

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026969.D
 Acq On : 18 Aug 2023 21:05
 Operator : MA/JU
 Sample : 03965-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 19 00:02:34 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	6730	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	22803	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	13953	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	32360	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	30181	0.400	ng/ul	# 0.00
23) Perylene-d12	24.190	264	31510	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	21570	2.700	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	6903	0.206	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	18695	0.196	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.982	128	40424	0.627	ng/ul	100
7) 2-Methylnaphthalene	12.577	142	20854	0.534	ng/ul	99
8) 1-Methylnaphthalene	12.791	142	17737	0.434	ng/ul	99
10) Acenaphthylene	14.458	152	86593	1.108	ng/ul	100
11) Acenaphthene	14.791	153	19904	0.368	ng/ul	99
12) Fluorene	15.776	166	39781	0.650	ng/ul	98
15) Phenanthrene	17.519	178	995161	9.361	ng/ul	100
16) Anthracene	17.612	178	262061	2.728	ng/ul	99
19) Fluoranthene	19.524	202	2137741	17.052	ng/ul	100
20) Pyrene	19.887	202	1850789m	13.836	ng/ul	
21) Benzo(a)anthracene	21.630	228	1056710	8.803	ng/ul	98
22) Chrysene	21.685	228	1007933	8.507	ng/ul	98
24) Benzo(b)fluoranthene	23.404	252	1342298m	11.262	ng/ul	
25) Benzo(k)fluoranthene	23.454	252	508809m	4.328	ng/ul	
26) Benzo(a)pyrene	24.079	252	984992	9.159	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.881	276	580609	4.127	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.898	278	138123	1.232	ng/ul	95
29) Benzo(g,h,i)perylene	27.723	276	478079	4.081	ng/ul	99

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

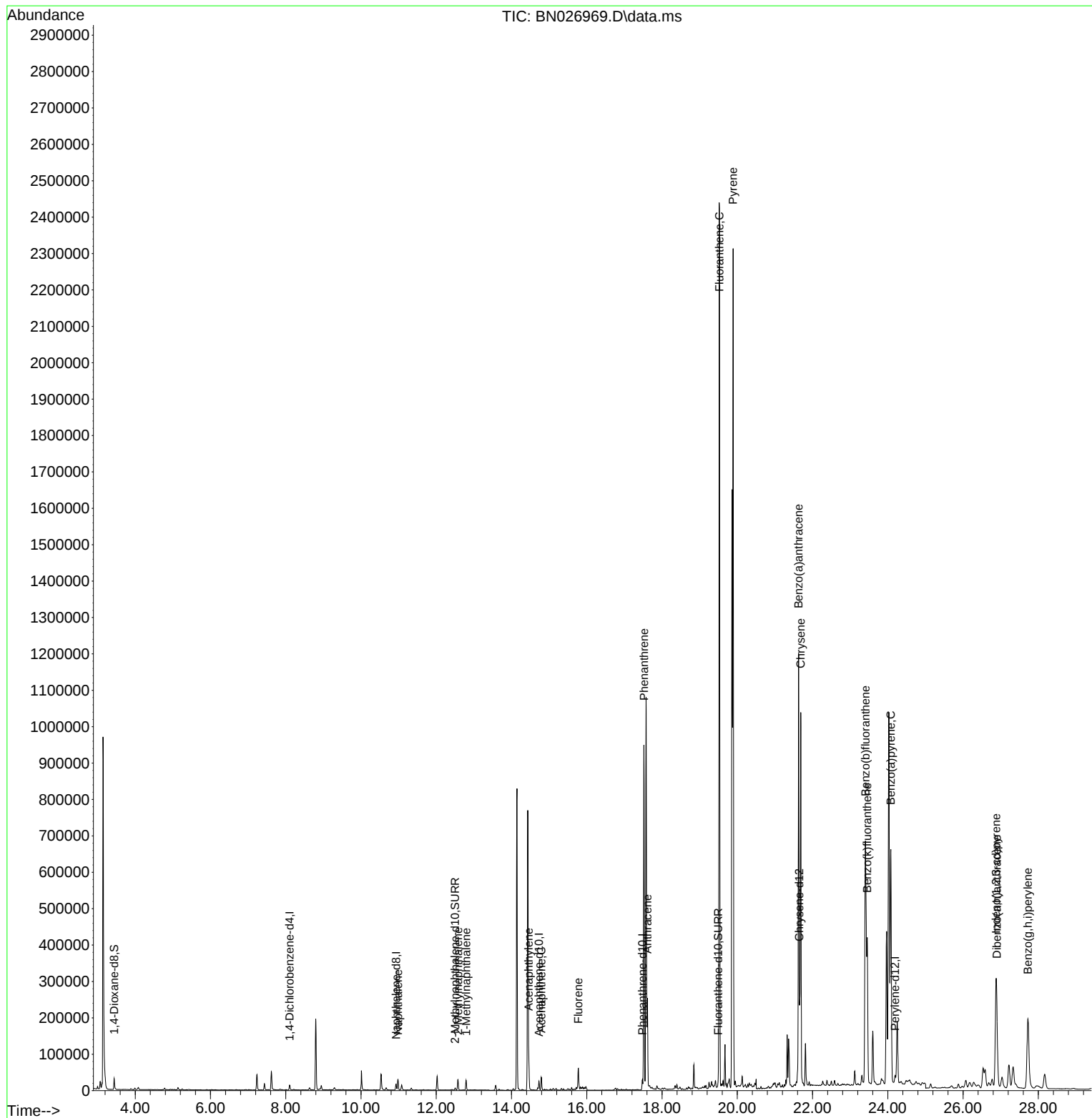
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026969.D
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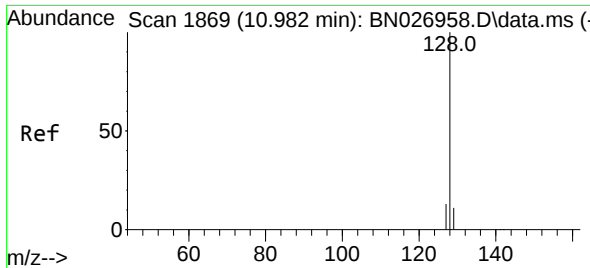
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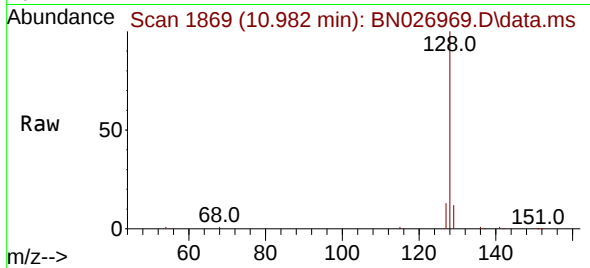
Quant Time: Aug 19 00:02:34 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.627 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

