

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN026991.D
 Acq On : 21 Aug 2023 14:02
 Operator : MA/JU
 Sample : 03967-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48K2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 01:38:31 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	8217	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	27245	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	15262	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	37220	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	28000	0.400	ng/ul	0.00
23) Perylene-d12	24.187	264	28117	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	33634	3.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	6634	0.165	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	17117	0.194	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.982	128	3980	0.052	ng/ul#	92
7) 2-Methylnaphthalene	12.577	142	1282	0.027	ng/ul	100
10) Acenaphthylene	14.458	152	5629	0.066	ng/ul	95
11) Acenaphthene	14.791	153	1704	0.029	ng/ul	97
12) Fluorene	15.772	166	2420	0.036	ng/ul#	98
15) Phenanthrene	17.514	178	59186	0.484	ng/ul	100
16) Anthracene	17.607	178	12419	0.112	ng/ul	97
19) Fluoranthene	19.520	202	155283	1.335	ng/ul	99
20) Pyrene	19.887	202	143801m	1.159	ng/ul	
21) Benzo(a)anthracene	21.626	228	66663	0.599	ng/ul	98
22) Chrysene	21.682	228	80528	0.733	ng/ul	98
24) Benzo(b)fluoranthene	23.398	252	106192m	0.999	ng/ul	
25) Benzo(k)fluoranthene	23.445	252	36341m	0.346	ng/ul	
26) Benzo(a)pyrene	24.073	252	66752	0.696	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.871	276	43676	0.348	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.891	278	9967	0.100	ng/ul#	79
29) Benzo(g,h,i)perylene	27.706	276	45485	0.435	ng/ul	98

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

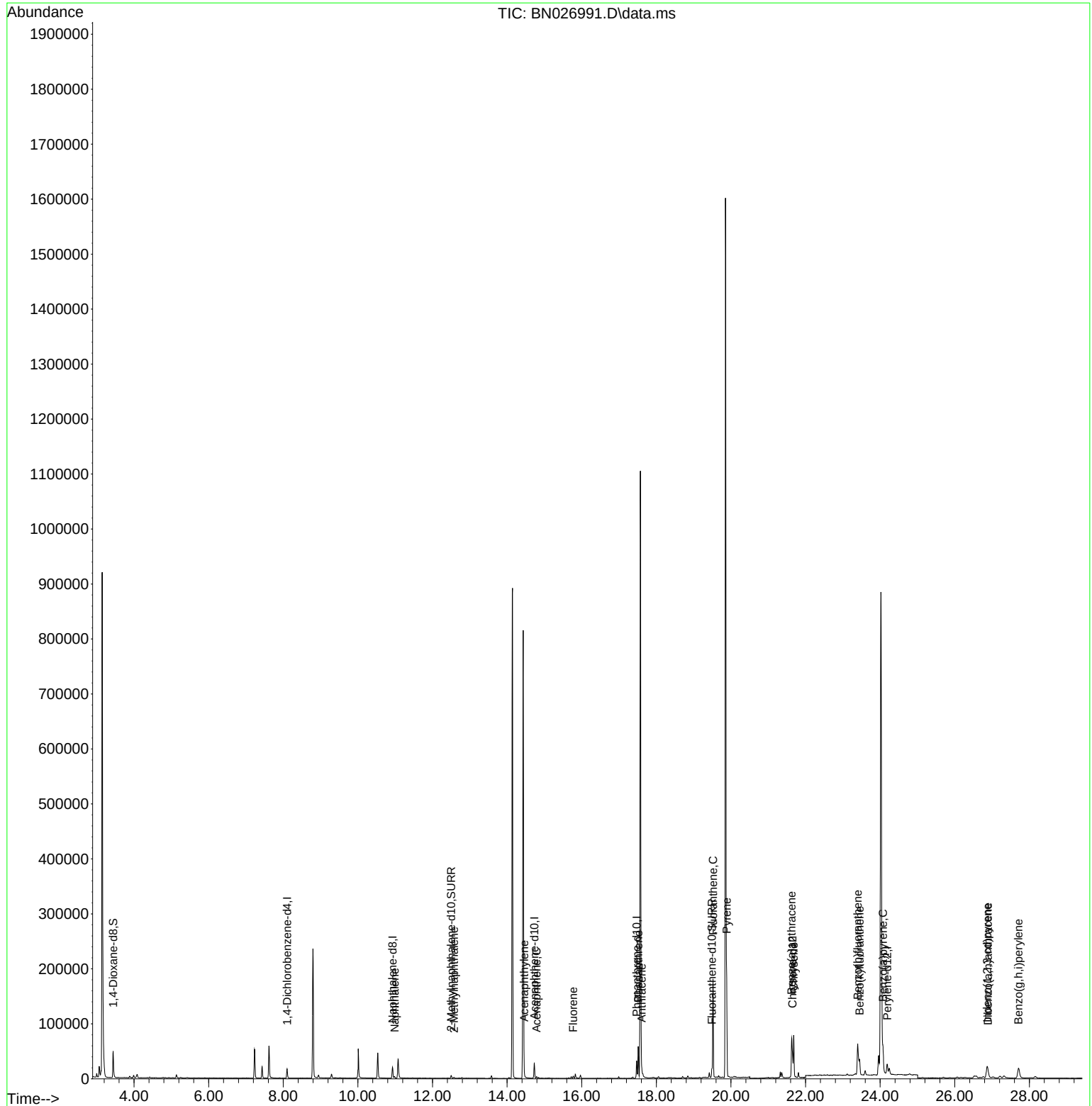
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN026991.D
Acq On : 21 Aug 2023 14:02
Operator : MA/JU
Sample : 03967-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

