

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030264.D
 Acq On : 04 Mar 2024 19:58
 Operator : MA/JU
 Sample : P1512-08DL 5X
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0SB7DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/05/2024
 Supervised By :mohammad ahmed 03/05/2024

Supervised By :mohammad
 ahmed
 03/05/2024

Quant Time: Mar 04 22:48:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 05:54:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	1200	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	3046	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.475	164	1501	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.231	188	2948	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	2440	0.400	ng/ul #	0.00
23) Perylene-d12	23.792	264	3075	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	2259	1.360	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	297	0.075	ng/ul	0.00
18) Fluoranthene-d10	19.268	212	599	0.075	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.672	128	551	0.061	ng/ul#	77
7) 2-Methylnaphthalene	12.300	142	129	0.026	ng/ul	97
8) 1-Methylnaphthalene	12.514	142	107	0.021	ng/ul	86
10) Acenaphthylene	14.197	152	177	0.021	ng/ul#	28
11) Acenaphthene	14.535	153	281	0.046	ng/ul	92
12) Fluorene	15.530	166	349	0.056	ng/ul#	94
15) Phenanthrene	17.273	178	7784	0.788	ng/ul	98
16) Anthracene	17.362	178	955	0.110	ng/ul#	89
19) Fluoranthene	19.296	202	17337	1.600	ng/ul#	95
20) Pyrene	19.658	202	15994	1.357	ng/ul	94
21) Benzo(a)anthracene	21.427	228	5736	0.665	ng/ul	97
22) Chrysene	21.480	228	6331	0.611	ng/ul	99
24) Benzo(b)fluoranthene	23.081	252	9691m	0.817	ng/ul	
25) Benzo(k)fluoranthene	23.128	252	3534m	0.253	ng/ul	
26) Benzo(a)pyrene	23.690	252	6199	0.514	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.226	276	5157	0.335	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.243	278	1011	0.085	ng/ul#	58
29) Benzo(g,h,i)perylene	26.961	276	5927	0.414	ng/ul	96

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

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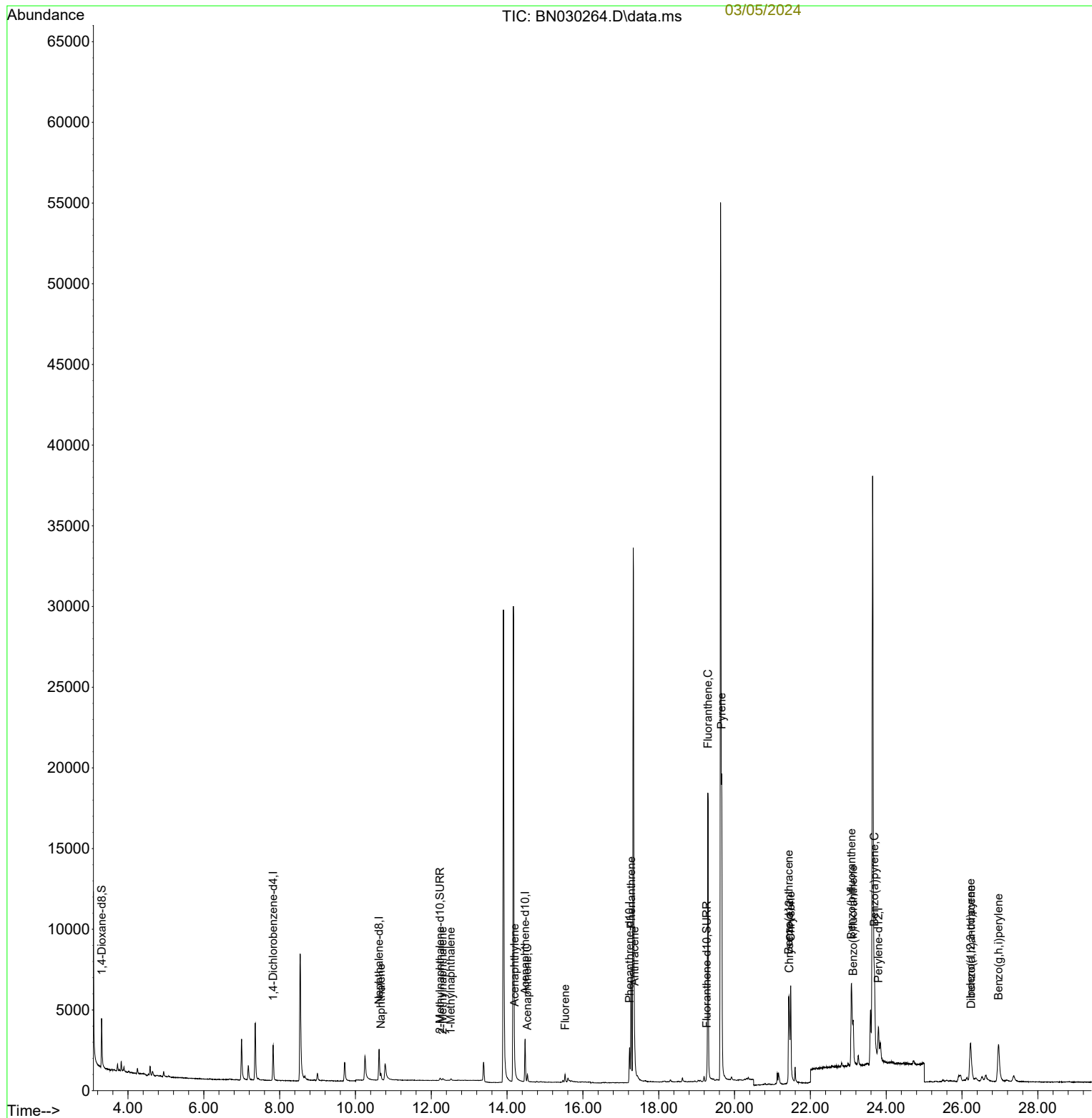
Instrument :
BNA_N
ClientSampleId :
E0SB7DL

