

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
 Data File : BN026505.D
 Acq On : 14 Jul 2023 18:13
 Operator : MA/JU
 Sample : 03418-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46F0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 01:55:09 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 : Sat Jul 15 01:53:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	3367	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.752	136	10774	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	7080	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	16440	0.400	ng/ul	0.00
17) Chrysene-d12	21.522	240	13725	0.400	ng/ul	0.00
23) Perylene-d12	23.939	264	12378	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	5882	1.326	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.347	152	3594	0.245	ng/ul	0.00
18) Fluoranthene-d10	19.358	212	10543	0.222	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.802	128	14872	0.503	ng/ul	99
7) 2-Methylnaphthalene	12.419	142	2168	0.129	ng/ul	97
8) 1-Methylnaphthalene	12.639	142	1719	0.096	ng/ul	96
10) Acenaphthylene	14.306	152	2190	0.063	ng/ul#	72
11) Acenaphthene	14.648	153	5092	0.193	ng/ul	98
12) Fluorene	15.634	166	5987	0.216	ng/ul	98
15) Phenanthrene	17.372	178	84978	1.623	ng/ul	97
16) Anthracene	17.465	178	8835	0.194	ng/ul	96
19) Fluoranthene	19.386	202	137107	2.131	ng/ul	97
20) Pyrene	19.748	202	122310	1.751	ng/ul	99
21) Benzo(a)anthracene	21.505	228	46689	0.926	ng/ul	97
22) Chrysene	21.557	228	54419	0.948	ng/ul	97
24) Benzo(b)fluoranthene	23.203	252	53349m	1.106	ng/ul	
25) Benzo(k)fluoranthene	23.247	252	19221m	0.380	ng/ul	
26) Benzo(a)pyrene	23.831	252	22341	0.520	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.459	276	19644	0.349	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.463	278	4620	0.107	ng/ul#	69
29) Benzo(g,h,i)perylene	27.234	276	19265	0.388	ng/ul#	92

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

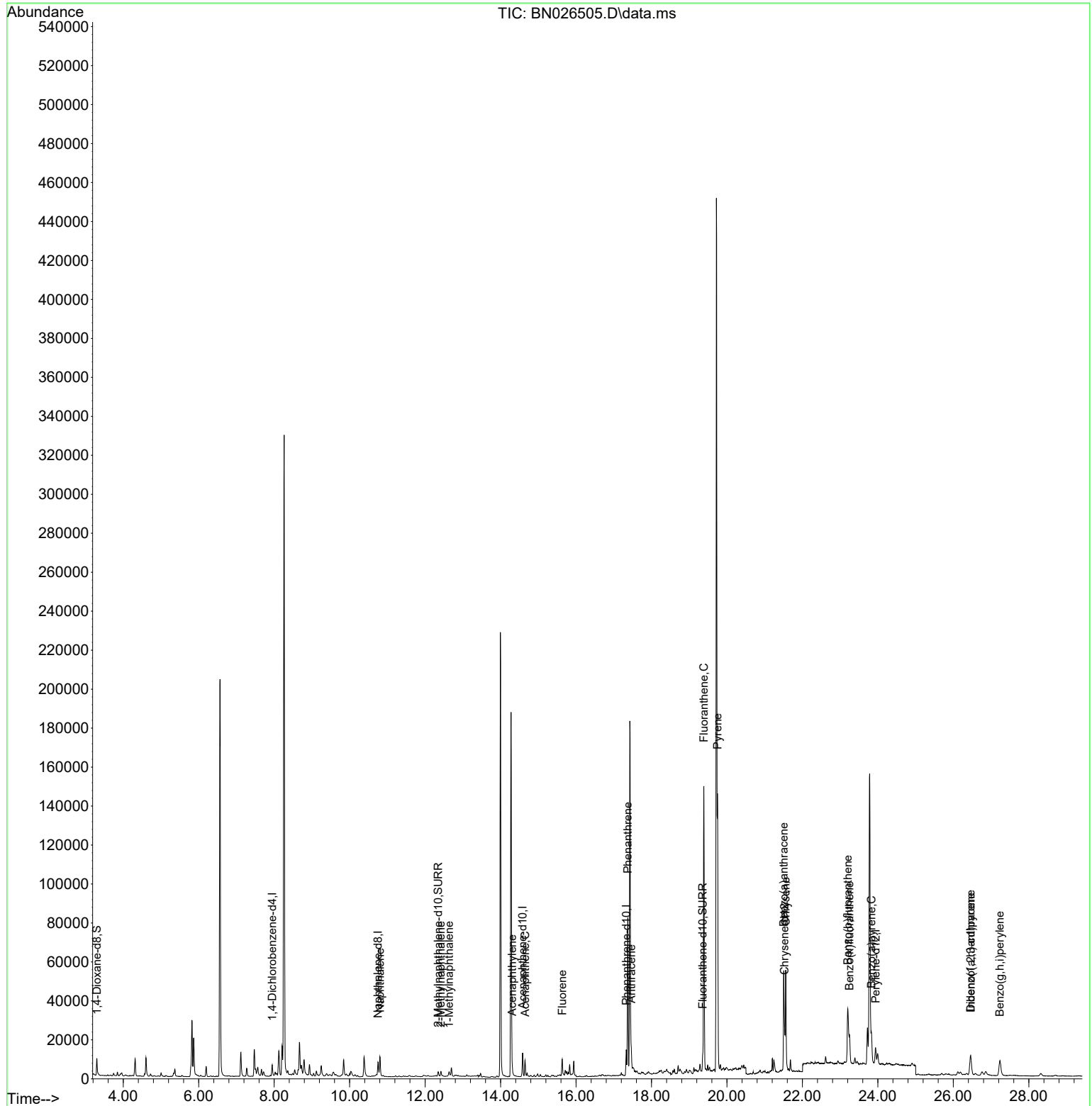
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
Data File : BN026505.D
Acq On : 14 Jul 2023 18:13
Operator : MA/JU
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ALS Vial : 5 Sample Multiplier: 1