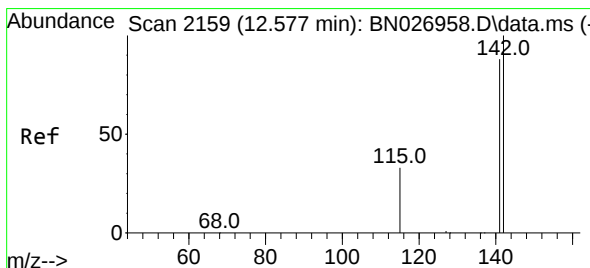
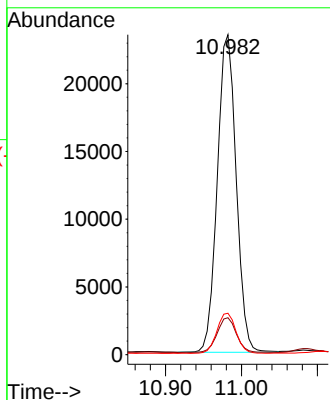
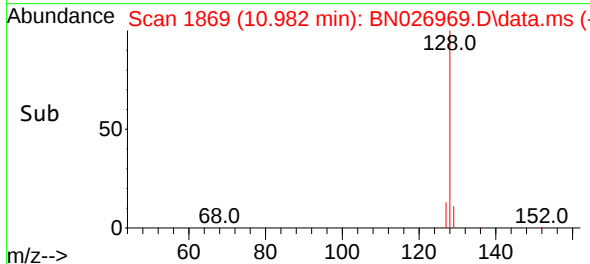
Instrument :
BNA_N
ClientSampleId :
A48L3



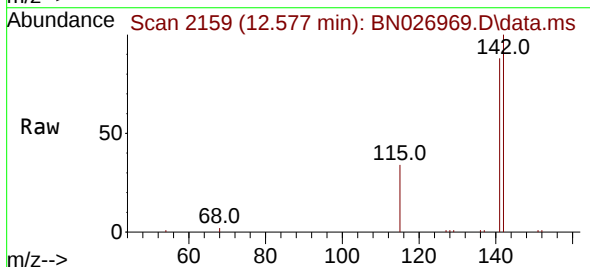
Tgt Ion:128 Resp: 40424
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.0 10.5 15.7

Manual Integrations
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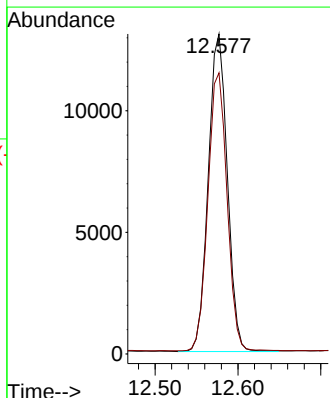
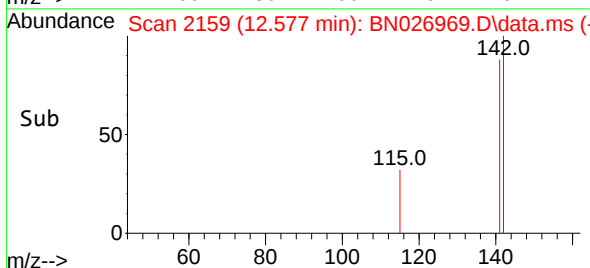
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

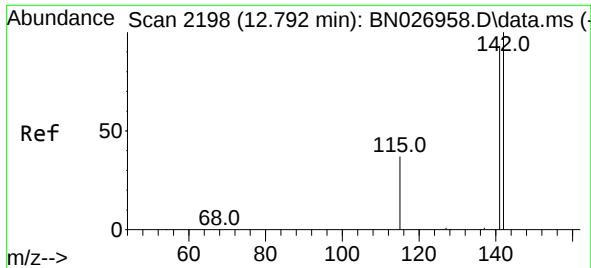


#7
2-Methylnaphthalene
Concen: 0.534 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05



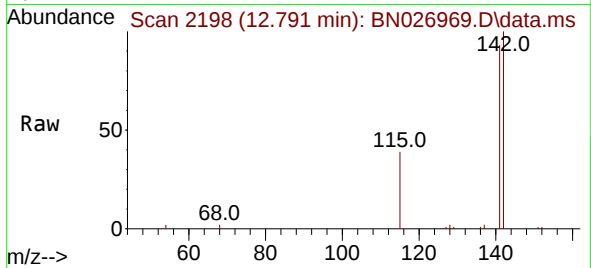
Tgt Ion:142 Resp: 20854
Ion Ratio Lower Upper
142 100
141 87.9 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.791 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