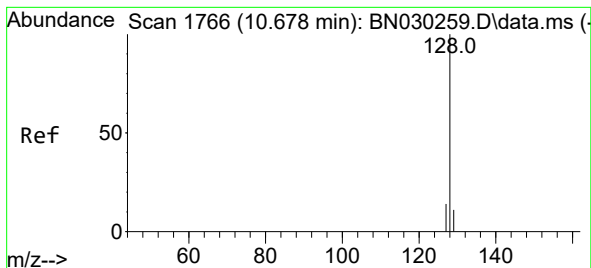
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ahmed
03/05/2024





#5

Naphthalene

Concen: 0.061 ng/ul

RT: 10.672 min Scan# 1765

Delta R.T. -0.006 min

Lab File: BN030264.D

Acq: 04 Mar 2024 19:58

Instrument :

BNA_N

ClientSampleId :

E0SB7DL

Tgt Ion:	128	Resp:	55
Ion	Ratio	Lower	Upper
128	100		
129	24.6	11.0	16.4
127	23.7	12.3	18.5

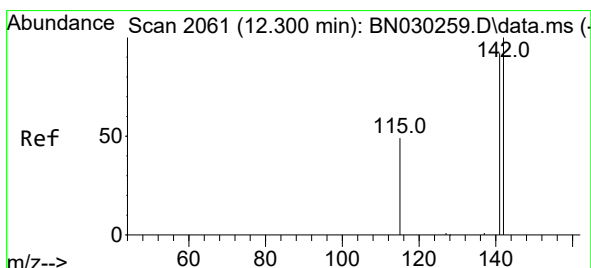
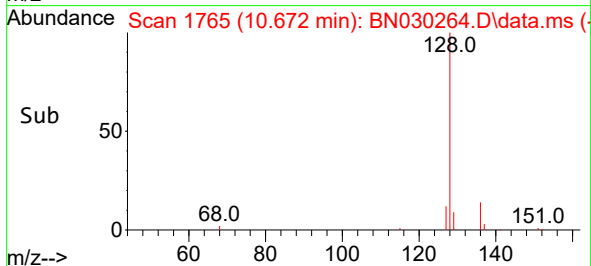
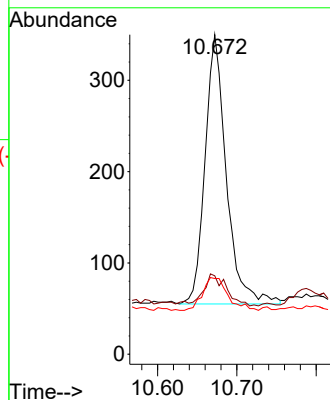
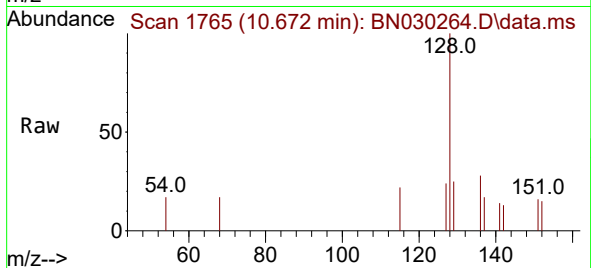
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#7

2-Methylnaphthalene

Concen: 0.026 ng/ul

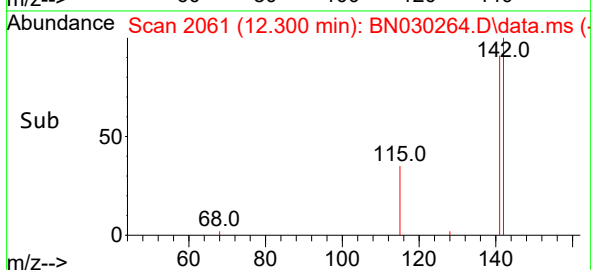
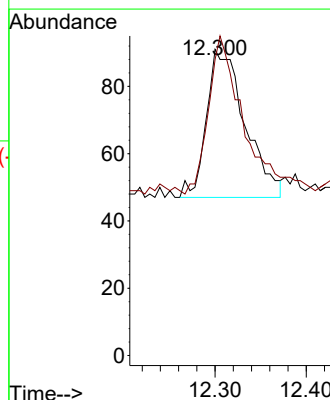
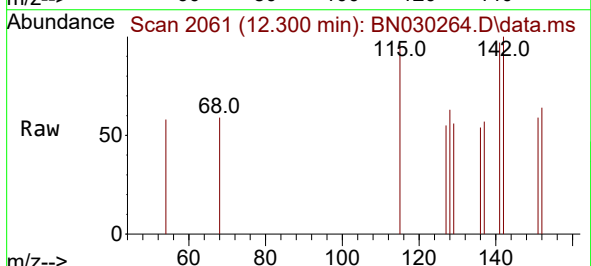
RT: 12.300 min Scan# 2061

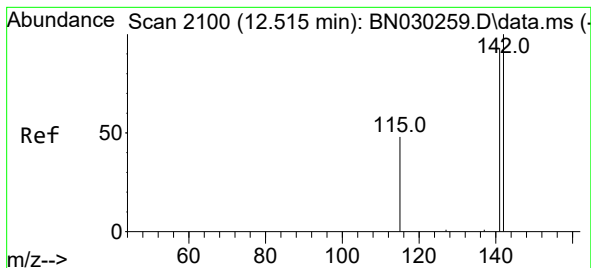
Delta R.T. -0.006 min

Lab File: BN030264.D

Acq: 04 Mar 2024 19:58

Tgt Ion:	142	Resp:	129
Ion	Ratio	Lower	Upper
142	100		
141	93.8	72.8	109.2





#8

1-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.514 min Scan# 2100

Delta R.T. -0.006 min

Lab File: BN030264.D

Acq: 04 Mar 2024 19:58

Instrument :

BNA_N

ClientSampleId :

