

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026976.D
 Acq On : 19 Aug 2023 02:39
 Operator : MA/JU
 Sample : 03965-11DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48J5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

08/21/2023
 Supervised By :mohammad
 ahmed

Quant Time: Aug 19 03:12:01 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	6007	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	20100	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	12482	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.476	188	28087	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	23826	0.400	ng/ul	0.00
23) Perylene-d12	24.193	264	22505	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5866	0.823	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1636	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	4256	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	264986	4.665	ng/ul	99
7) 2-Methylnaphthalene	12.577	142	2855	0.083	ng/ul	100
10) Acenaphthylene	14.458	152	2845	0.041	ng/ul#	91
11) Acenaphthene	14.791	153	1270	0.026	ng/ul	97
12) Fluorene	15.776	166	1823	0.033	ng/ul#	97
15) Phenanthrene	17.519	178	54474	0.590	ng/ul	100
16) Anthracene	17.607	178	12966	0.155	ng/ul	98
19) Fluoranthene	19.520	202	207602	2.098	ng/ul	98
20) Pyrene	19.887	202	189100m	1.791	ng/ul	
21) Benzo(a)anthracene	21.629	228	109130	1.152	ng/ul	99
22) Chrysene	21.685	228	113285	1.211	ng/ul	98
24) Benzo(b)fluoranthene	23.401	252	143073m	1.681	ng/ul	
25) Benzo(k)fluoranthene	23.450	252	51342m	0.612	ng/ul	
26) Benzo(a)pyrene	24.073	252	98914	1.288	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.871	276	55374	0.551	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.894	278	13156	0.164	ng/ul#	81
29) Benzo(g,h,i)perylene	27.712	276	49279	0.589	ng/ul	99

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

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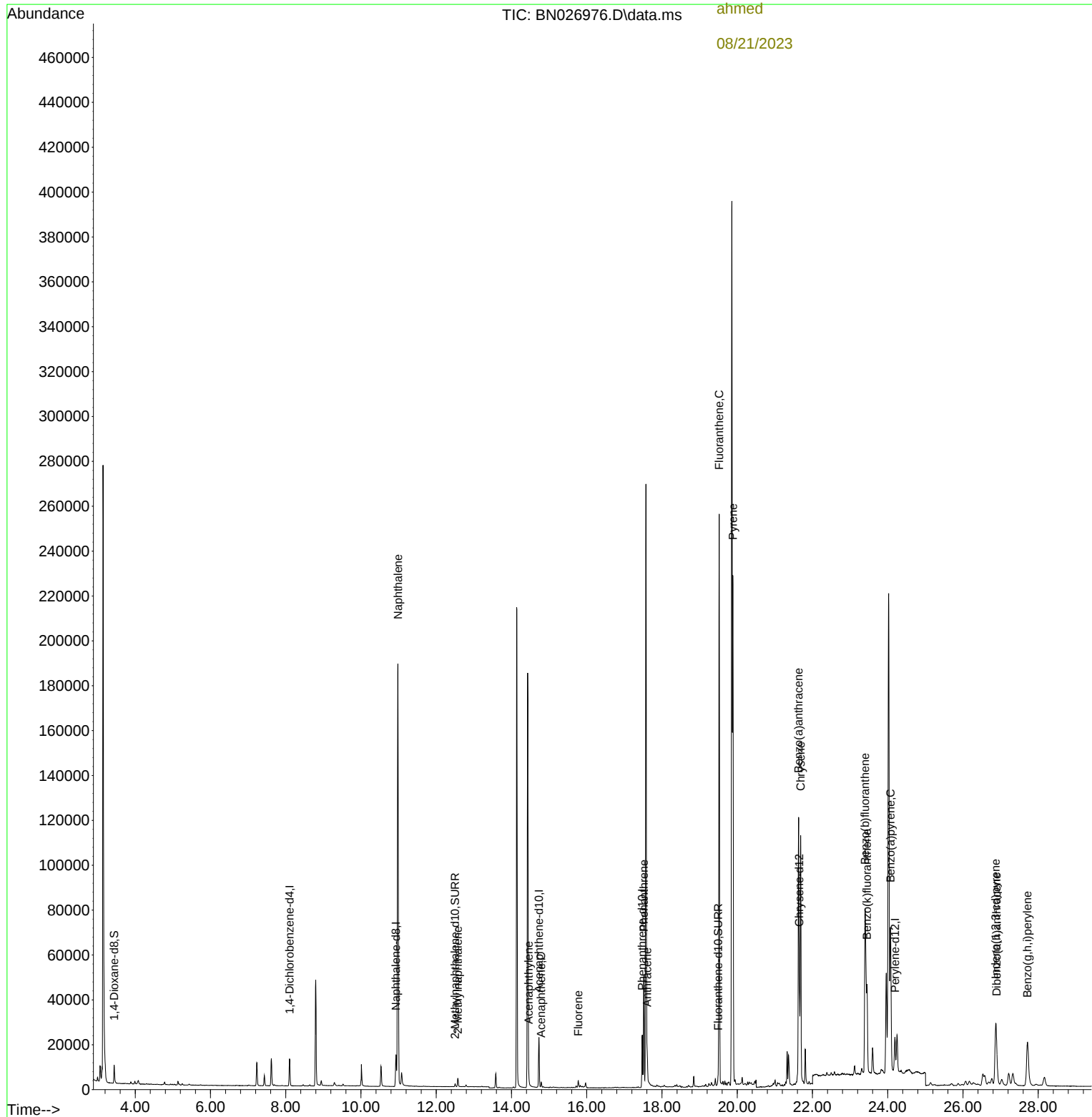
Instrument :
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A48J5DL