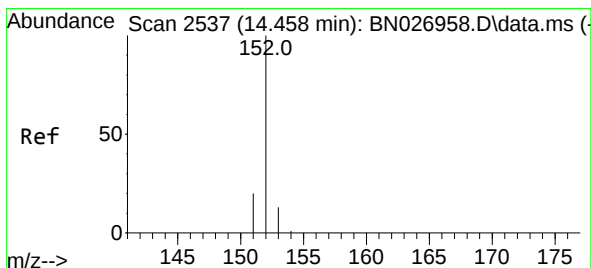
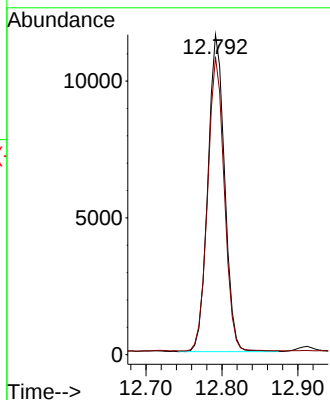
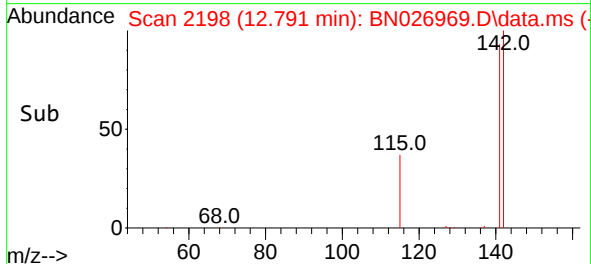
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1773
Ion Ratio Lower Upper
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141 92.2 73.2 109.8

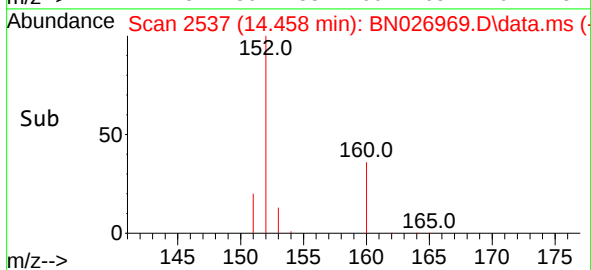
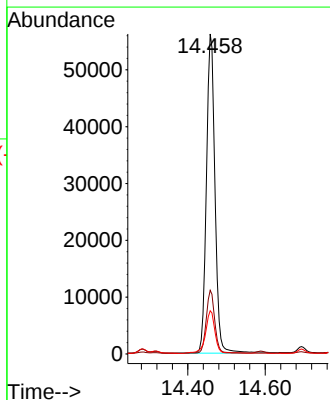
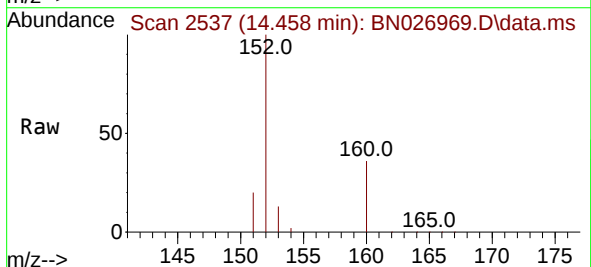
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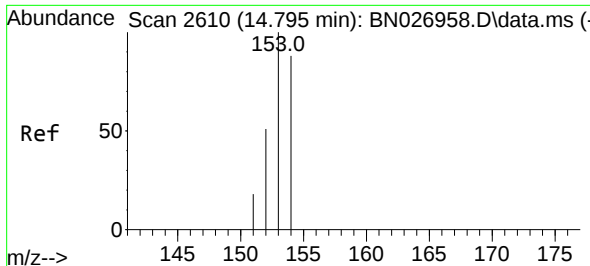
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#10
Acenaphthylene
Concen: 1.108 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

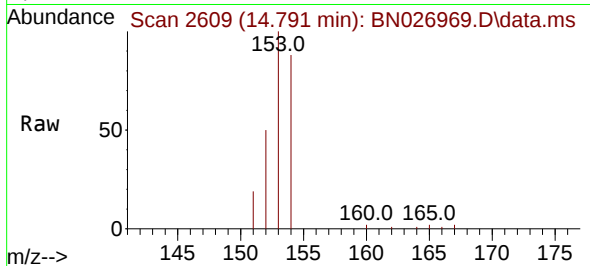
Tgt Ion:152 Resp: 86593
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.5 11.0 16.6





#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

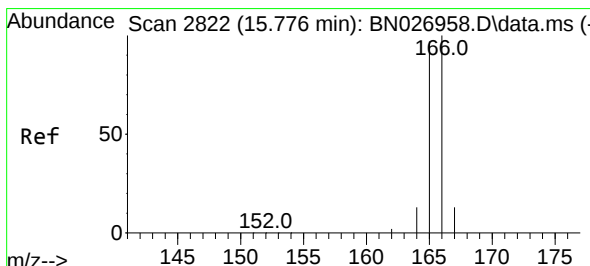
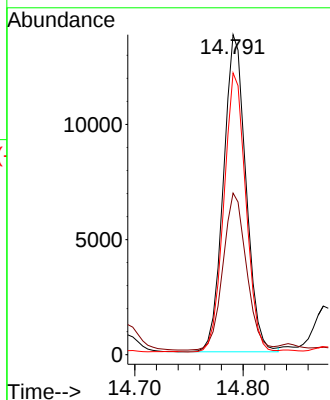
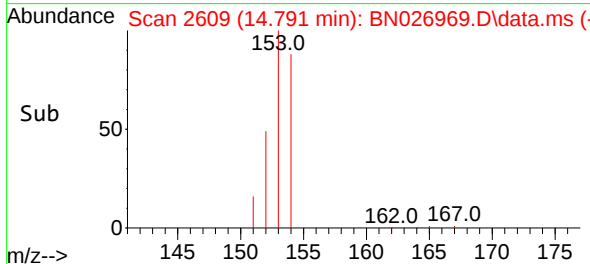
Instrument :
BNA_N
ClientSampleId :
A48L3