E0SB7DL

Tgt Ion:142 Resp: 107

Ion Ratio Lower Upper

142 100

141 79.4 74.2 111.2

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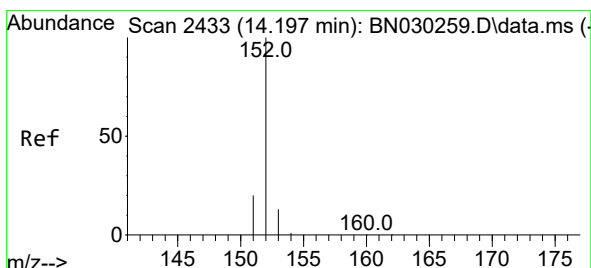
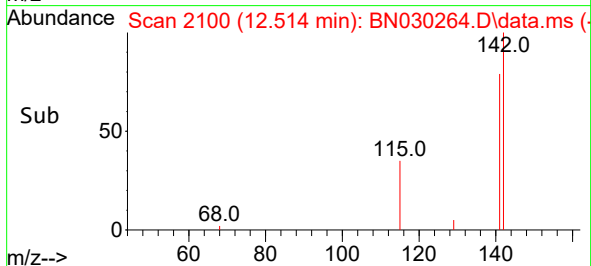
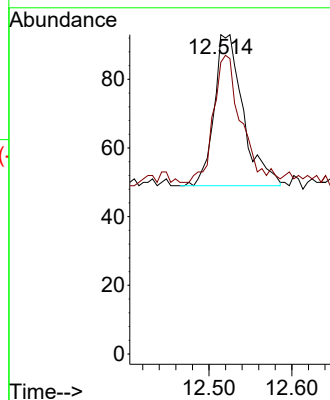
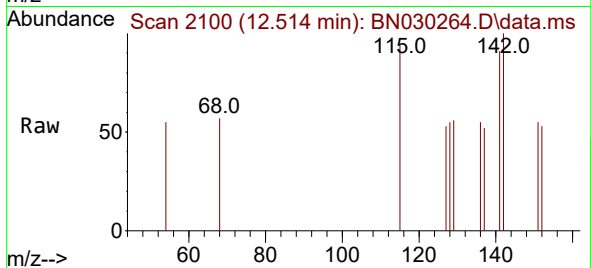
Reviewed By :Yogesh Patel 03/05/2024

Supervised By :mohammad ahmed 03/05/2024

Supervised By :mohammad

ahmed

03/05/2024



#10

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.197 min Scan# 2433

Delta R.T. -0.004 min

Lab File: BN030264.D

Acq: 04 Mar 2024 19:58

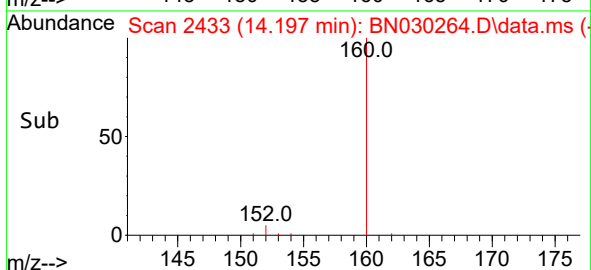
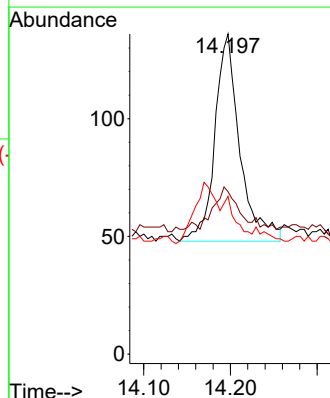
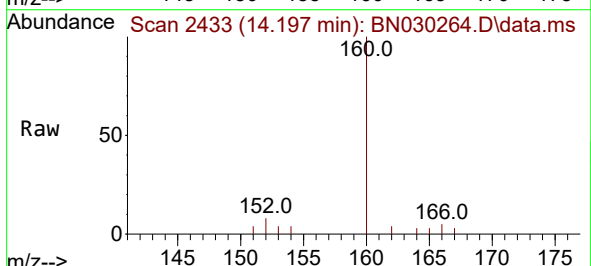
Tgt Ion:152 Resp: 177

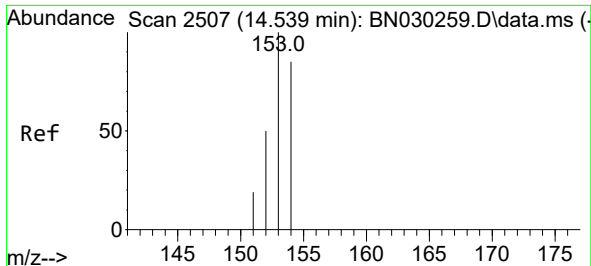
Ion Ratio Lower Upper

152 100

151 50.7 16.9 25.3#

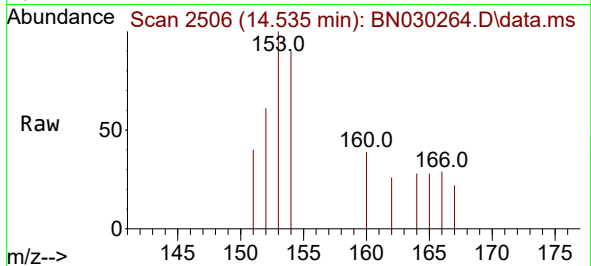
153 49.3 11.8 17.6#





#11
Acenaphthene
Concen: 0.046 ng/ul
RT: 14.535 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN030264.D
Acq: 04 Mar 2024 19:58

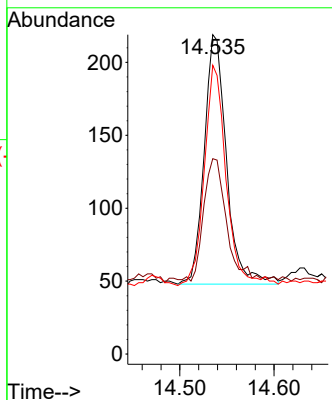
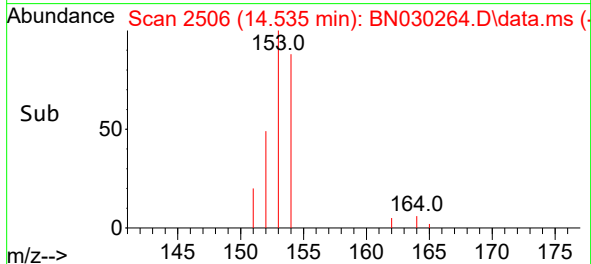
Instrument :
BNA_N
ClientSampleId :
E0SB7DL