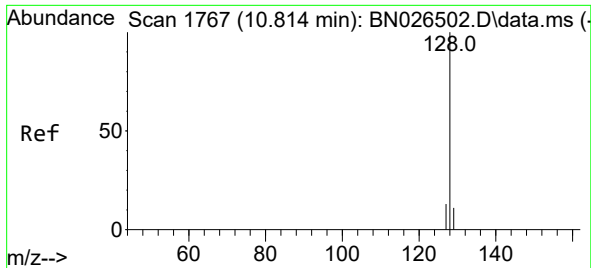
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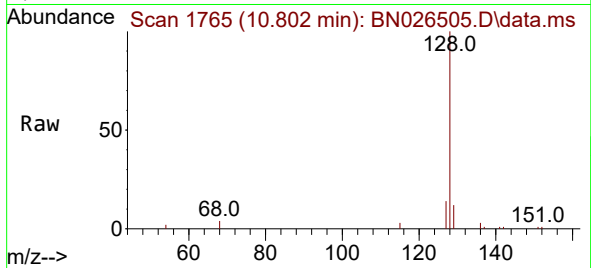
Quant Time: Jul 15 01:55:09 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.503 ng/ul
RT: 10.802 min Scan# 1765
Delta R.T. -0.012 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13

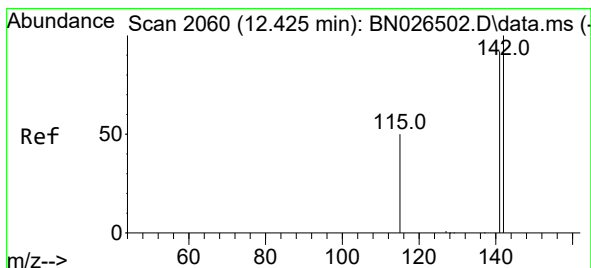
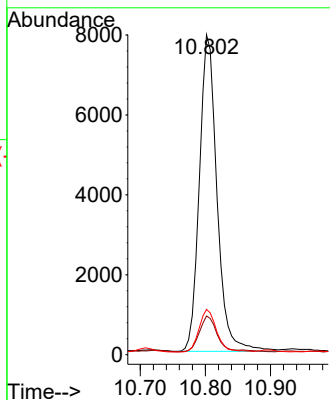
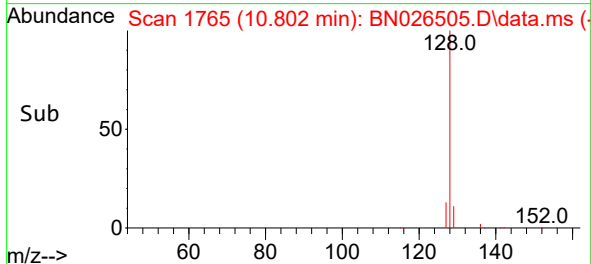
Instrument :
BNA_N
ClientSampleId :
A46F0



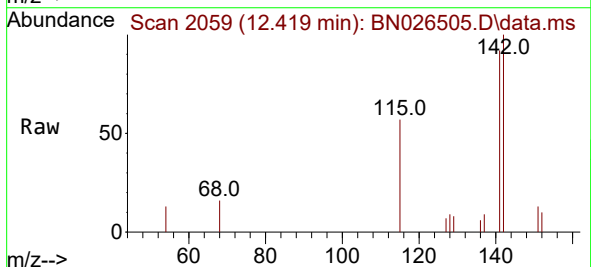
Tgt Ion:128 Resp: 1487
Ion Ratio Lower Upper
128 100
129 12.1 10.2 15.2
127 14.1 11.4 17.0

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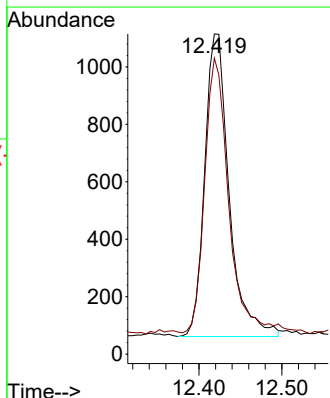
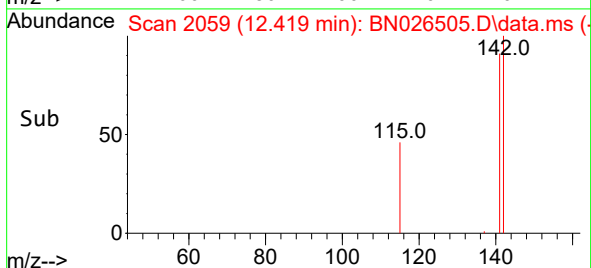
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

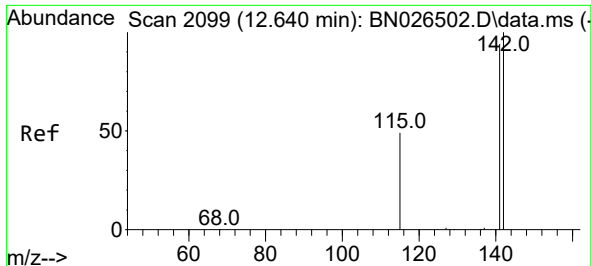


#7
2-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 12.419 min Scan# 2059
Delta R.T. -0.007 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13



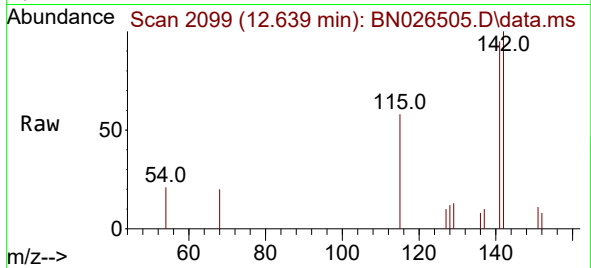
Tgt Ion:142 Resp: 2168
Ion Ratio Lower Upper
142 100
141 87.7 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.639 min Scan# 2099
Delta R.T. -0.001 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13