Tgt Ion:153 Resp: 19904
Ion Ratio Lower Upper
153 100
152 50.5 41.1 61.7
154 88.1 71.6 107.4

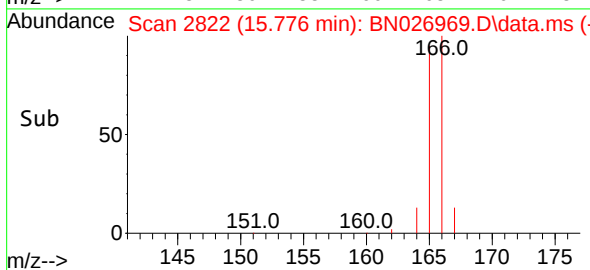
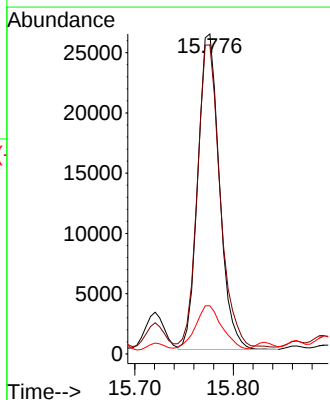
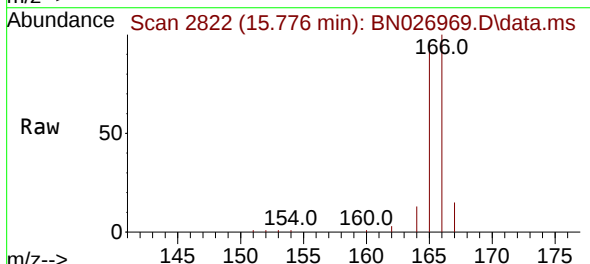
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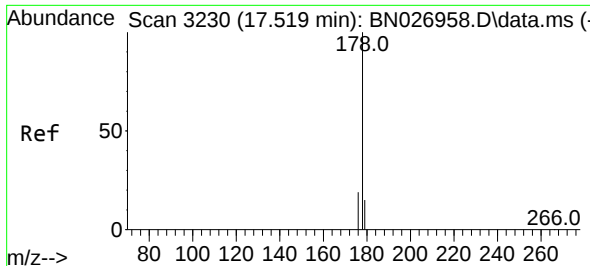
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#12
Fluorene
Concen: 0.650 ng/ul
RT: 15.776 min Scan# 2822
Delta R.T. 0.005 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

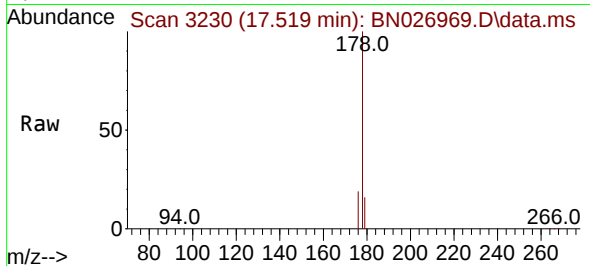
Tgt Ion:166 Resp: 39781
Ion Ratio Lower Upper
166 100
165 96.6 79.1 118.7
167 15.0 11.4 17.0





#15
Phenanthrene
Concen: 9.361 ng/u1
RT: 17.519 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

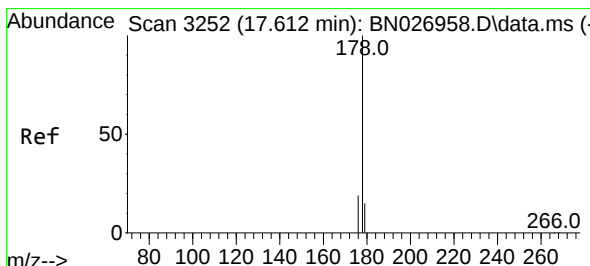
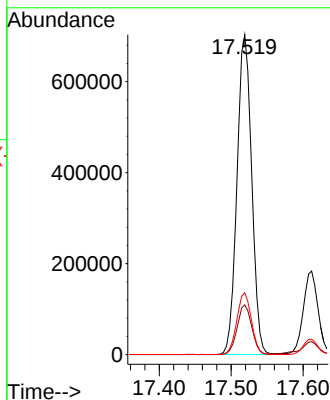
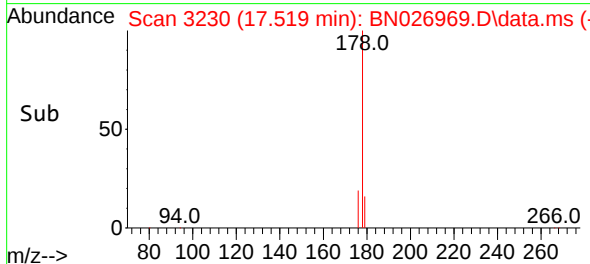
Instrument :
BNA_N
ClientSampleId :
A48L3



Tgt Ion:178 Resp: 99516
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.3 15.4 23.2