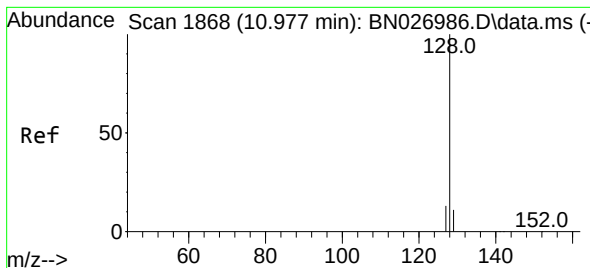
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#5

Naphthalene

Concen: 0.052 ng/ul

RT: 10.982 min Scan# 1869

Delta R.T. 0.000 min

Lab File: BN026991.D

Acq: 21 Aug 2023 14:02

Instrument :

BNA_N

ClientSampleId :

A48K2

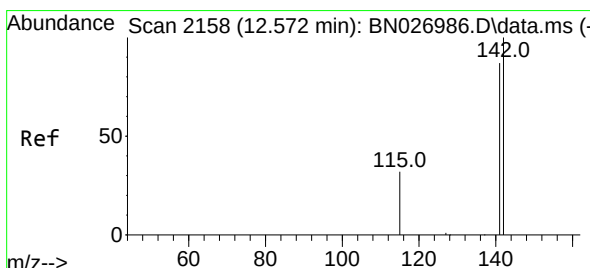
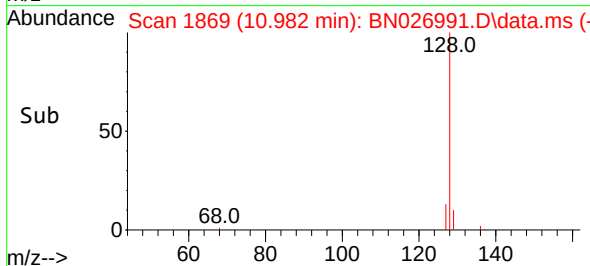
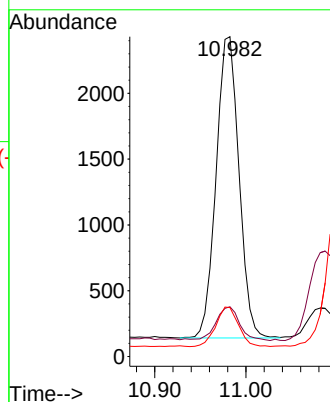
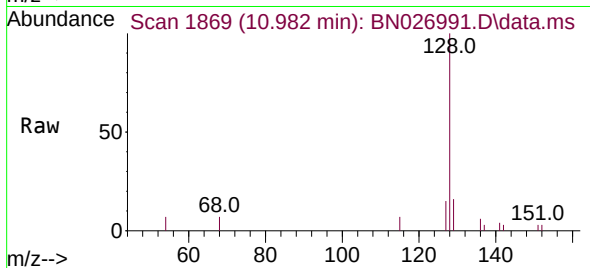
Tgt Ion:128	Resp:	3980
Ion Ratio	Lower	Upper
128	100	
129	15.6	9.2 13.8
127	15.3	10.5 15.7