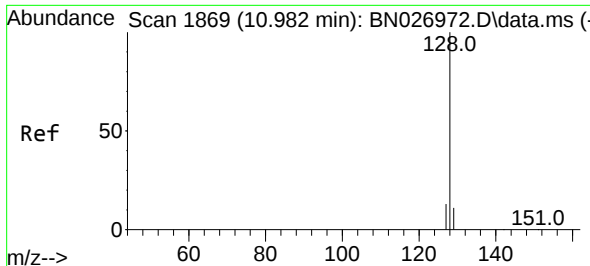
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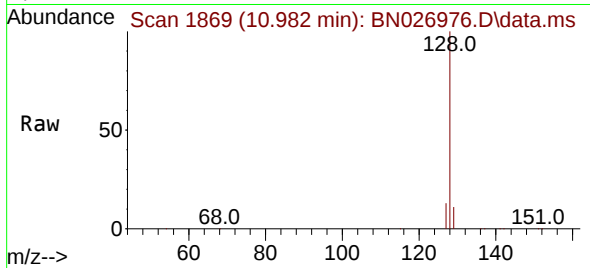
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#5
Naphthalene
Concen: 4.665 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN026976.D
Acq: 19 Aug 2023 02:39

Instrument :
BNA_N
ClientSampleId :
A48J5DL



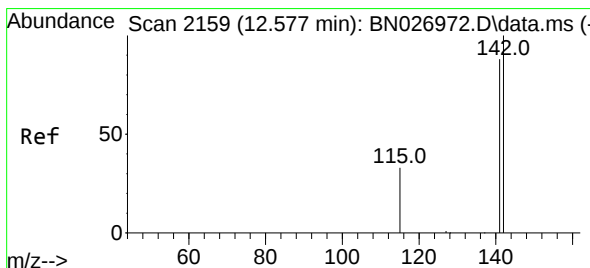
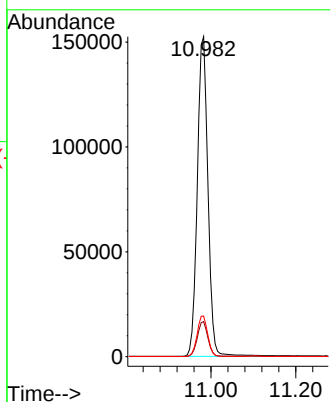
Tgt Ion:128 Resp: 264980
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 12.7 10.5 15.7

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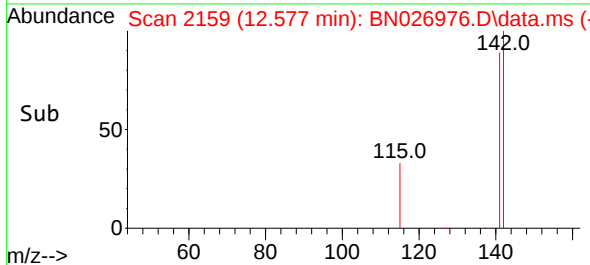
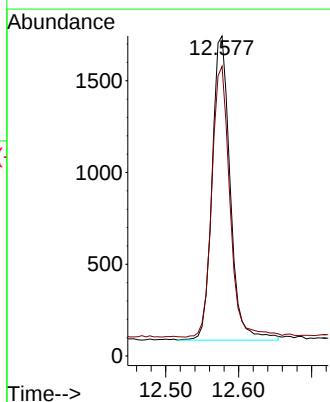
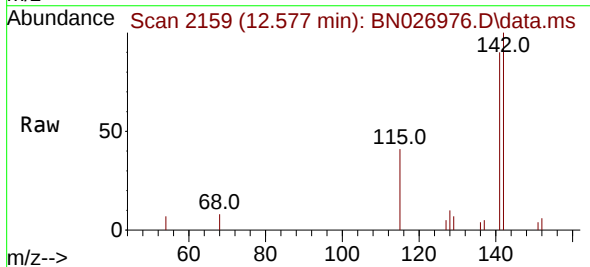
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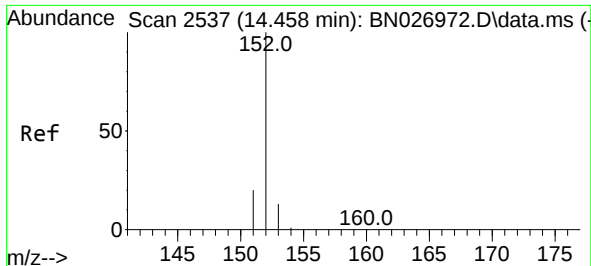
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#7
2-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BN026976.D
Acq: 19 Aug 2023 02:39

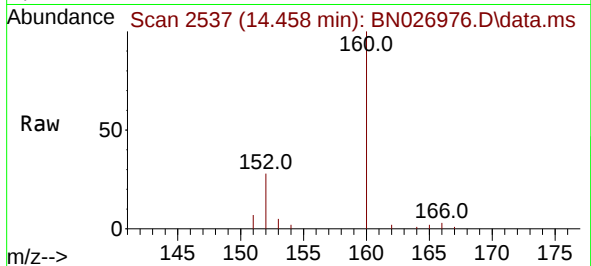
Tgt Ion:142 Resp: 2855
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3





#10
Acenaphthylene
Concen: 0.041 ng/u1
RT: 14.458 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BN026976.D
Acq: 19 Aug 2023 02:39