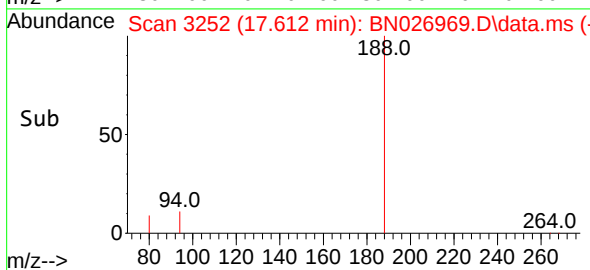
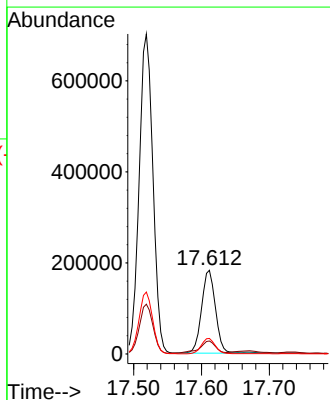
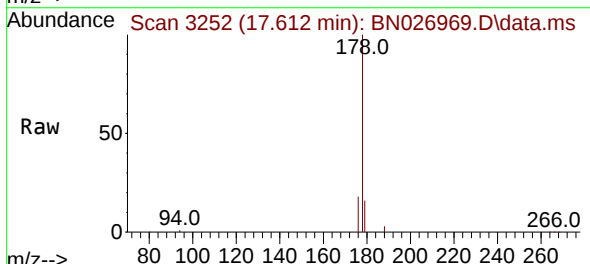
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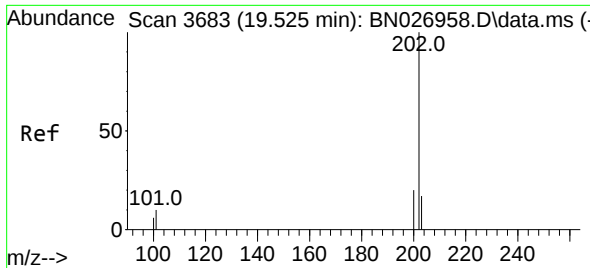
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#16
Anthracene
Concen: 2.728 ng/u1
RT: 17.612 min Scan# 3252
Delta R.T. 0.004 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

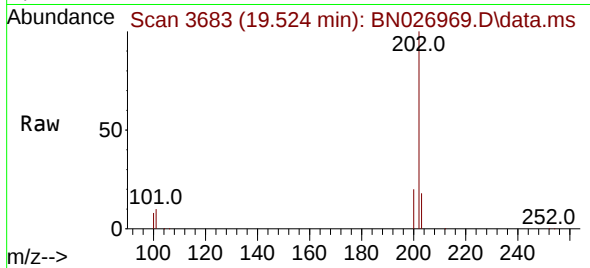
Tgt Ion:178 Resp: 262061
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.5 15.0 22.6





#19
Fluoranthene
Concen: 17.052 ng/ul
RT: 19.524 min Scan# 3074
Delta R.T. -0.000 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

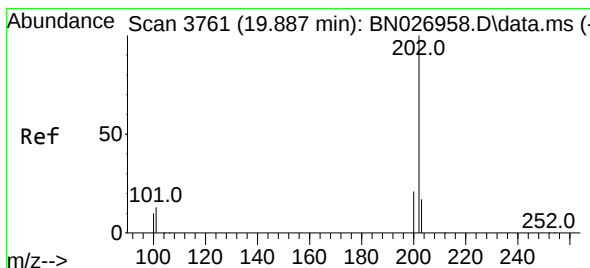
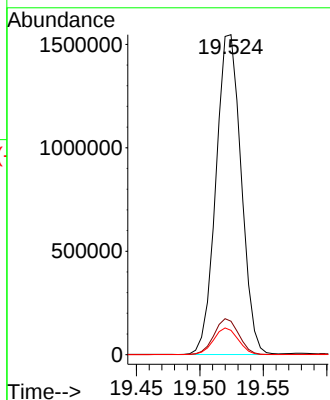
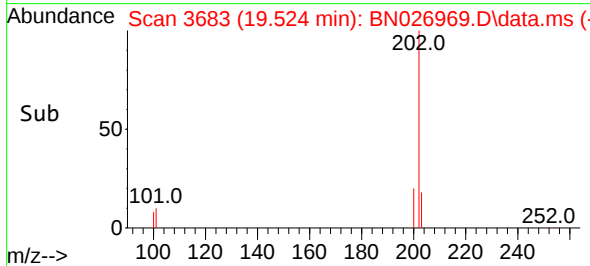
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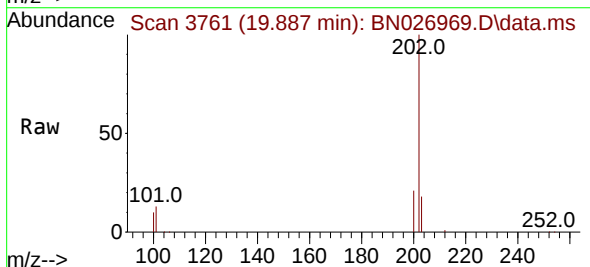
Tgt Ion:202 Resp: 213774
Ion Ratio Lower Upper
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101 10.5 8.3 12.5
100 7.6 6.2 9.2

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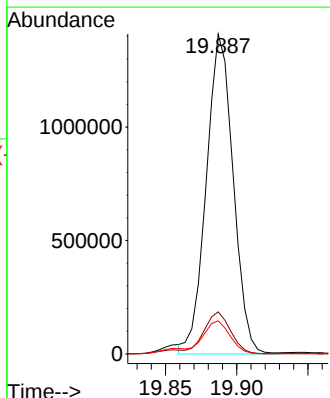
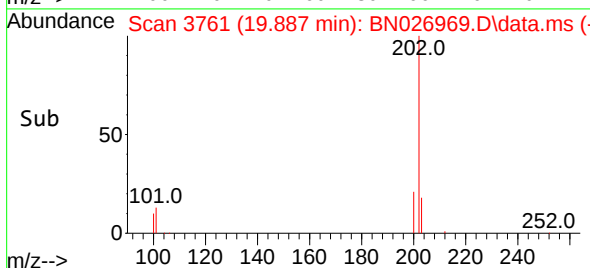
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

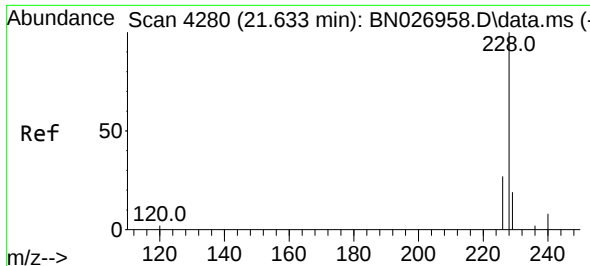


#20
Pyrene
Concen: 13.836 ng/ul m
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05