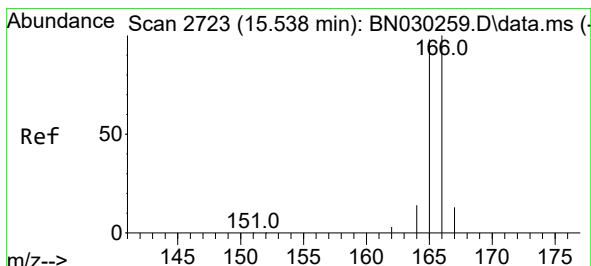
Tgt Ion:153 Resp: 28
Ion Ratio Lower Upper
153 100
152 61.2 43.2 64.8
154 90.4 67.5 101.3

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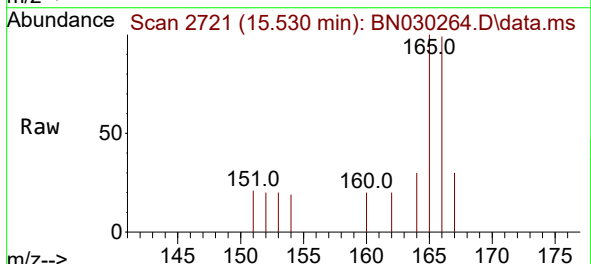
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024



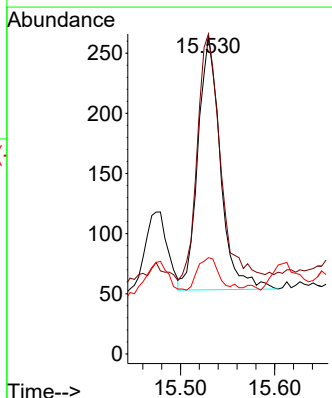
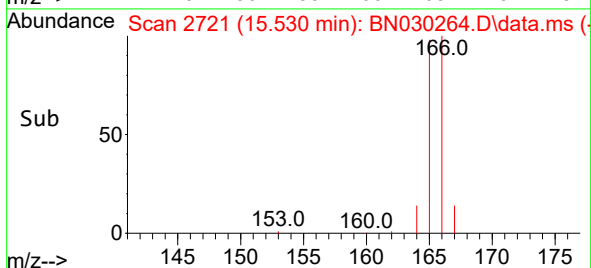
Supervised By :mohammad
ahmed
03/05/2024

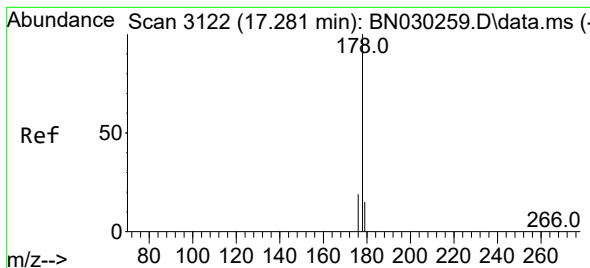


#12
Fluorene
Concen: 0.056 ng/ul
RT: 15.530 min Scan# 2721
Delta R.T. -0.008 min
Lab File: BN030264.D
Acq: 04 Mar 2024 19:58



Tgt Ion:166 Resp: 349
Ion Ratio Lower Upper
166 100
165 100.8 81.8 122.6
167 30.3 13.0 19.4#





#15

Phenanthrene

Concen: 0.788 ng/ul

RT: 17.273 min Scan# 3120

Delta R.T. -0.008 min

Lab File: BN030264.D

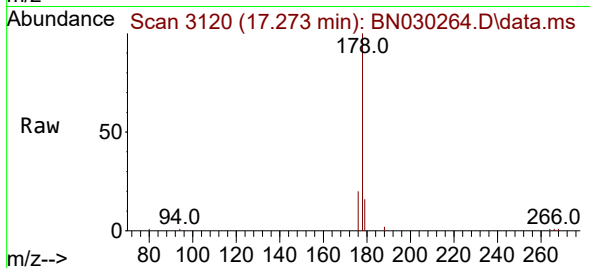
Acq: 04 Mar 2024 19:58

Instrument :

BNA_N

ClientSampleId :

E0SB7DL



Tgt Ion:178 Resp: 778

Ion Ratio Lower Upper

178 100

179 16.5 13.8 20.8

176 19.8 16.6 25.0

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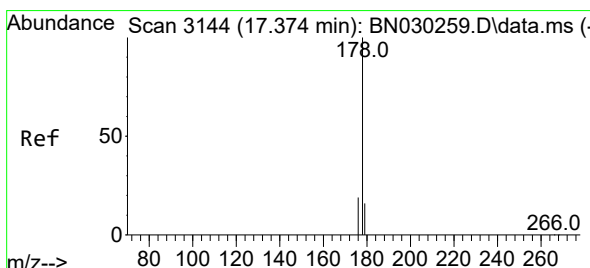
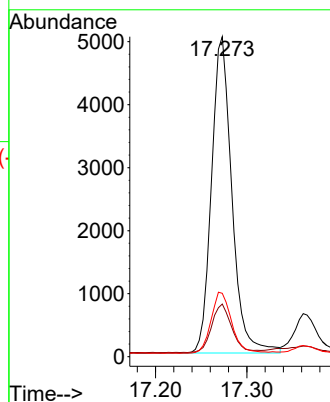
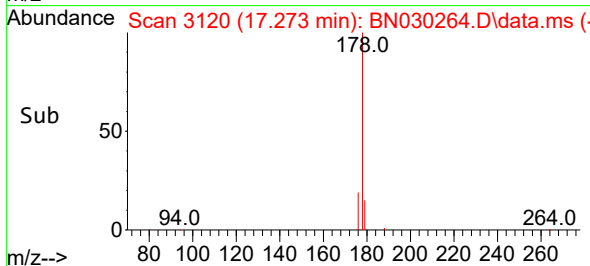
Reviewed By :Yogesh Patel 03/05/2024