Instrument :
BNA_N
ClientSampleId :
A48J5DL



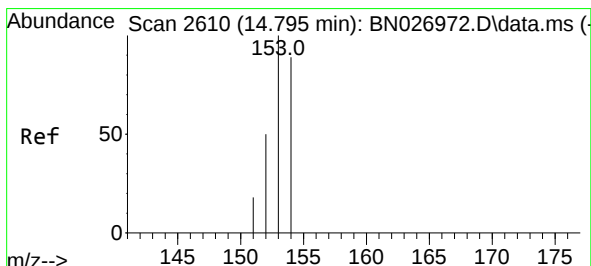
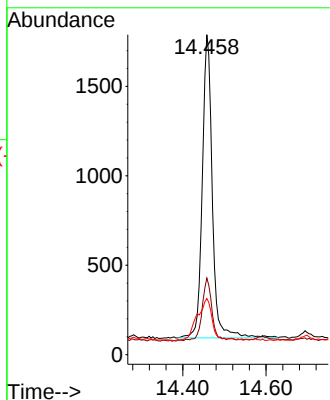
Tgt Ion:152 Resp: 2849
Ion Ratio Lower Upper
152 100
151 23.9 15.9 23.9
153 17.6 11.0 16.6

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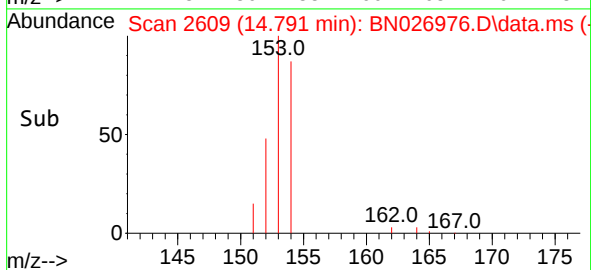
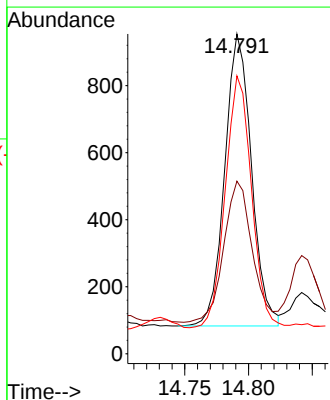
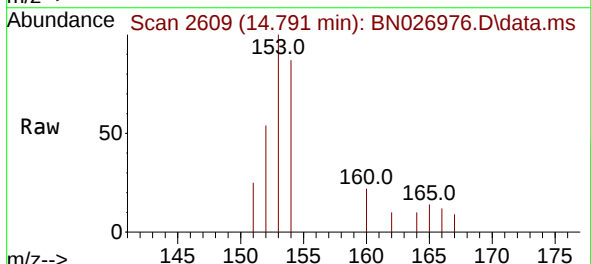
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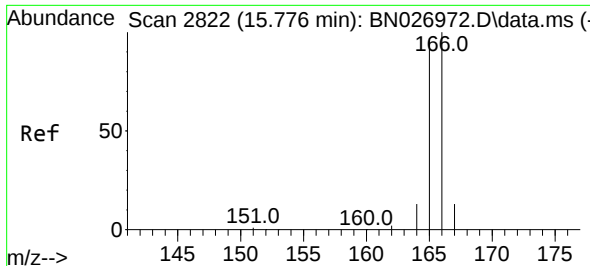
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#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.791 min Scan# 2609
Delta R.T. 0.000 min
Lab File: BN026976.D
Acq: 19 Aug 2023 02:39

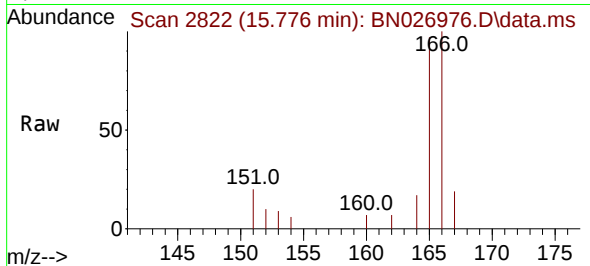
Tgt Ion:153 Resp: 1270
Ion Ratio Lower Upper
153 100
152 54.0 41.1 61.7
154 86.9 71.6 107.4





#12
Fluorene
Concen: 0.033 ng/u1
RT: 15.776 min Scan# 2822
Delta R.T. 0.005 min
Lab File: BN026976.D
Acq: 19 Aug 2023 02:39

Instrument :
BNA_N
ClientSampleId :
A48J5DL



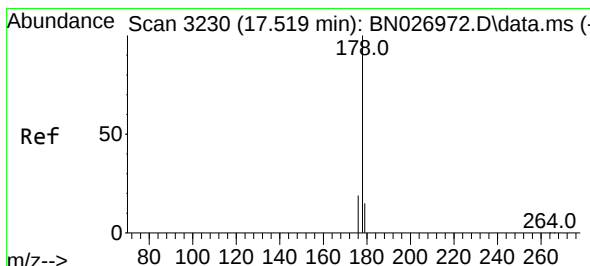
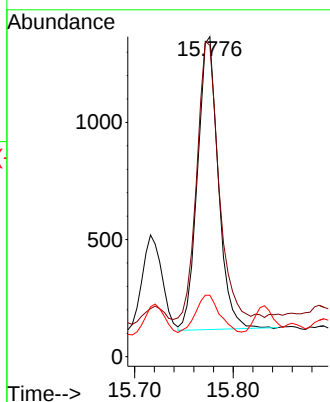
Tgt Ion:166 Resp: 1823
Ion Ratio Lower Upper
166 100
165 97.3 79.1 118.7
167 19.2 11.4 17.0