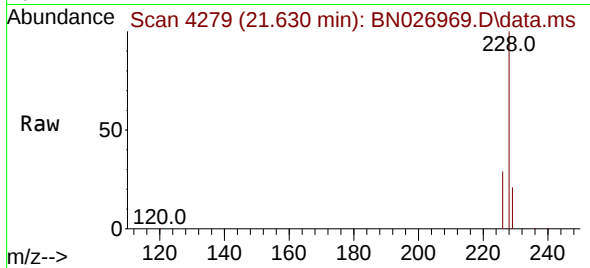
Tgt Ion:202 Resp: 1850789
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.3 8.5 12.7





#21
Benzo(a)anthracene
Concen: 8.803 ng/u1
RT: 21.630 min Scan# 4280
Delta R.T. -0.003 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

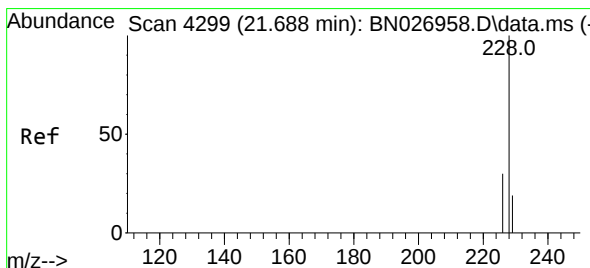
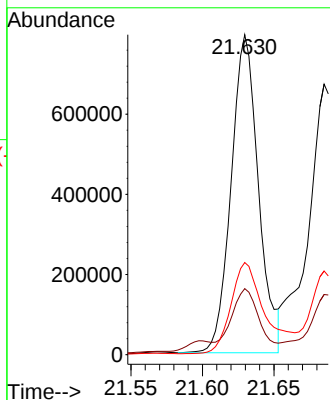
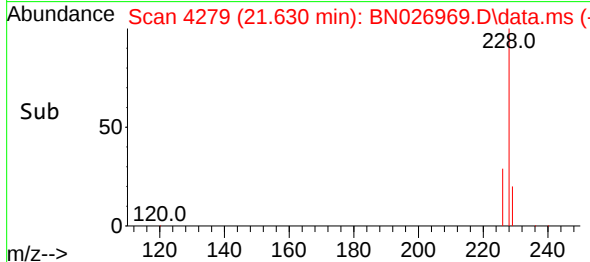
Instrument :
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Tgt Ion:228 Resp: 1056710
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.8 22.2 33.2

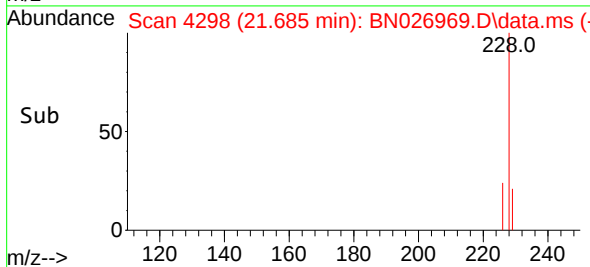
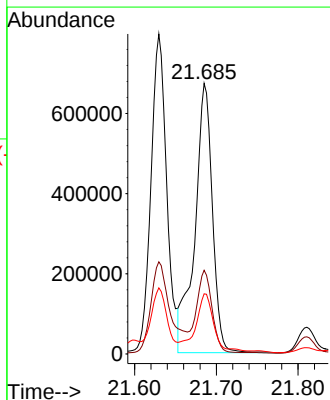
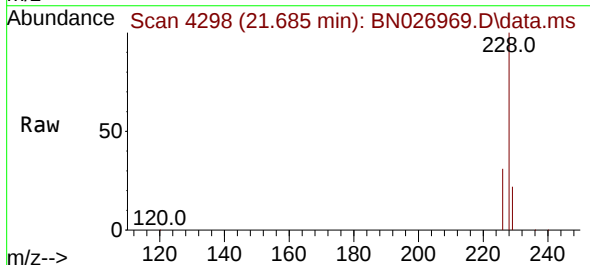
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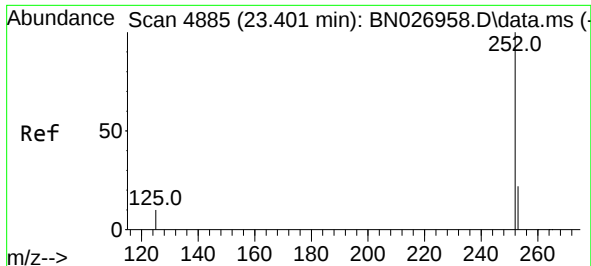
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#22
Chrysene
Concen: 8.507 ng/u1
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

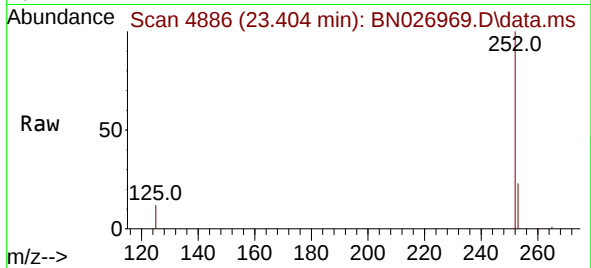
Tgt Ion:228 Resp: 1007933
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 11.262 ng/ul m
RT: 23.404 min Scan# 4886
Delta R.T. -0.003 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