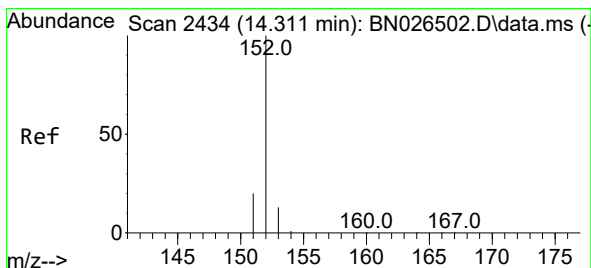
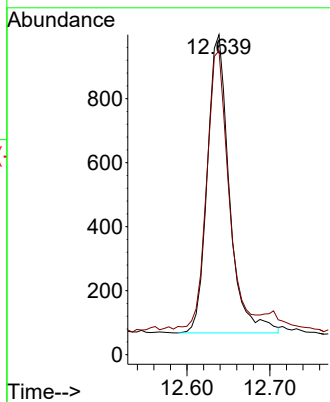
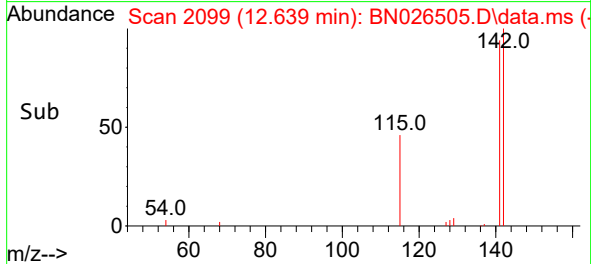
Instrument :
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Tgt Ion:142 Resp: 1719
Ion Ratio Lower Upper
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141 97.3 74.5 111.7

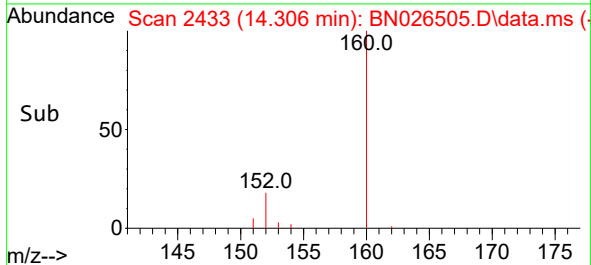
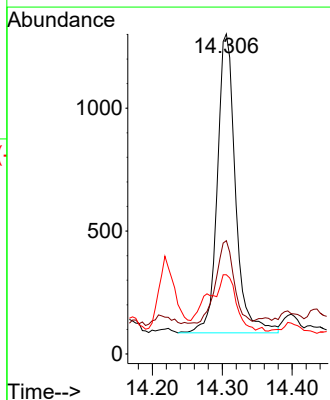
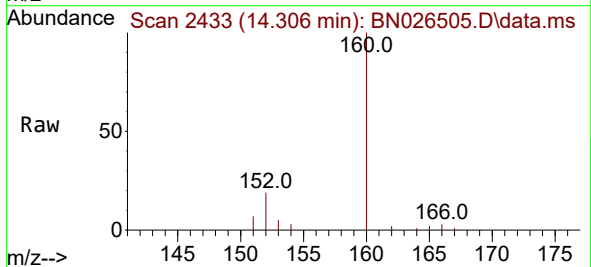
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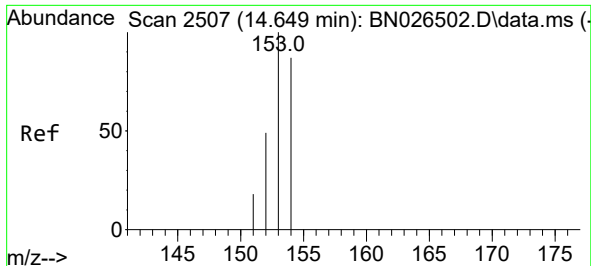
Reviewed By :Jagrut Upadhyay 07/15/2023
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#10
Acenaphthylene
Concen: 0.063 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13

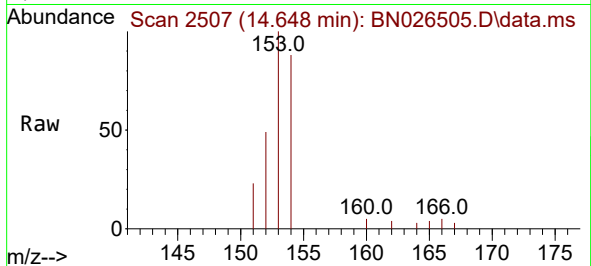
Tgt Ion:152 Resp: 2190
Ion Ratio Lower Upper
152 100
151 35.4 17.0 25.6#
153 24.7 11.4 17.2#





#11
Acenaphthene
Concen: 0.193 ng/ul
RT: 14.648 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13

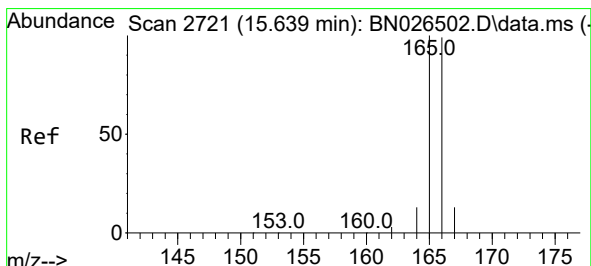
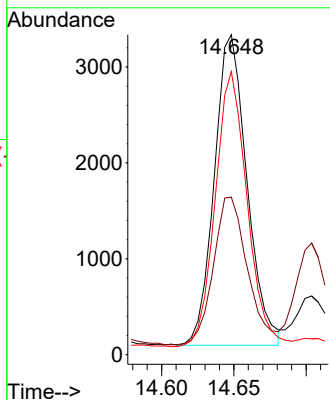
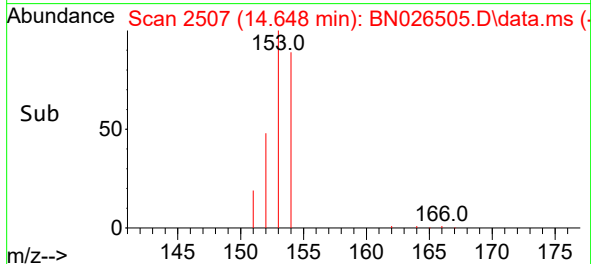
Instrument :
BNA_N
ClientSampleId :
A46F0