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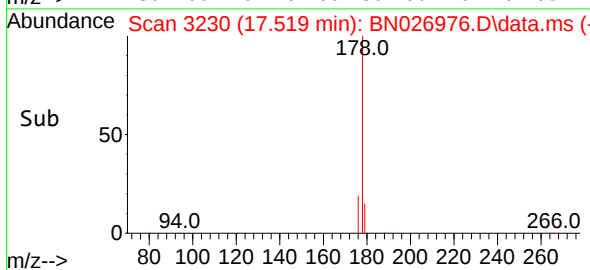
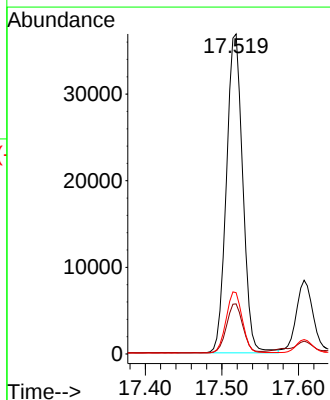
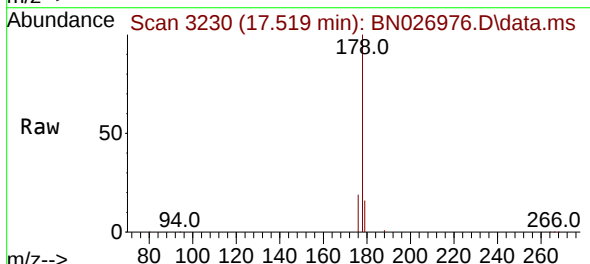
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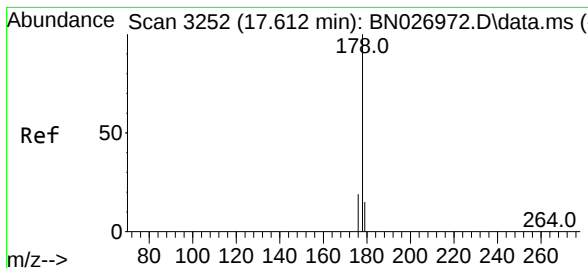
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#15
Phenanthrene
Concen: 0.590 ng/u1
RT: 17.519 min Scan# 3230
Delta R.T. -0.000 min
Lab File: BN026976.D
Acq: 19 Aug 2023 02:39

Tgt Ion:178 Resp: 54474
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.1 15.4 23.2





#16

Anthracene

Concen: 0.155 ng/ul

RT: 17.607 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN026976.D

Acq: 19 Aug 2023 02:39

Instrument :

BNA_N

ClientSampleId :

A48J5DL

Tgt Ion:178	Resp:	12960
Ion Ratio	Lower	Upper
178	100	
179	17.3	12.6 19.0
176	19.5	15.0 22.6

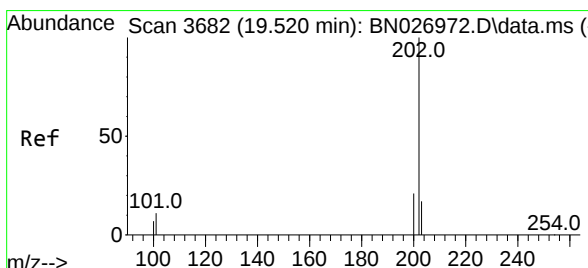
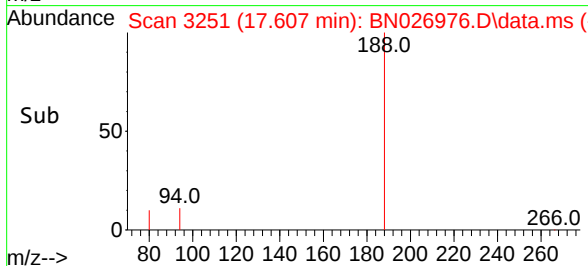
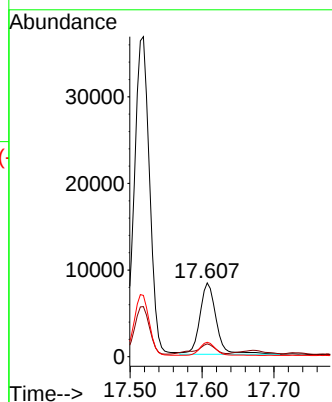
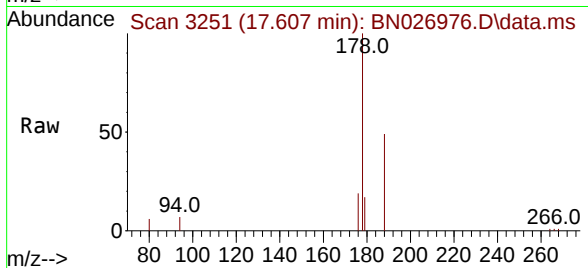
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#19

Fluoranthene

Concen: 2.098 ng/ul

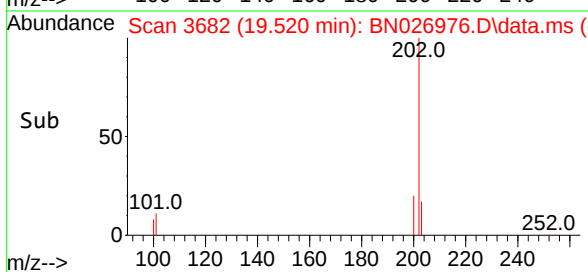
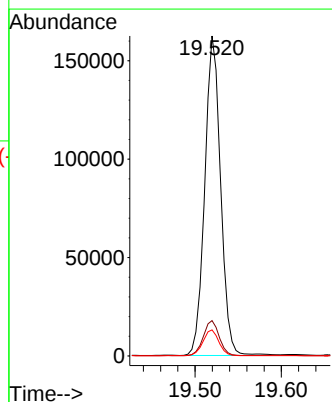
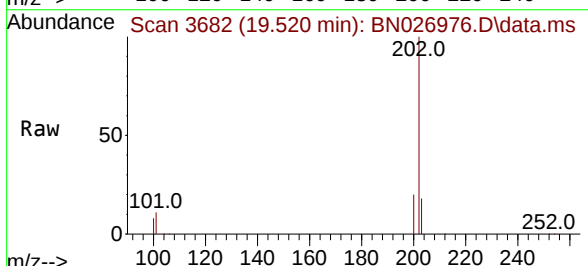
RT: 19.520 min Scan# 3682