Supervised By :mohammad ahmed 03/05/2024

Supervised By :mohammad

ahmed

03/05/2024



#16

Anthracene

Concen: 0.110 ng/ul

RT: 17.362 min Scan# 3141

Delta R.T. -0.012 min

Lab File: BN030264.D

Acq: 04 Mar 2024 19:58

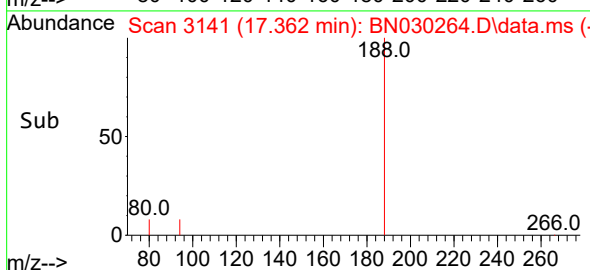
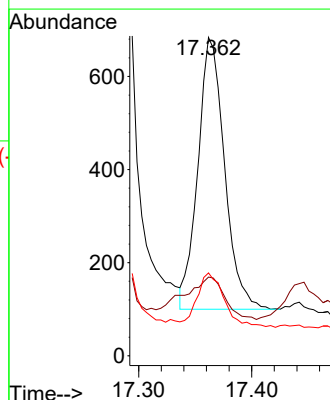
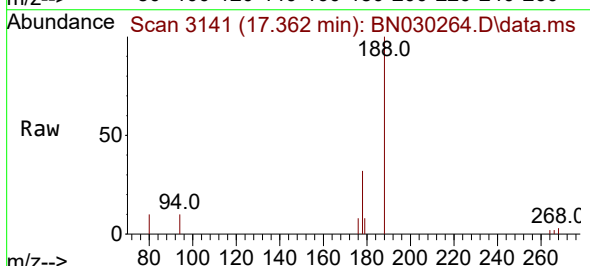
Tgt Ion:178 Resp: 955

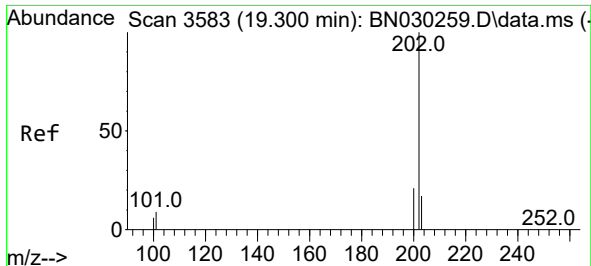
Ion Ratio Lower Upper

178 100

179 24.7 14.8 22.2#

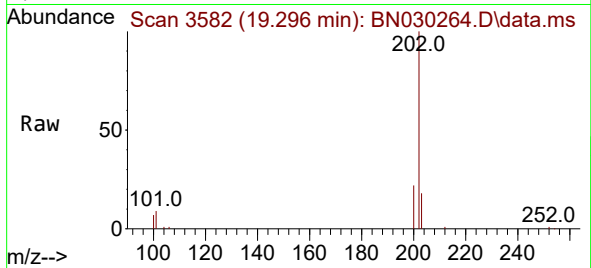
176 26.0 17.8 26.6





#19
Fluoranthene
Concen: 1.600 ng/ul
RT: 19.296 min Scan# 3583
Delta R.T. -0.009 min
Lab File: BN030264.D
Acq: 04 Mar 2024 19:58

Instrument :
BNA_N
ClientSampleId :
E0SB7DL

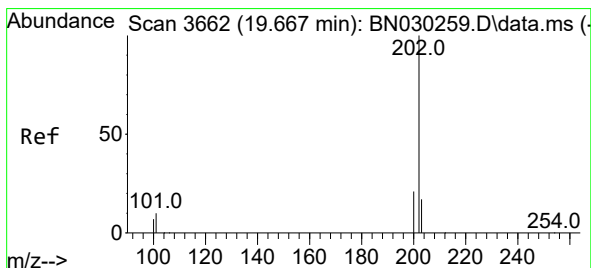
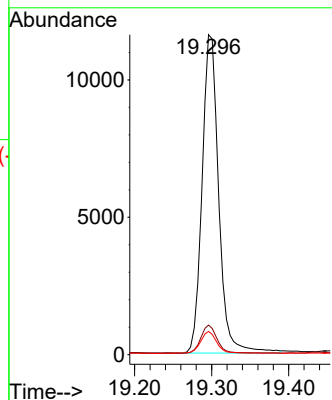


Tgt Ion:202 Resp: 17337
Ion Ratio Lower Upper
202 100
101 9.2 8.8 13.2
100 7.2 7.4 11.2

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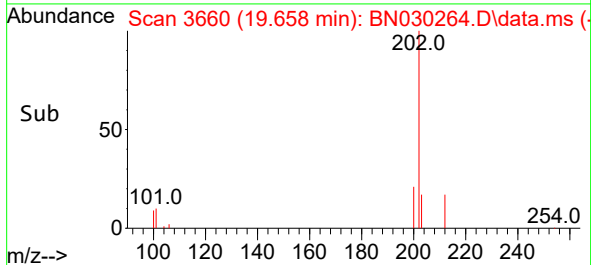
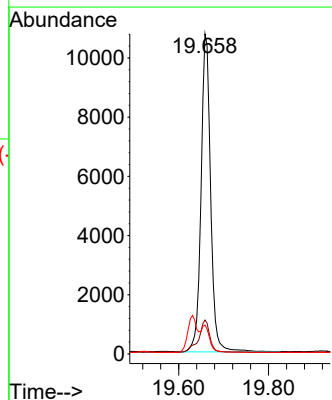
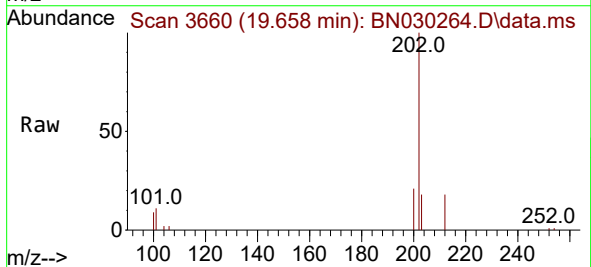
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024