Tgt Ion:153 Resp: 5092
Ion Ratio Lower Upper
153 100
152 49.2 40.2 60.4
154 88.5 69.3 103.9

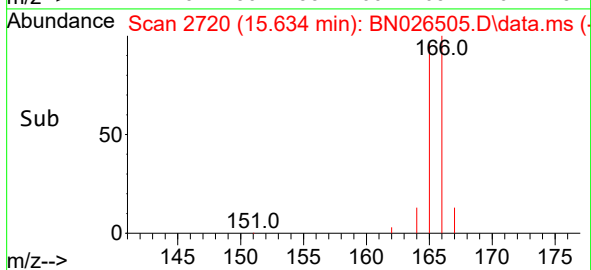
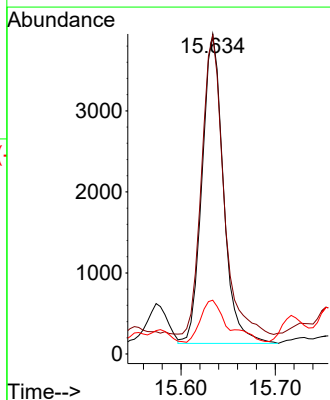
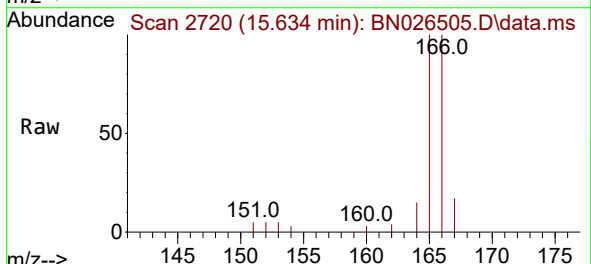
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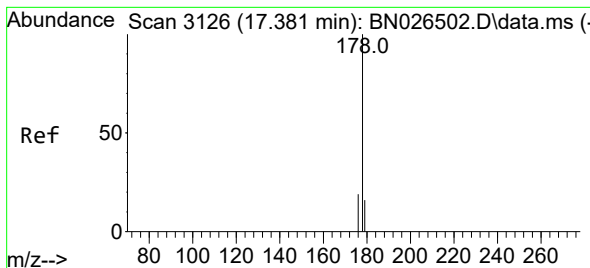
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#12
Fluorene
Concen: 0.216 ng/ul
RT: 15.634 min Scan# 2720
Delta R.T. -0.005 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13

Tgt Ion:166 Resp: 5987
Ion Ratio Lower Upper
166 100
165 99.6 80.6 120.8
167 16.8 12.0 18.0





#15

Phenanthrene

Concen: 1.623 ng/ul

RT: 17.372 min Scan# 3126

Delta R.T. -0.009 min

Lab File: BN026505.D

Acq: 14 Jul 2023 18:13

Instrument :

BNA_N

ClientSampleId :

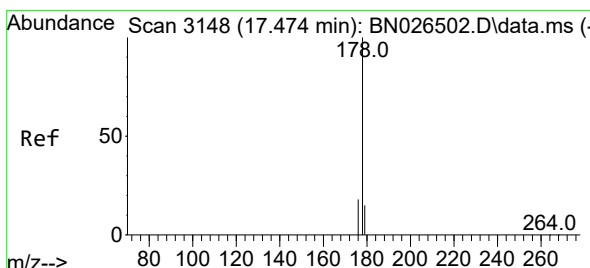
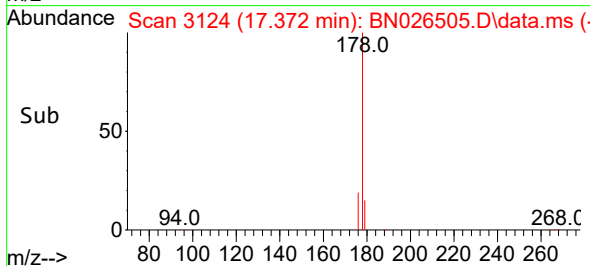
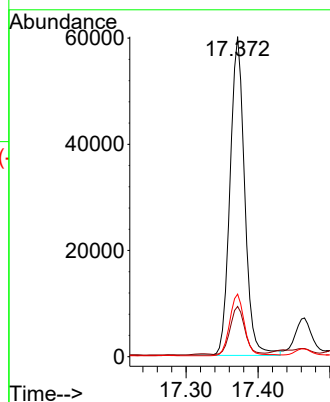
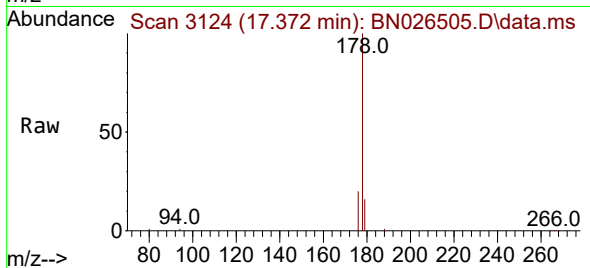
A46F0

Tgt Ion:178	Resp:	84978
Ion Ratio	Lower	Upper
178	100	
179	15.7	13.7 20.5
176	19.6	16.5 24.7

Manual Integrations

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Supervised By :mohammad ahmed 07/17/2023