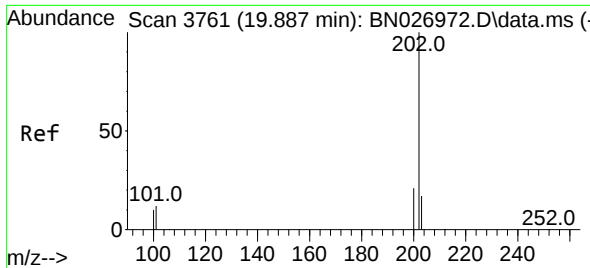
Delta R.T. -0.005 min

Lab File: BN026976.D

Acq: 19 Aug 2023 02:39

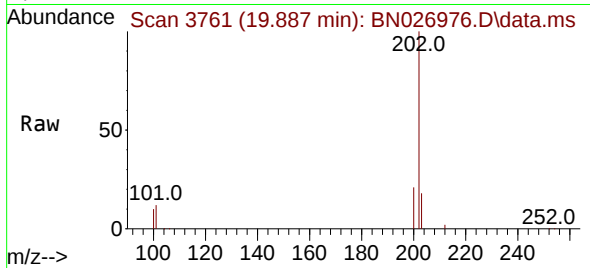
Tgt Ion:202	Resp:	207602
Ion Ratio	Lower	Upper
202	100	
101	11.0	8.3 12.5
100	8.1	6.2 9.2





#20
Pyrene
Concen: 1.791 ng/ul m
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN026976.D
Acq: 19 Aug 2023 02:39

Instrument :
BNA_N
ClientSampleId :
A48J5DL



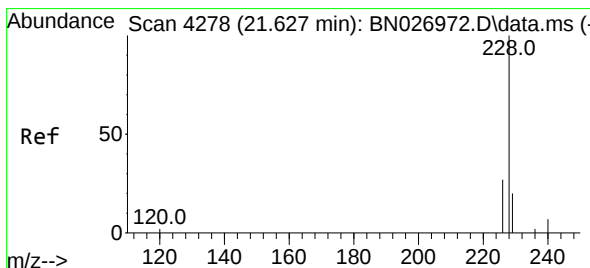
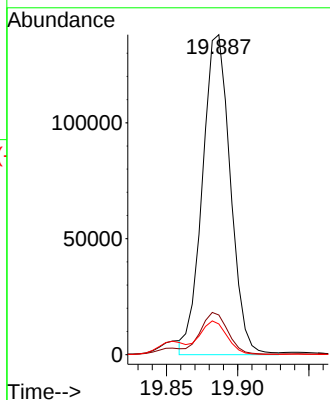
Tgt Ion:202 Resp: 189100
Ion Ratio Lower Upper
202 100
101 12.4 10.7 16.1
100 9.6 8.5 12.7

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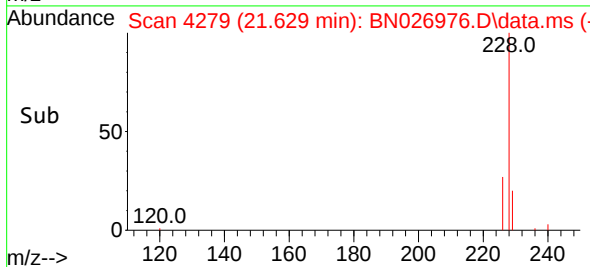
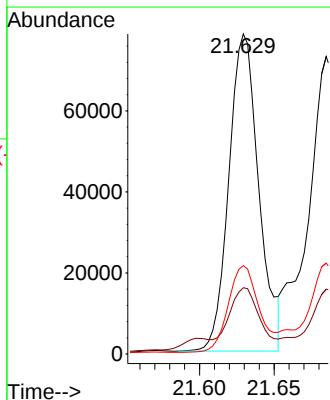
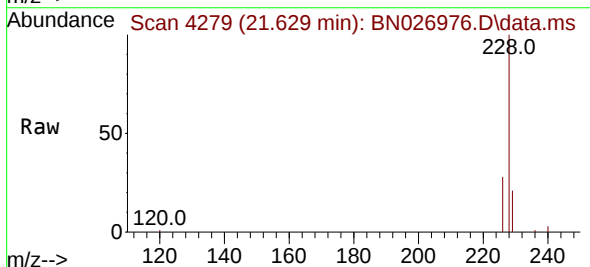
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ahmed

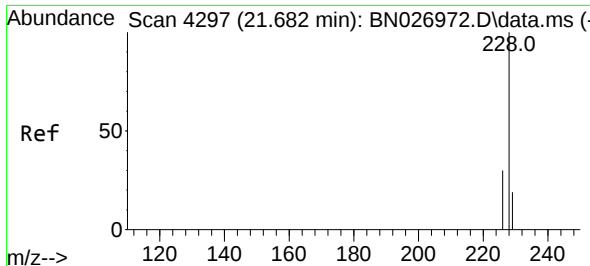
08/21/2023



#21
Benzo(a)anthracene
Concen: 1.152 ng/ul
RT: 21.629 min Scan# 4279
Delta R.T. -0.003 min
Lab File: BN026976.D
Acq: 19 Aug 2023 02:39