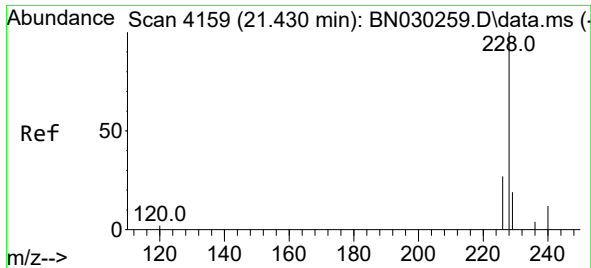
Supervised By :mohammad
ahmed
03/05/2024



#20
Pyrene
Concen: 1.357 ng/ul
RT: 19.658 min Scan# 3660
Delta R.T. -0.009 min
Lab File: BN030264.D
Acq: 04 Mar 2024 19:58

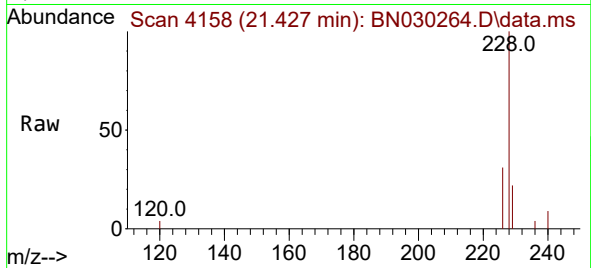
Tgt Ion:202 Resp: 15994
Ion Ratio Lower Upper
202 100
101 10.6 10.6 15.8
100 9.1 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.665 ng/ul
RT: 21.427 min Scan# 4159
Delta R.T. 0.001 min
Lab File: BN030264.D
Acq: 04 Mar 2024 19:58

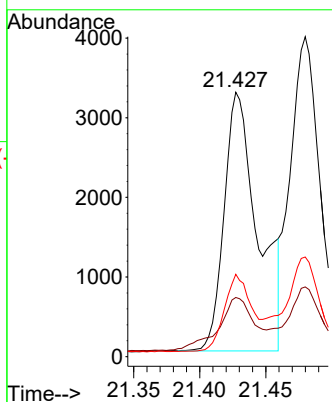
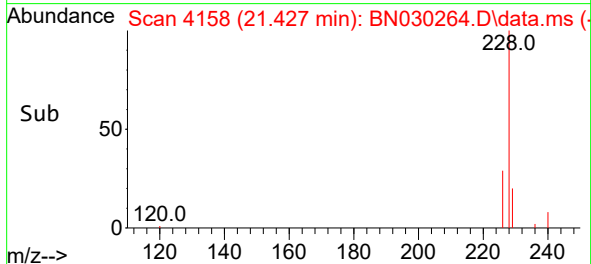
Instrument :
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ClientSampleId :
E0SB7DL



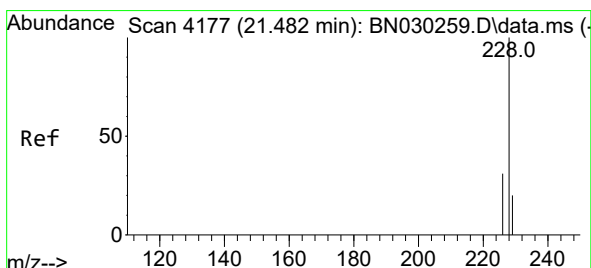
Tgt Ion:228 Resp: 5730
Ion Ratio Lower Upper
228 100
229 22.4 16.6 24.8
226 31.1 23.7 35.5

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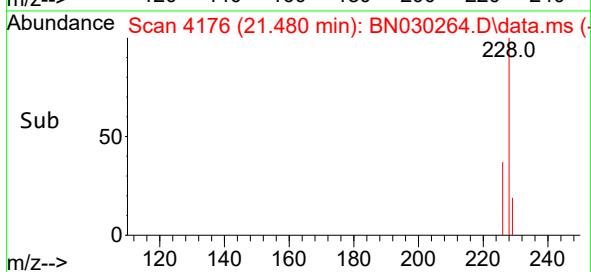
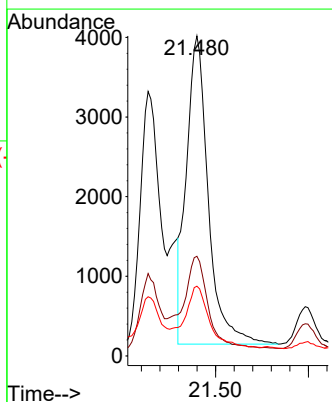
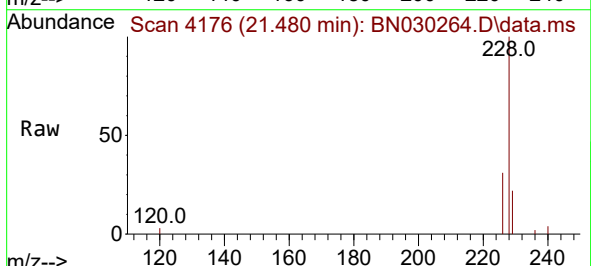


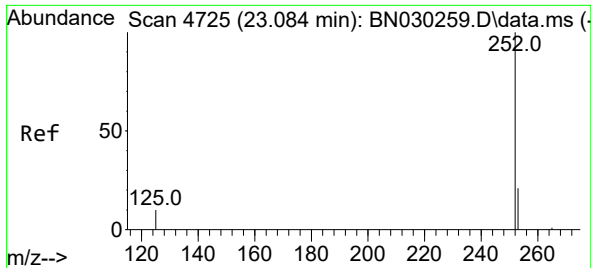
Supervised By :mohammad
ahmed
03/05/2024



#22
Chrysene
Concen: 0.611 ng/ul
RT: 21.480 min Scan# 4176
Delta R.T. 0.001 min
Lab File: BN030264.D
Acq: 04 Mar 2024 19:58