#16

Anthracene

Concen: 0.194 ng/ul

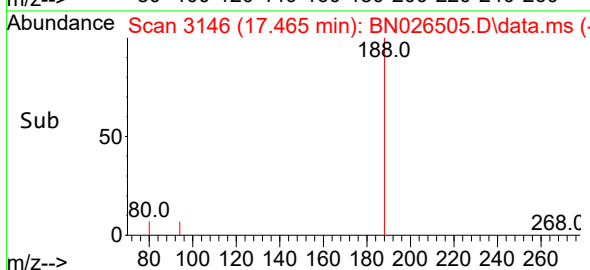
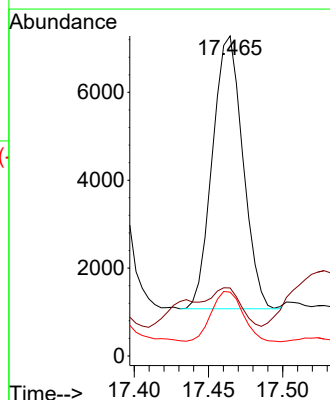
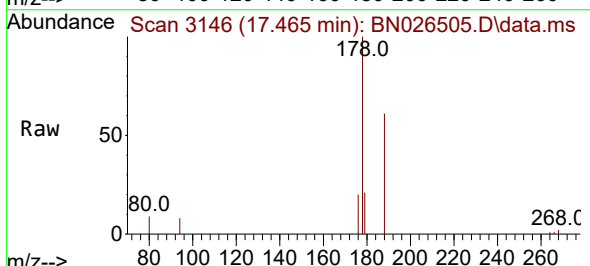
RT: 17.465 min Scan# 3146

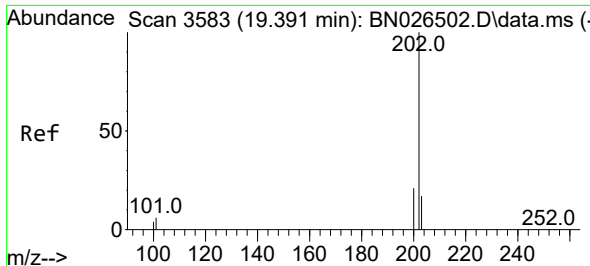
Delta R.T. -0.009 min

Lab File: BN026505.D

Acq: 14 Jul 2023 18:13

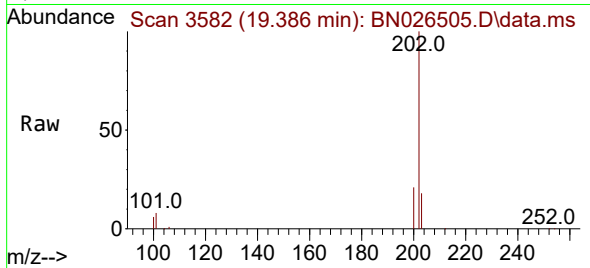
Tgt Ion:178	Resp:	8835
Ion Ratio	Lower	Upper
178	100	
179	21.2	14.8 22.2
176	20.0	16.6 25.0





#19
Fluoranthene
Concen: 2.131 ng/ul
RT: 19.386 min Scan# 3583
Delta R.T. -0.006 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13

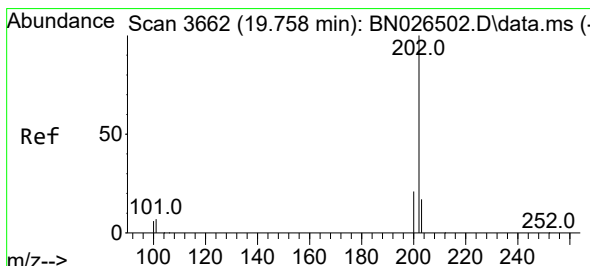
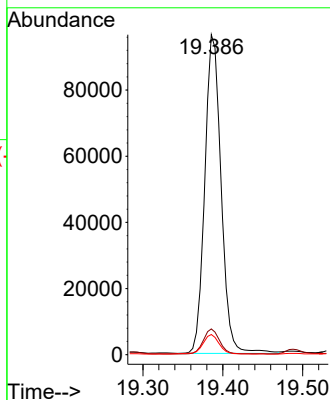
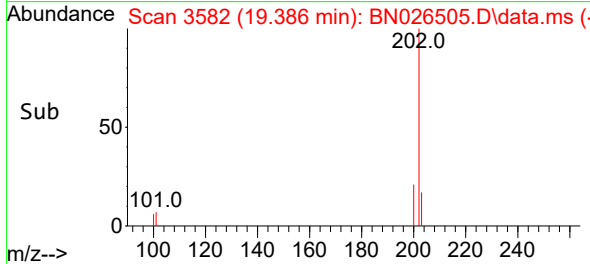
Instrument :
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A46F0



Tgt Ion:202 Resp: 13710
Ion Ratio Lower Upper
202 100
101 8.0 7.0 10.4
100 6.3 6.0 9.0

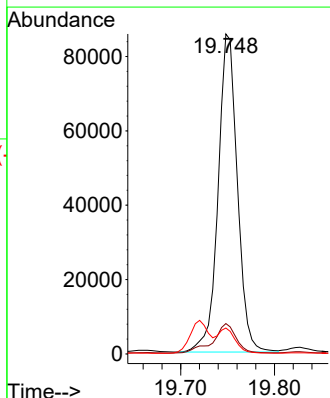
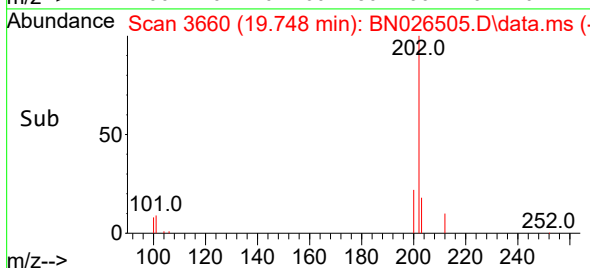
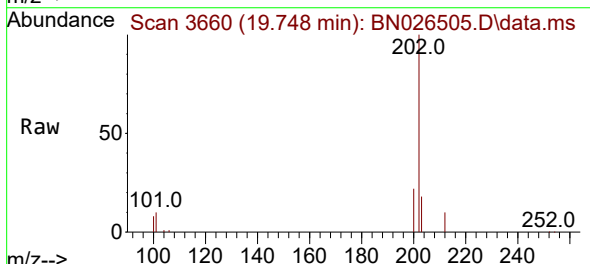
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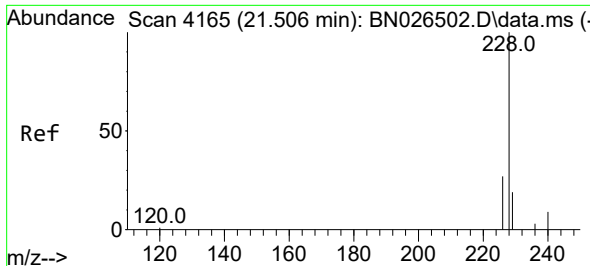
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#20
Pyrene
Concen: 1.751 ng/ul
RT: 19.748 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13