Tgt Ion:228 Resp: 109130
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 27.6 22.2 33.2





#22

Chrysene

Concen: 1.211 ng/ul

RT: 21.685 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN026976.D

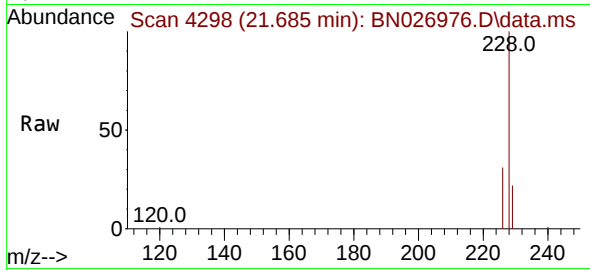
Acq: 19 Aug 2023 02:39

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:228 Resp: 113285

Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

229 21.8 15.8 23.6

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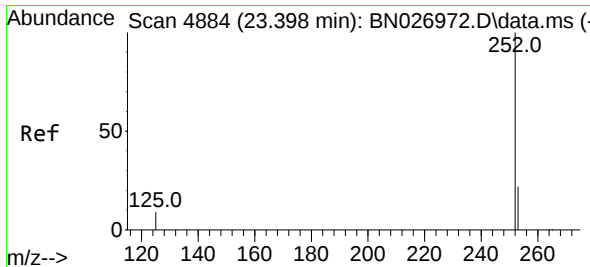
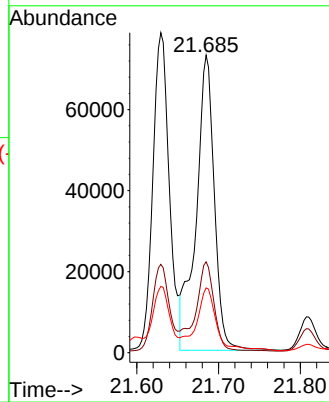
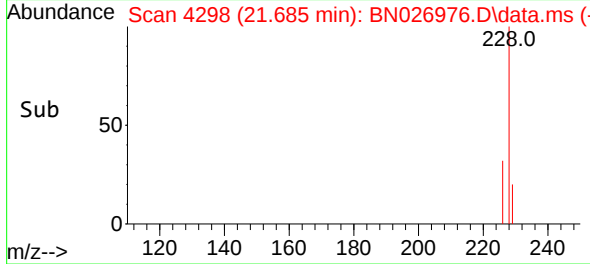
Reviewed By :Yogesh

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#24

Benzo(b)fluoranthene

Concen: 1.681 ng/ul m

RT: 23.401 min Scan# 4885

Delta R.T. -0.006 min

Lab File: BN026976.D

Acq: 19 Aug 2023 02:39

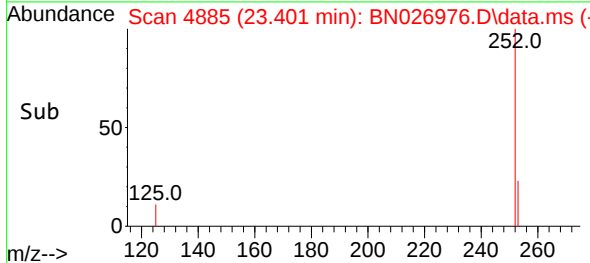
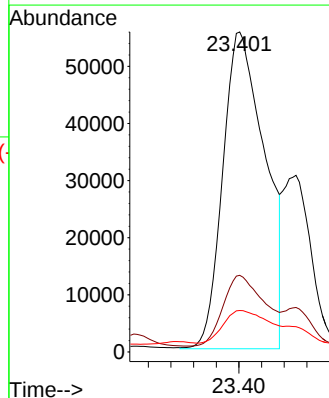
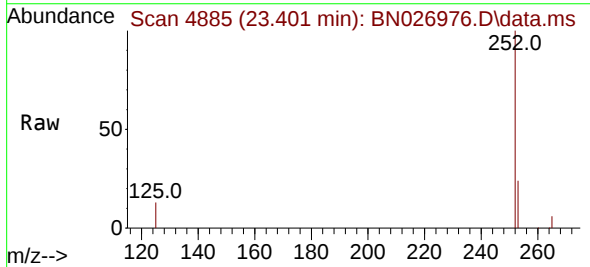
Tgt Ion:252 Resp: 143073

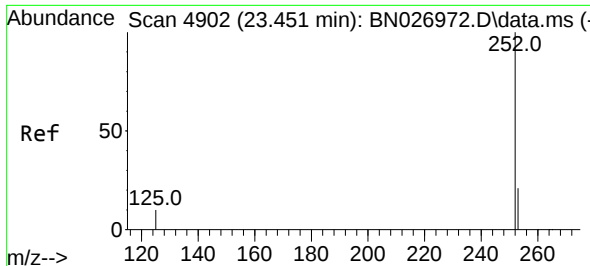
Ion Ratio Lower Upper

252 100

253 24.0 0.0 46.8

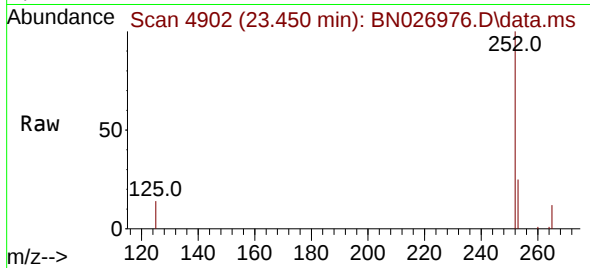
125 12.9 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.612 ng/ul m
RT: 23.450 min Scan# 4902
Delta R.T. -0.009 min
Lab File: BN026976.D
Acq: 19 Aug 2023 02:39