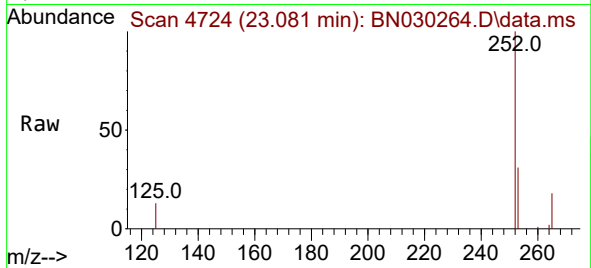
Tgt Ion:228 Resp: 6331
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 21.8 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.817 ng/ul m
RT: 23.081 min Scan# 4725
Delta R.T. -0.002 min
Lab File: BN030264.D
Acq: 04 Mar 2024 19:58

Instrument :
BNA_N
ClientSampleId :
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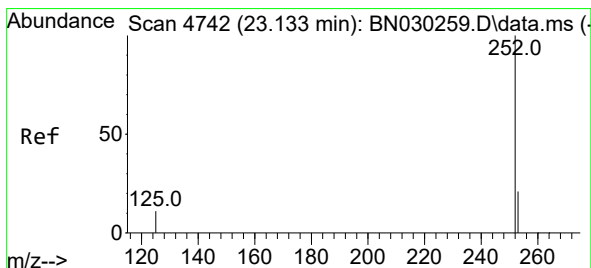
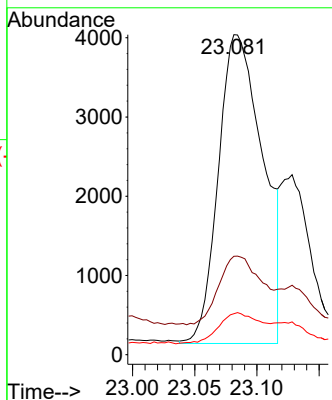


Tgt Ion:252 Resp: 969
Ion Ratio Lower Upper
252 100
253 30.8 0.0 69.4
125 12.8 0.0 32.8

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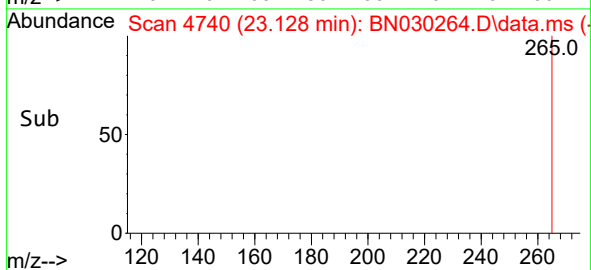
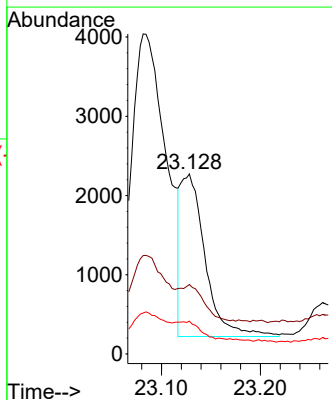
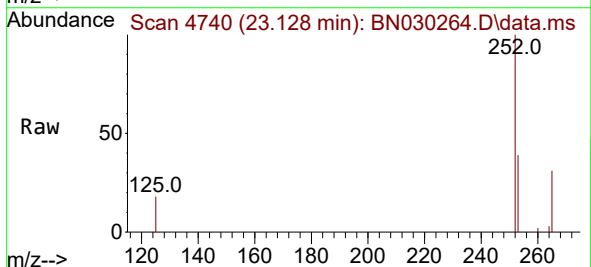
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024

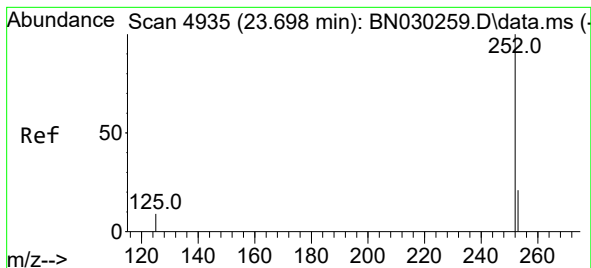
Supervised By :mohammad
ahmed
03/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.253 ng/ul m
RT: 23.128 min Scan# 4740
Delta R.T. -0.002 min
Lab File: BN030264.D
Acq: 04 Mar 2024 19:58

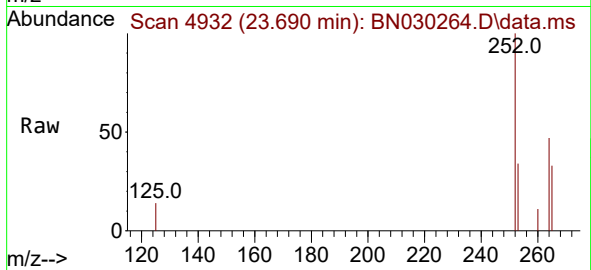
Tgt Ion:252 Resp: 3534
Ion Ratio Lower Upper
252 100
253 38.6 28.0 42.0
125 18.2 14.4 21.6





#26
Benzo(a)pyrene
Concen: 0.514 ng/ul
RT: 23.690 min Scan# 4935
Delta R.T. -0.005 min
Lab File: BN030264.D
Acq: 04 Mar 2024 19:58