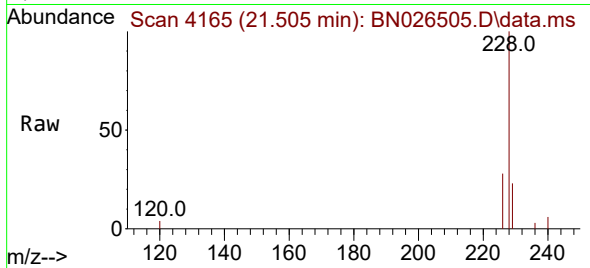
Tgt Ion:202 Resp: 122310
Ion Ratio Lower Upper
202 100
101 9.5 8.0 12.0
100 8.1 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.926 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. -0.001 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13

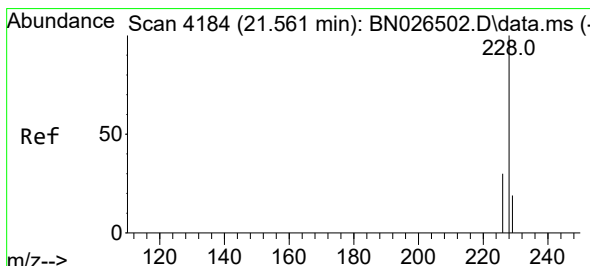
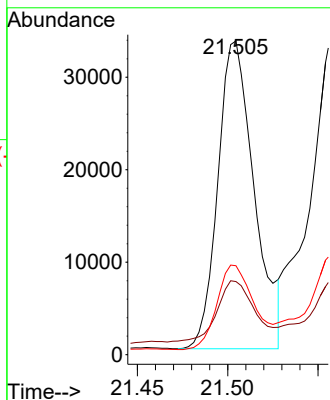
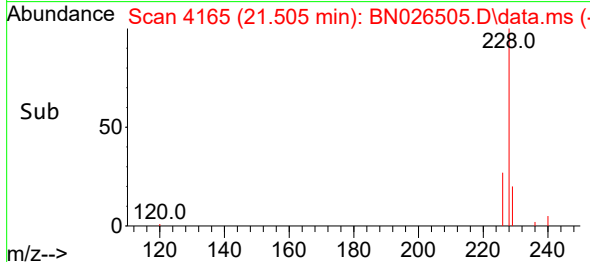
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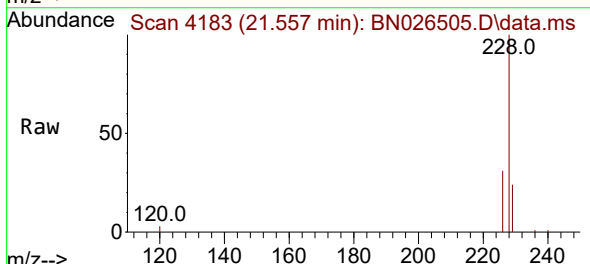
Tgt Ion:228 Resp: 46689
Ion Ratio Lower Upper
228 100
229 23.3 16.7 25.1
226 28.4 23.5 35.3

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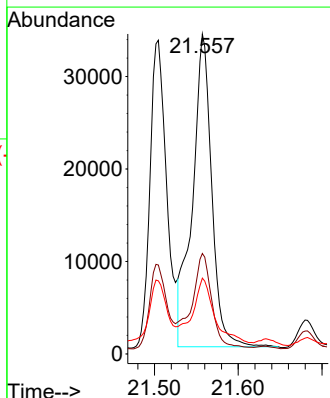
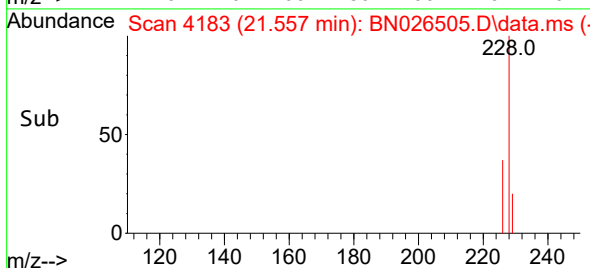
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

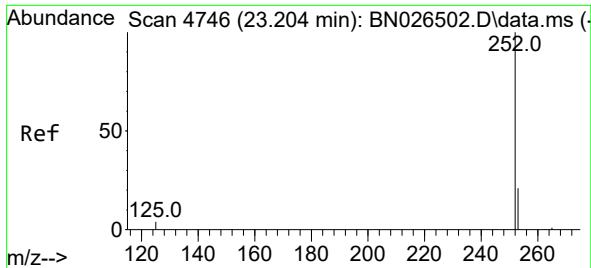


#22
Chrysene
Concen: 0.948 ng/ul
RT: 21.557 min Scan# 4183
Delta R.T. -0.004 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13



