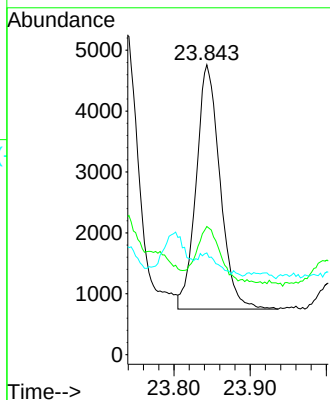
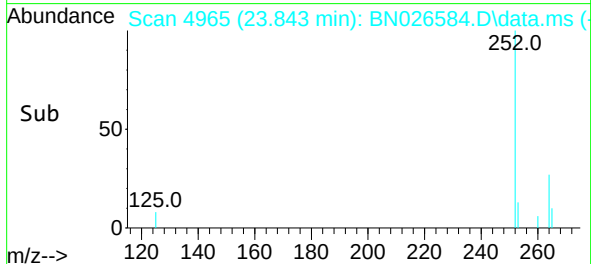
Instrument :
BNA_N
ClientSampleId :
A46T9



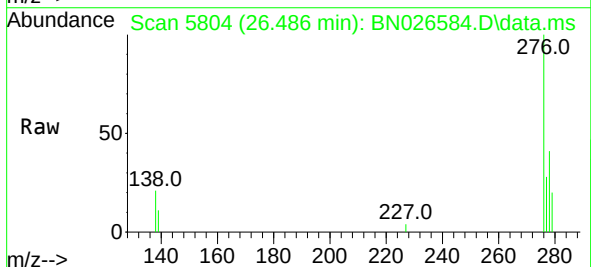
Tgt Ion:252 Resp: 872
Ion Ratio Lower Upper
252 100
253 44.2 32.6 49.0
125 35.1 19.3 28.9

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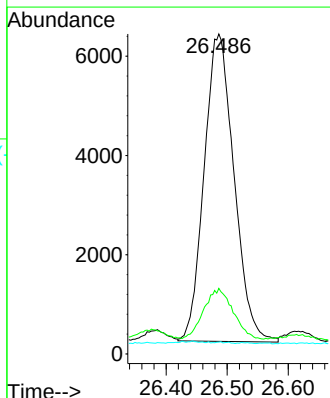
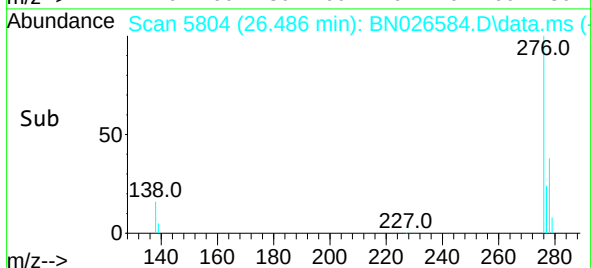
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

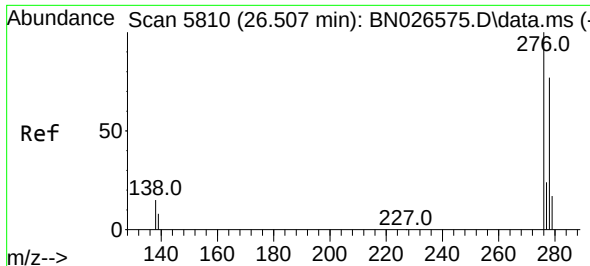


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/ul
RT: 26.486 min Scan# 5804
Delta R.T. -0.014 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51



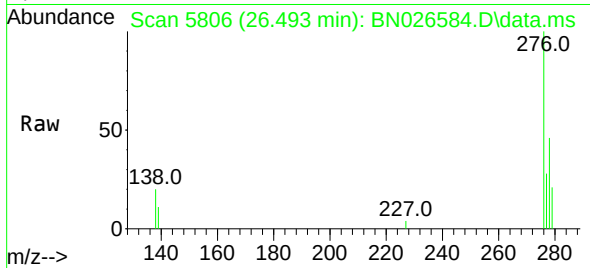
Tgt Ion:276 Resp: 21068
Ion Ratio Lower Upper
276 100
138 16.1 22.2 33.4
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.246 ng/ul
RT: 26.493 min Scan# 5806
Delta R.T. -0.014 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51

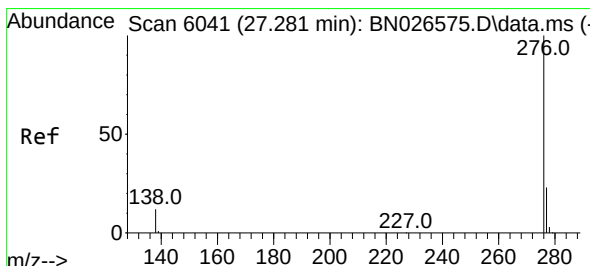
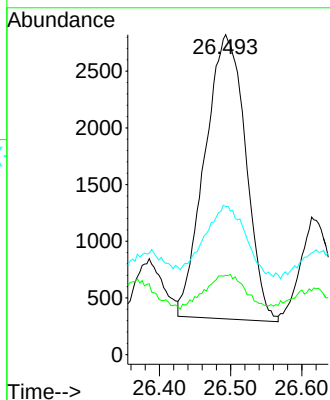
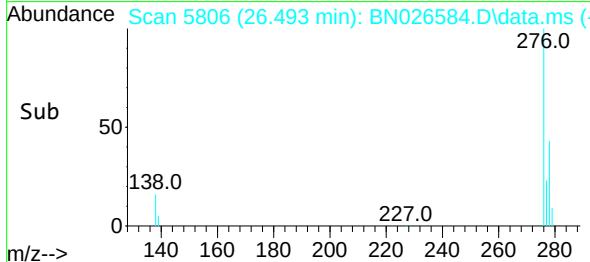
Instrument :
BNA_N
ClientSampleId :
A46T9



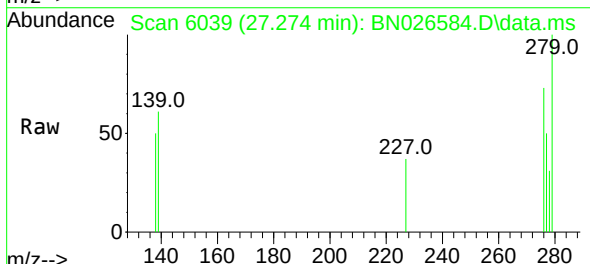
Tgt Ion: 278 Resp: 999
Ion Ratio Lower Upper
278 100
139 24.8 18.9 28.3
279 46.3 31.3 46.9

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



#29
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 27.274 min Scan# 6039
Delta R.T. -0.007 min
Lab File: BN026584.D
Acq: 19 Jul 2023 03:51



Tgt Ion: 276 Resp: 1054
Ion Ratio Lower Upper
276 100
138 68.4 22.6 34.0#
277 69.1 21.8 32.8#