Instrument :
BNA_N
ClientSampleId :
E0SB7DL

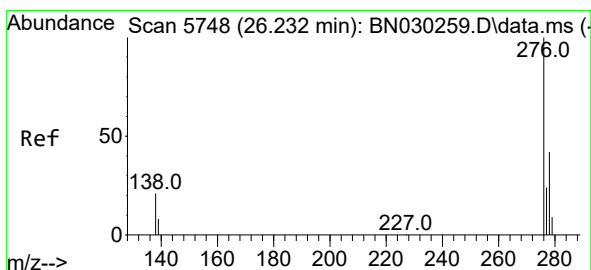
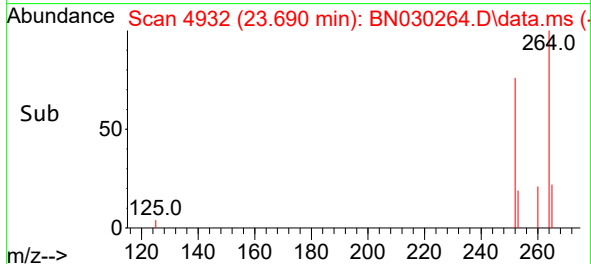
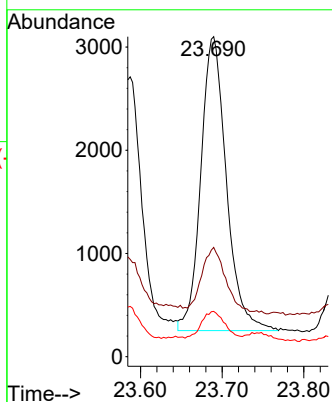


Tgt Ion:252 Resp: 6199
Ion Ratio Lower Upper
252 100
253 34.2 33.0 49.4
125 14.2 16.9 25.3

Manual Integrations
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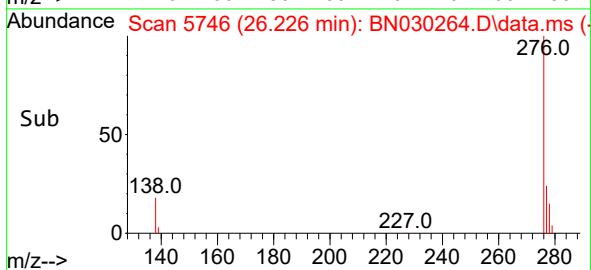
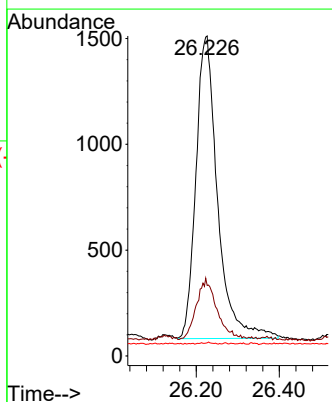
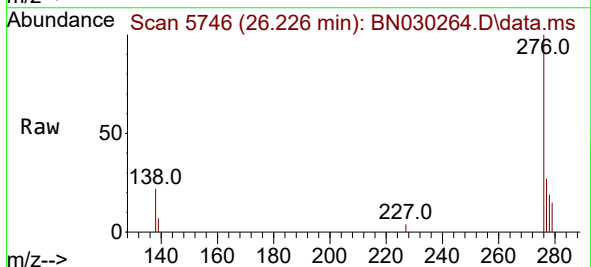
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024

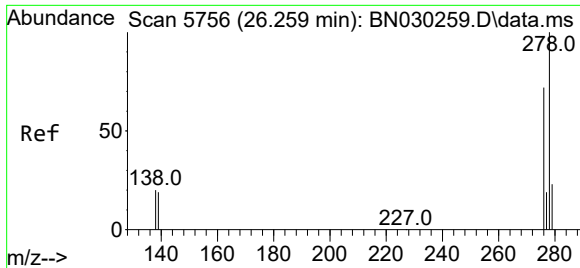
Supervised By :mohammad
ahmed
03/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng/ul
RT: 26.226 min Scan# 5746
Delta R.T. 0.007 min
Lab File: BN030264.D
Acq: 04 Mar 2024 19:58

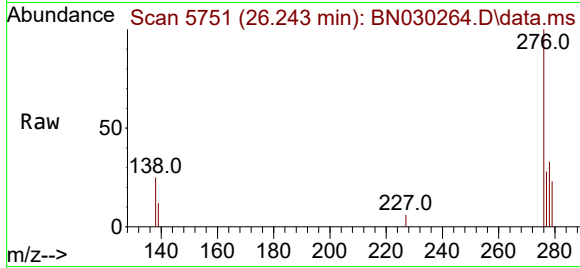
Tgt Ion:276 Resp: 5157
Ion Ratio Lower Upper
276 100
138 19.1 20.9 31.3#
227 0.2 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.085 ng/ul
 RT: 26.243 min Scan# 5751
 Delta R.T. -0.016 min
 Lab File: BN030264.D
 Acq: 04 Mar 2024 19:58

Instrument :
 BNA_N
 ClientSampleId :
 E0SB7DL

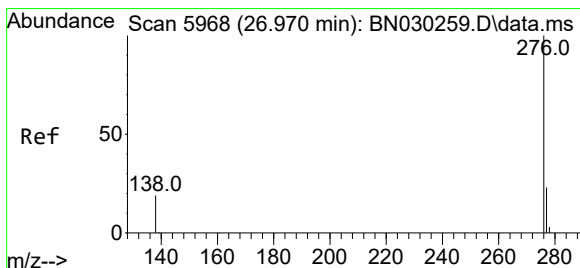
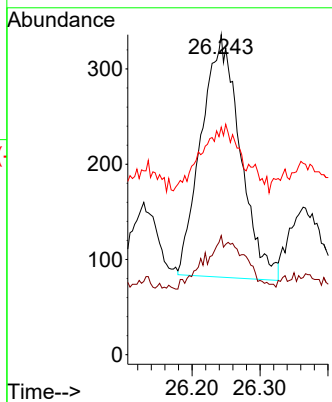


Tgt Ion: 278 Resp: 101
 Ion Ratio Lower Upper
 278 100
 139 37.2 18.9 28.3
 279 71.1 31.8 47.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2024
 Supervised By :mohammad ahmed 03/05/2024

Supervised By :mohammad
 ahmed
 03/05/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.414 ng/ul
 RT: 26.961 min Scan# 5965
 Delta R.T. -0.006 min
 Lab File: BN030264.D
 Acq: 04 Mar 2024 19:58

Tgt Ion: 276 Resp: 5927
 Ion Ratio Lower Upper
 276 100
 138 24.5 22.6 33.8
 277 26.6 21.9 32.9