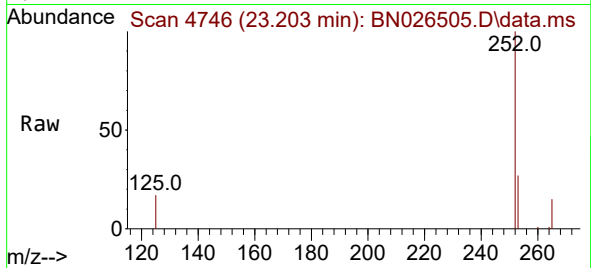
Tgt Ion:228 Resp: 54419
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 23.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.106 ng/ul m
RT: 23.203 min Scan# 4746
Delta R.T. -0.001 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13

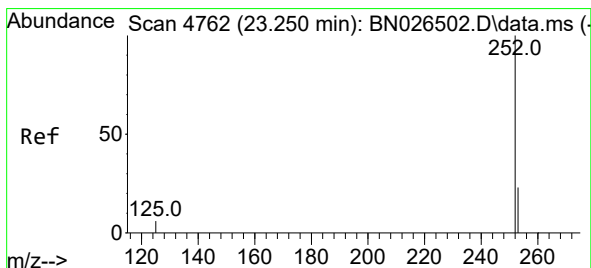
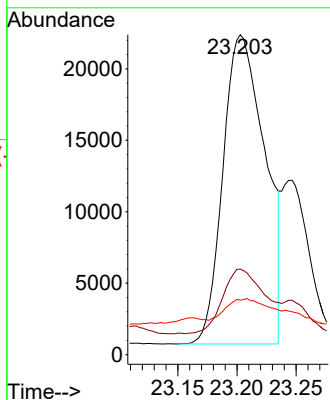
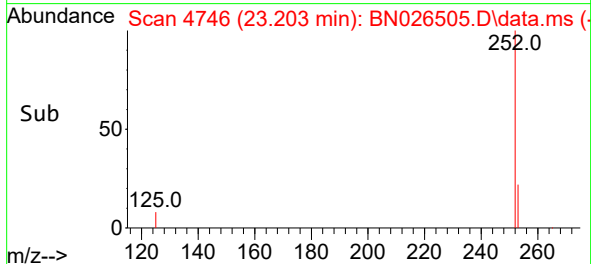
Instrument :
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ClientSampleId :
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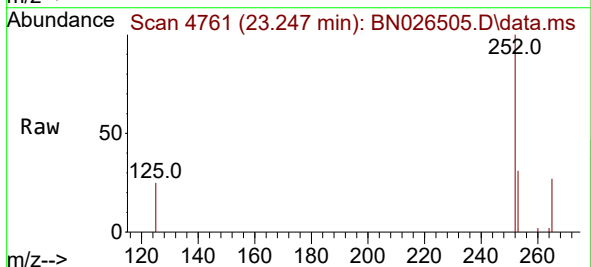
Tgt Ion:252 Resp: 53349
Ion Ratio Lower Upper
252 100
253 26.8 0.0 68.6
125 17.1 0.0 34.0

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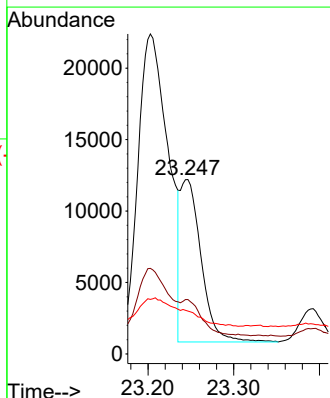
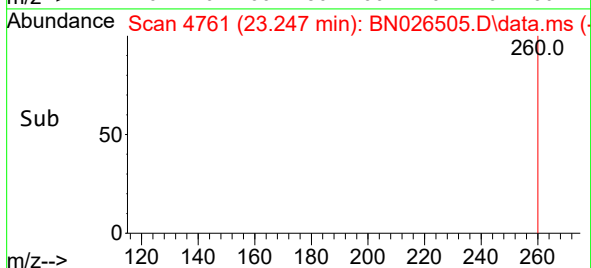
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

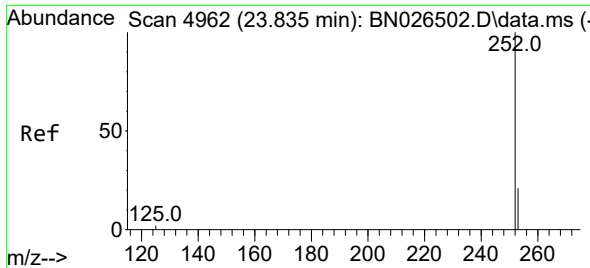


#25
Benzo(k)fluoranthene
Concen: 0.380 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. -0.004 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13



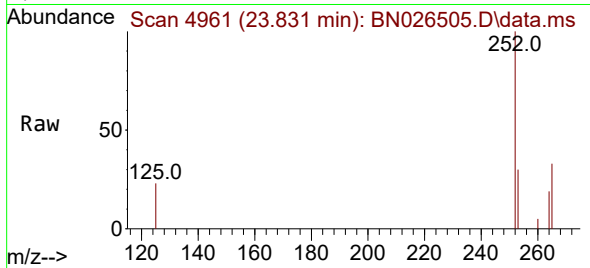
Tgt Ion:252 Resp: 19221
Ion Ratio Lower Upper
252 100
253 31.1 27.2 40.8
125 24.6 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.520 ng/ul
RT: 23.831 min Scan# 4962
Delta R.T. -0.004 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13