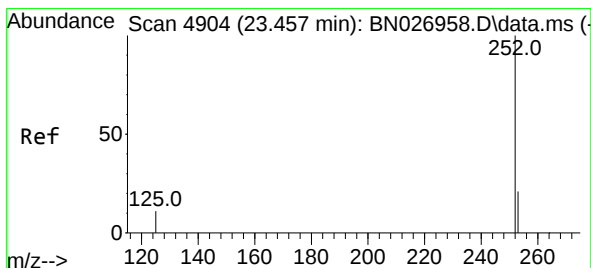
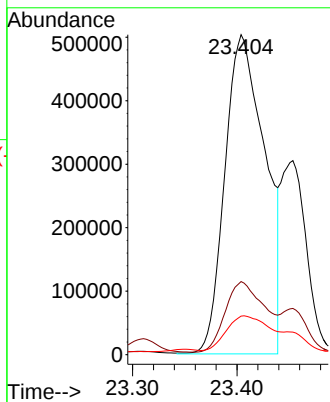
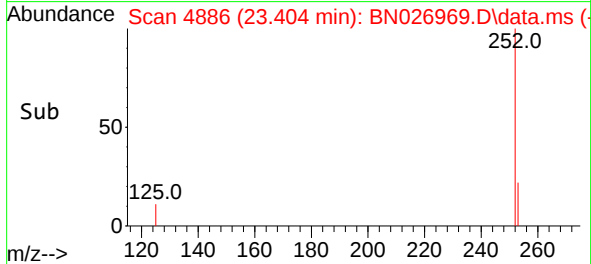
Instrument :
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Tgt Ion:252 Resp: 1342298
Ion Ratio Lower Upper
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253 22.9 0.0 46.8
125 12.1 0.0 25.2

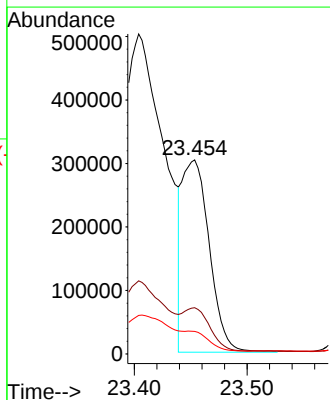
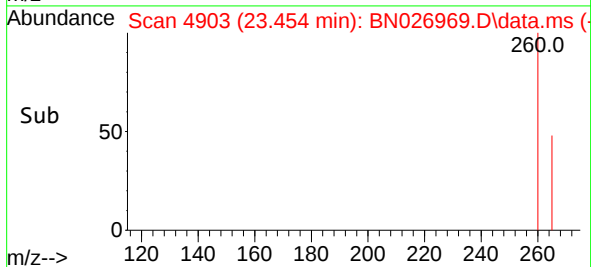
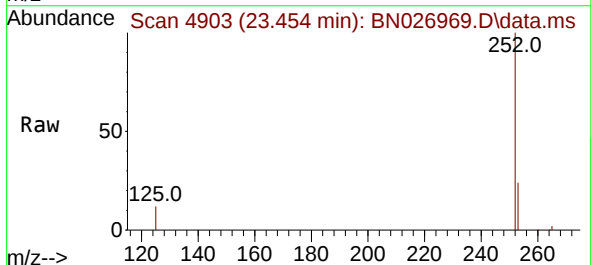
Manual Integrations
APPROVED

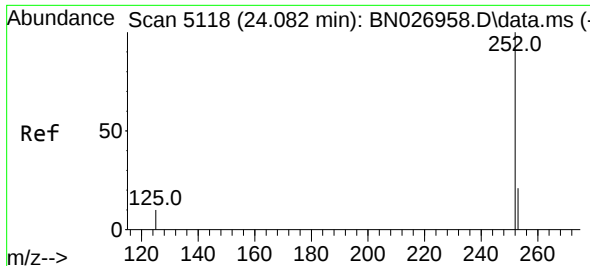
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#25
Benzo(k)fluoranthene
Concen: 4.328 ng/ul m
RT: 23.454 min Scan# 4903
Delta R.T. -0.006 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

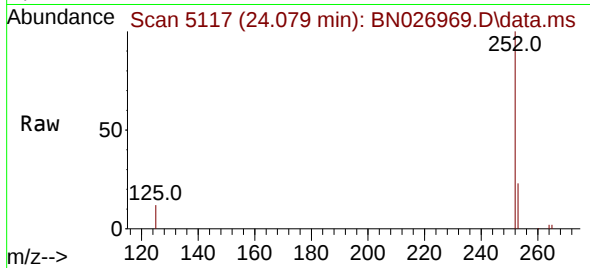
Tgt Ion:252 Resp: 508809
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.4
125 11.6 9.9 14.9





#26
Benzo(a)pyrene
Concen: 9.159 ng/ul
RT: 24.079 min Scan# 5118
Delta R.T. -0.006 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05

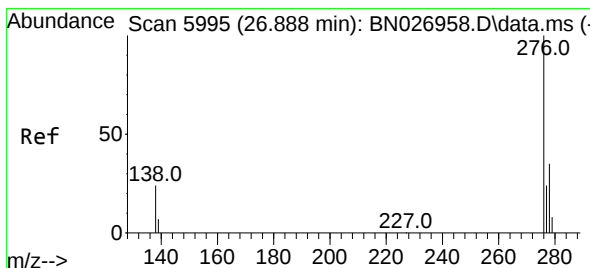
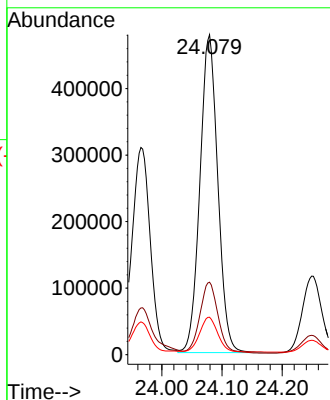
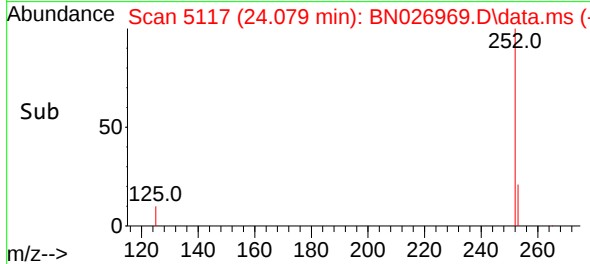
Instrument :
BNA_N
ClientSampleId :
A48L3