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.027 ng/ul

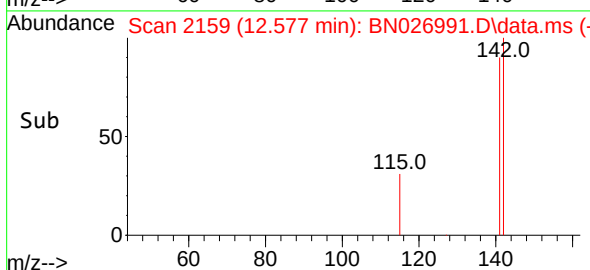
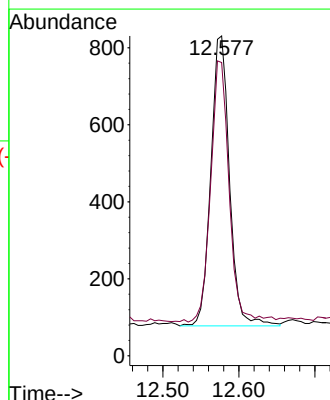
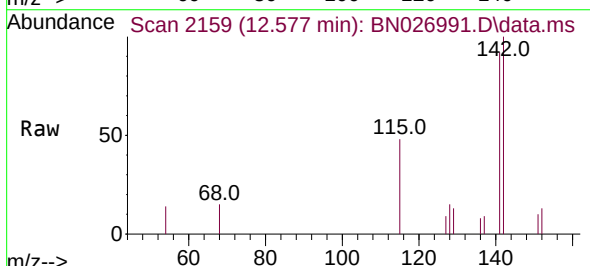
RT: 12.577 min Scan# 2159

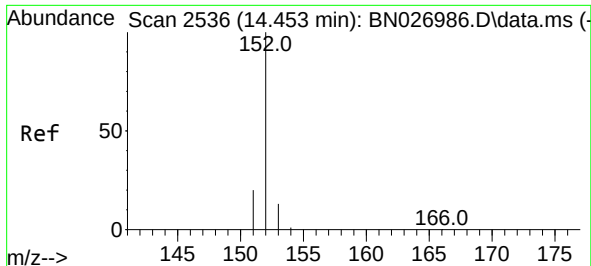
Delta R.T. 0.000 min

Lab File: BN026991.D

Acq: 21 Aug 2023 14:02

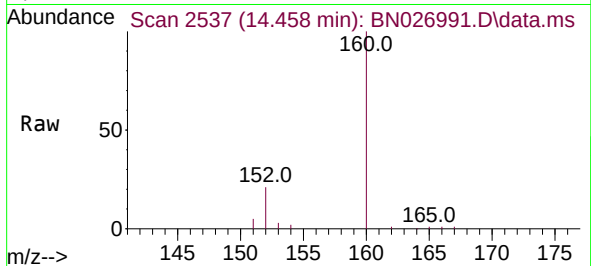
Tgt Ion:142	Resp:	1282
Ion Ratio	Lower	Upper
142	100	
141	88.6	70.9 106.3





#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. 0.000 min
Lab File: BN026991.D
Acq: 21 Aug 2023 14:02

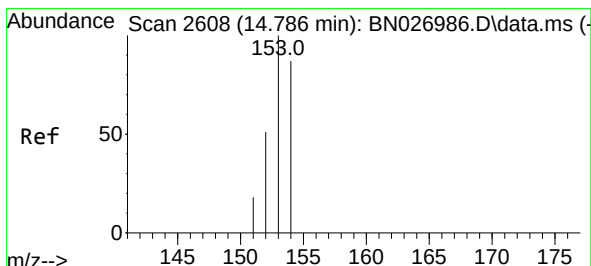
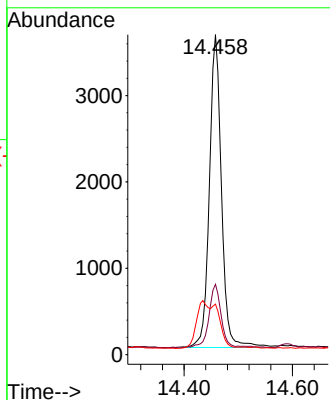
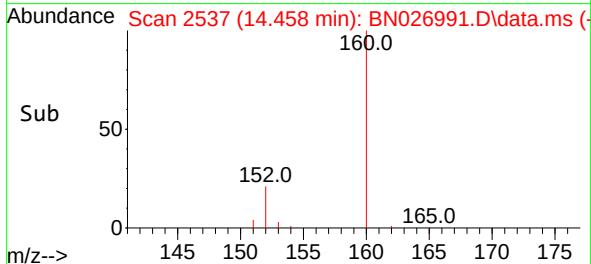
Instrument :
BNA_N
ClientSampleId :
A48K2