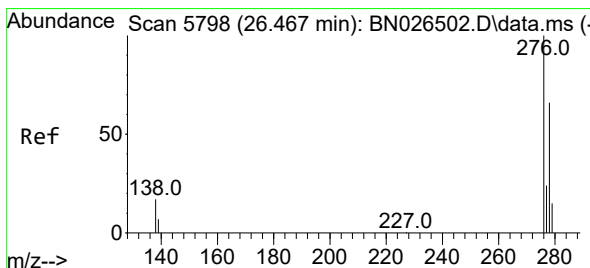
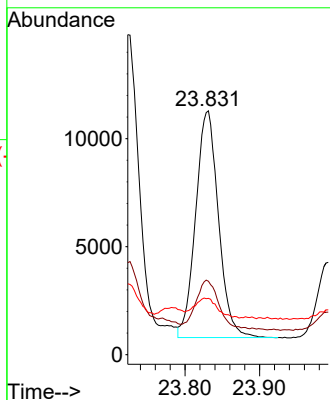
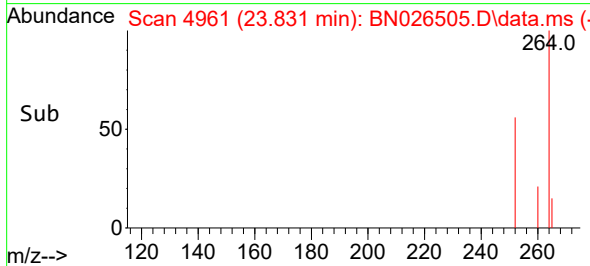
Instrument :
BNA_N
ClientSampleId :
A46F0



Tgt Ion:252 Resp: 2234
Ion Ratio Lower Upper
252 100
253 30.1 32.6 49.0#
125 23.1 19.3 28.9

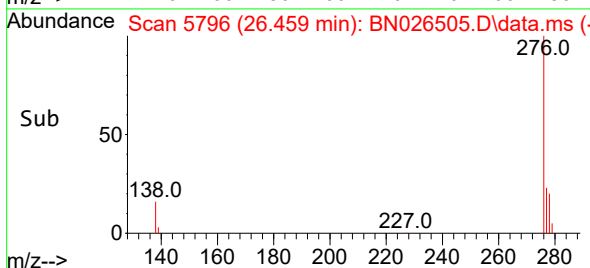
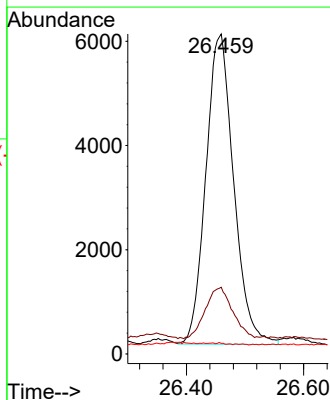
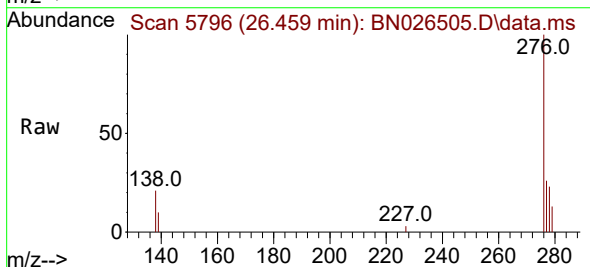
Manual Integrations
APPROVED

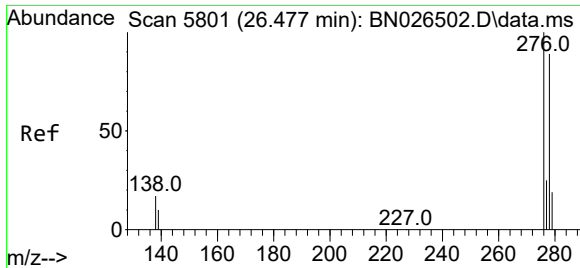
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 26.459 min Scan# 5796
Delta R.T. -0.008 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13

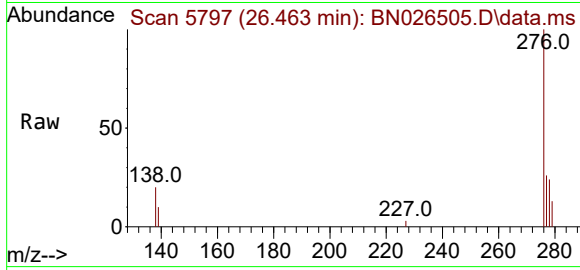
Tgt Ion:276 Resp: 19644
Ion Ratio Lower Upper
276 100
138 16.3 22.2 33.4#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.107 ng/ul
RT: 26.463 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13

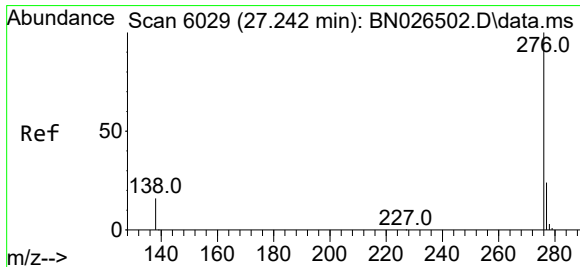
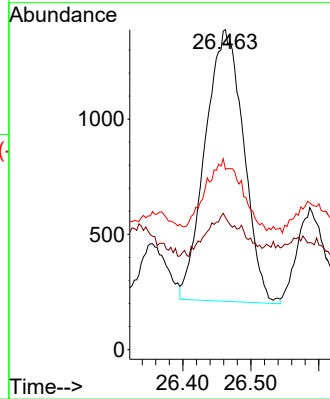
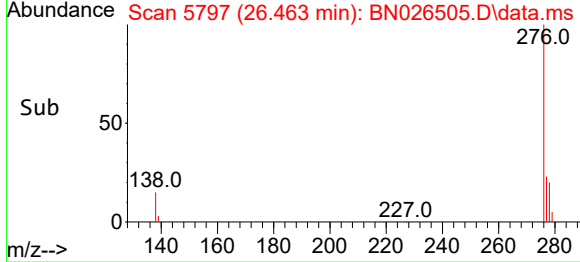
Instrument :
BNA_N
ClientSampleId :
A46F0



Tgt Ion:278 Resp: 4620
Ion Ratio Lower Upper
278 100
139 41.4 18.9 28.3
279 56.3 31.3 46.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#29
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 27.234 min Scan# 6027
Delta R.T. -0.008 min
Lab File: BN026505.D
Acq: 14 Jul 2023 18:13

Tgt Ion:276 Resp: 19265
Ion Ratio Lower Upper
276 100
138 20.5 22.6 34.0
277 26.2 21.8 32.8