Instrument :
BNA_N
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A48J5DL



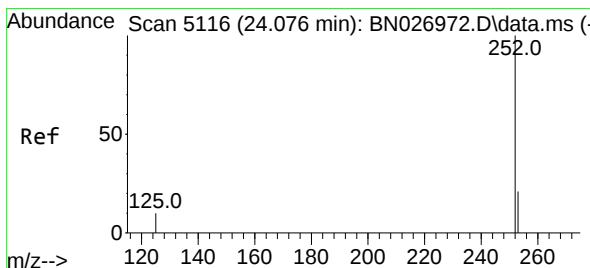
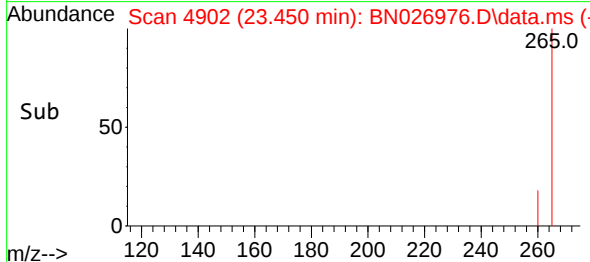
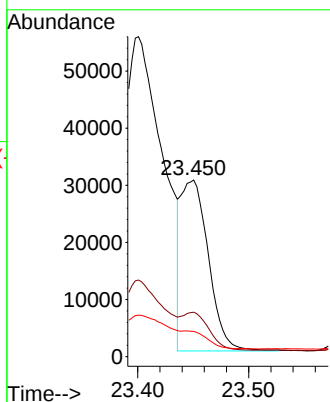
Tgt Ion:252 Resp: 5134
Ion Ratio Lower Upper
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253 25.2 18.2 27.4
125 14.3 9.9 14.9

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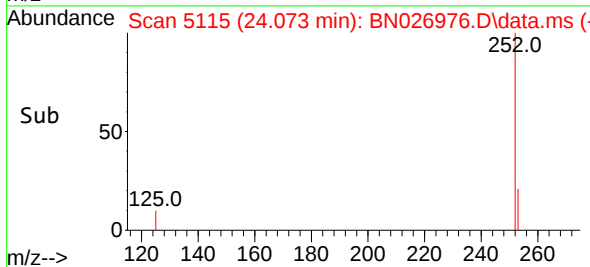
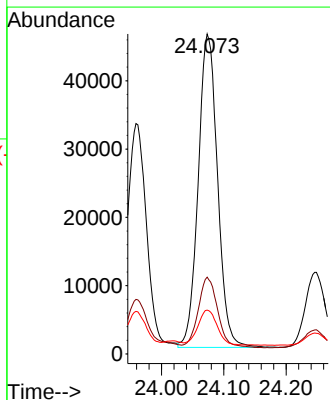
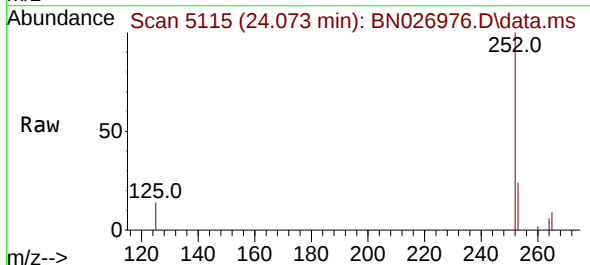
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ahmed

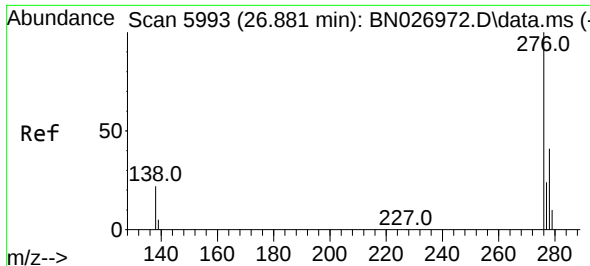
08/21/2023



#26
Benzo(a)pyrene
Concen: 1.288 ng/ul
RT: 24.073 min Scan# 5115
Delta R.T. -0.012 min
Lab File: BN026976.D
Acq: 19 Aug 2023 02:39

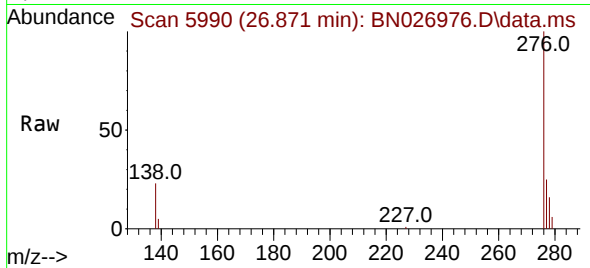
Tgt Ion:252 Resp: 98914
Ion Ratio Lower Upper
252 100
253 24.0 19.0 28.6
125 13.7 11.4 17.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.551 ng/ul
RT: 26.871 min Scan# 5993
Delta R.T. -0.014 min
Lab File: BN026976.D
Acq: 19 Aug 2023 02:39