Tgt Ion:152 Resp: 5629
Ion Ratio Lower Upper
152 100
151 22.0 15.9 23.9
153 15.8 11.0 16.6

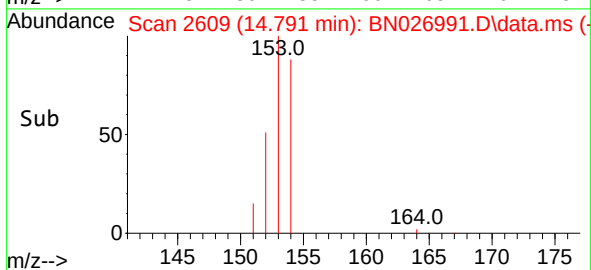
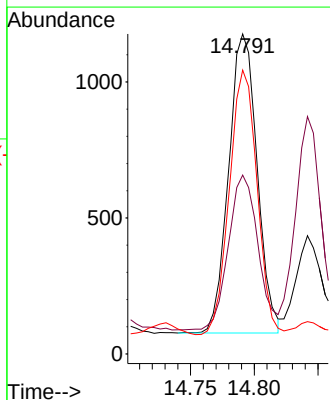
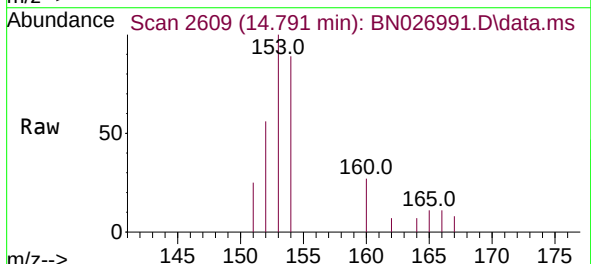
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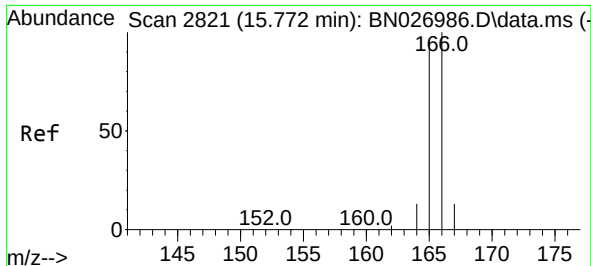
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. 0.000 min
Lab File: BN026991.D
Acq: 21 Aug 2023 14:02

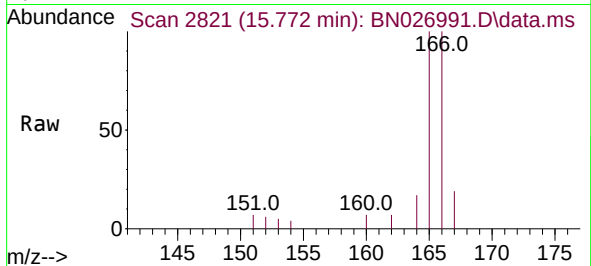
Tgt Ion:153 Resp: 1704
Ion Ratio Lower Upper
153 100
152 55.9 41.1 61.7
154 88.7 71.6 107.4





#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.772 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BN026991.D
Acq: 21 Aug 2023 14:02

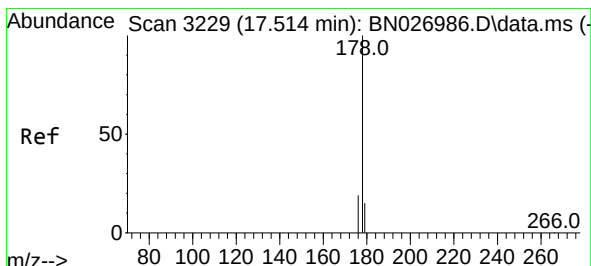
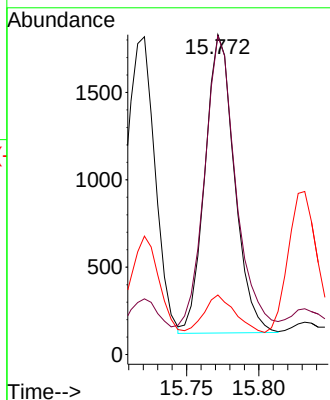
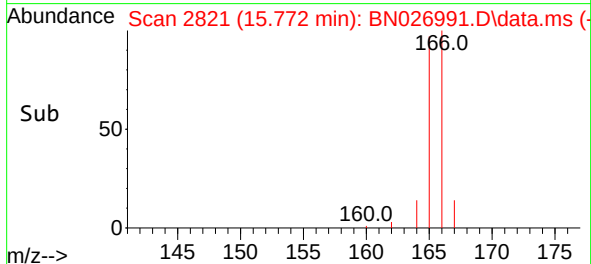
Instrument :
BNA_N
ClientSampleId :
A48K2