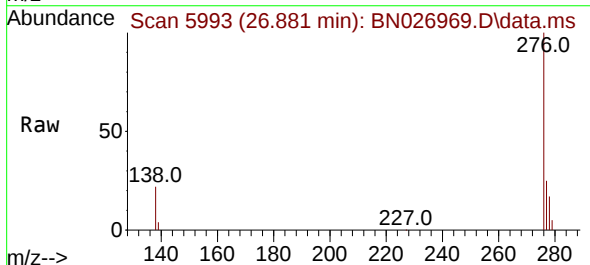
Tgt Ion:252 Resp: 984992
Ion Ratio Lower Upper
252 100
253 22.6 19.0 28.6
125 11.7 11.4 17.0

Manual Integrations
APPROVED

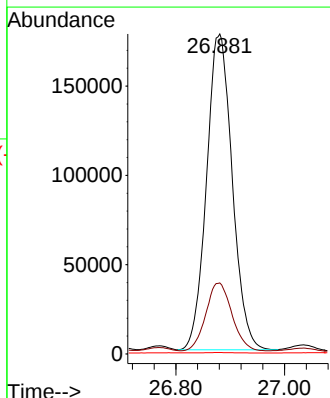
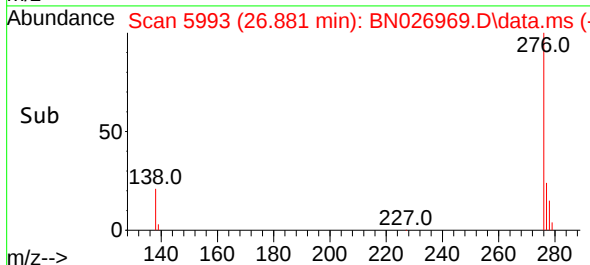
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

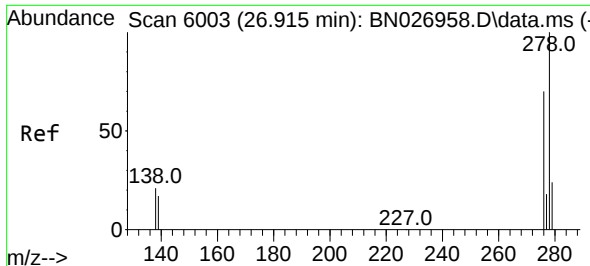


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.127 ng/ul
RT: 26.881 min Scan# 5993
Delta R.T. -0.004 min
Lab File: BN026969.D
Acq: 18 Aug 2023 21:05



Tgt Ion:276 Resp: 580609
Ion Ratio Lower Upper
276 100
138 21.7 21.6 32.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 1.232 ng/ul

RT: 26.898 min Scan# 5998

Delta R.T. -0.024 min

Lab File: BN026969.D

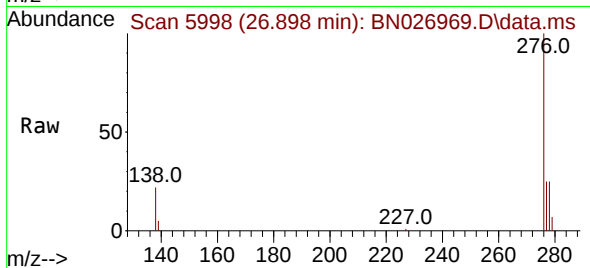
Acq: 18 Aug 2023 21:05

Instrument :

BNA_N

ClientSampleId :

A48L3



Tgt Ion:278 Resp: 13812

Ion Ratio Lower Upper

278 100

139 20.6 15.7 23.5

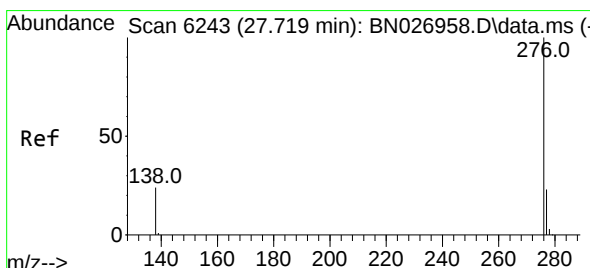
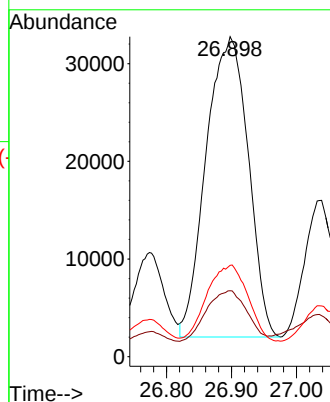
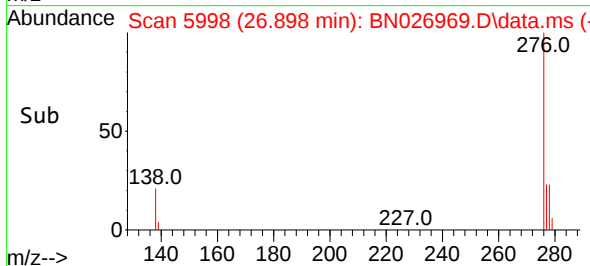
279 28.5 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#29

Benzo(g,h,i)perylene

Concen: 4.081 ng/ul

RT: 27.723 min Scan# 6244

Delta R.T. -0.001 min

Lab File: BN026969.D

Acq: 18 Aug 2023 21:05

Tgt Ion:276 Resp: 478079

Ion Ratio Lower Upper

276 100

138 23.2 19.3 28.9

277 24.3 19.8 29.8