Instrument :
BNA_N
ClientSampleId :
A48J5DL



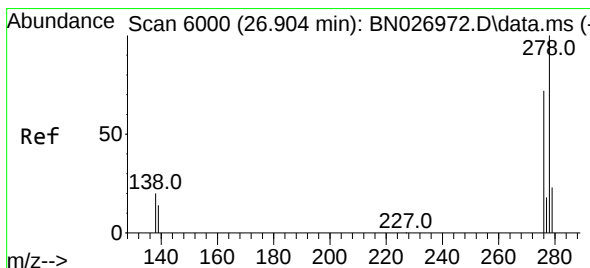
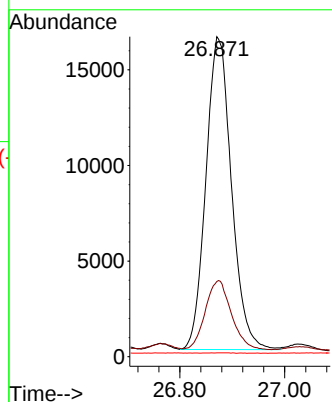
Tgt Ion:276 Resp: 55374
Ion Ratio Lower Upper
276 100
138 22.4 21.6 32.4
227 0.1 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

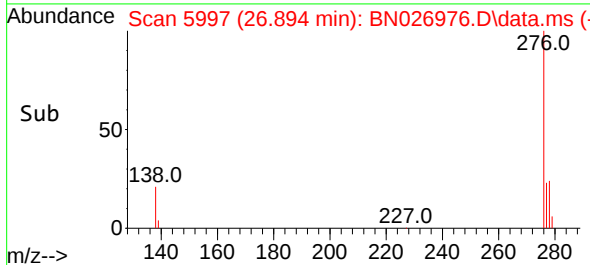
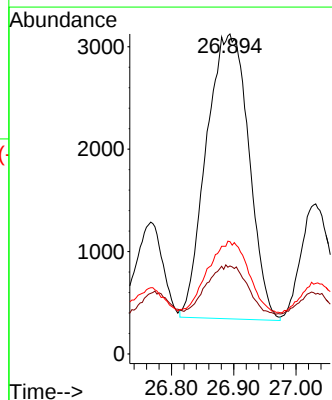
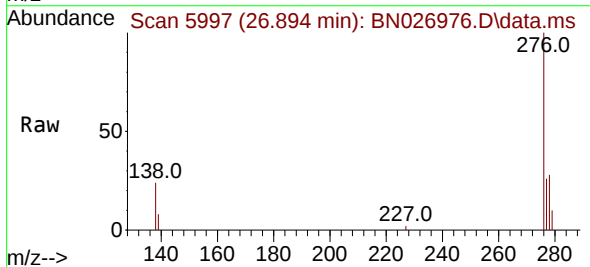
08/21/2023
Supervised By :mohammad
ahmed

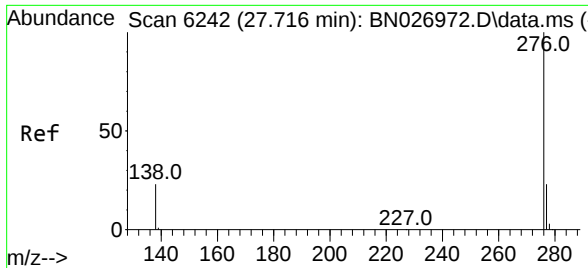
08/21/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.164 ng/ul
RT: 26.894 min Scan# 5997
Delta R.T. -0.028 min
Lab File: BN026976.D
Acq: 19 Aug 2023 02:39

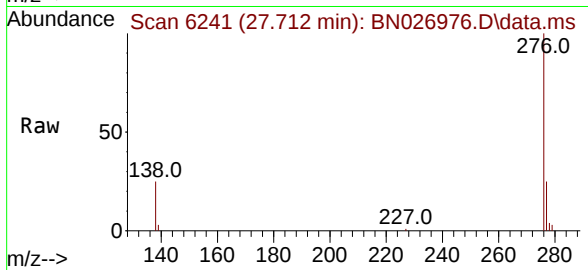
Tgt Ion:278 Resp: 13156
Ion Ratio Lower Upper
278 100
139 27.5 15.7 23.5#
279 35.1 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.589 ng/ul
 RT: 27.712 min Scan# 61
 Delta R.T. -0.011 min
 Lab File: BN026976.D
 Acq: 19 Aug 2023 02:39

Instrument :
 BNA_N
 ClientSampleId :
 A48J5DL

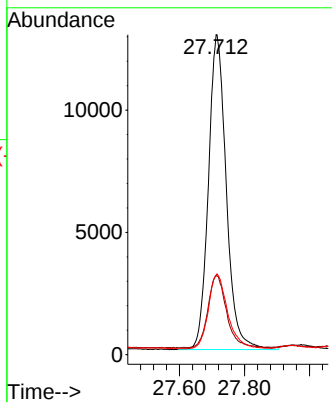
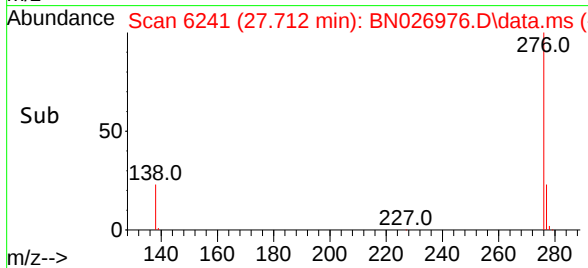


Tgt Ion:	276	Resp:	49279
Ion Ratio	Lower	Upper	
276	100		
138	24.8	19.3	28.9
277	24.9	19.8	29.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

08/21/2023
 Supervised By :mohammad
 ahmed



08/21/2023