Tgt Ion:166 Resp: 2420
Ion Ratio Lower Upper
166 100
165 99.6 79.1 118.7
167 18.6 11.4 17.0

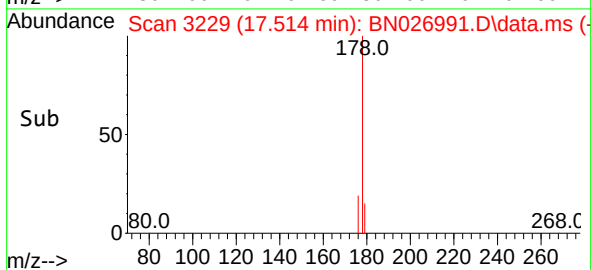
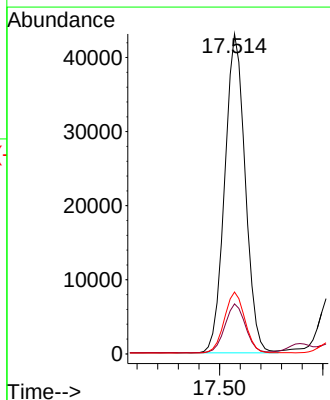
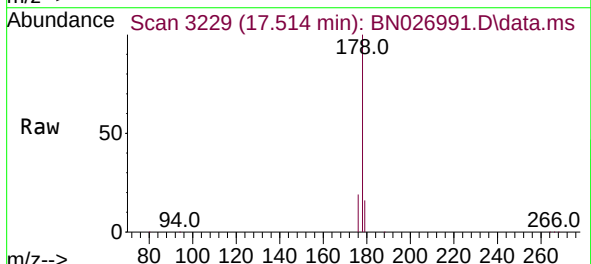
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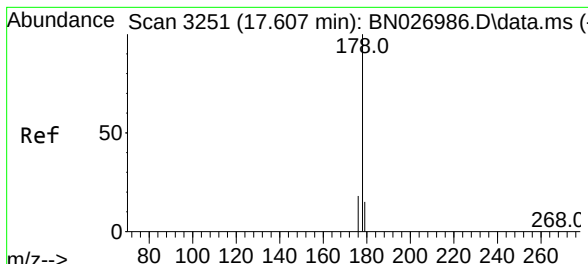
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#15
Phenanthrene
Concen: 0.484 ng/ul
RT: 17.514 min Scan# 3229
Delta R.T. -0.005 min
Lab File: BN026991.D
Acq: 21 Aug 2023 14:02

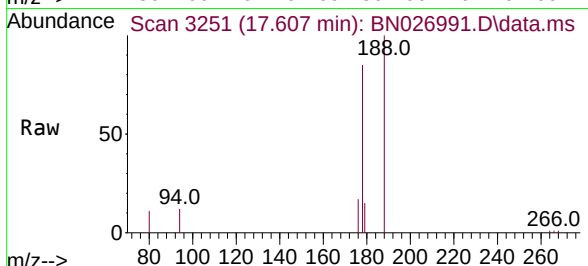
Tgt Ion:178 Resp: 59186
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.3 15.4 23.2





#16
 Anthracene
 Concen: 0.112 ng/ul
 RT: 17.607 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: BN026991.D
 Acq: 21 Aug 2023 14:02

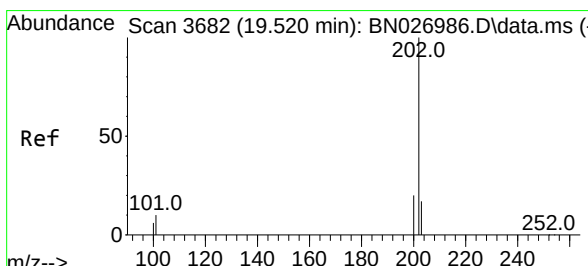
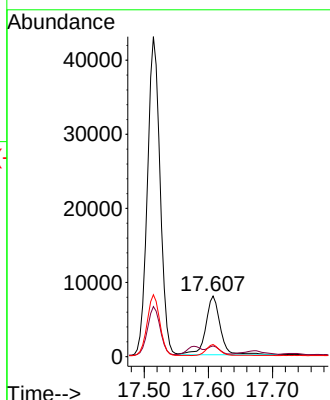
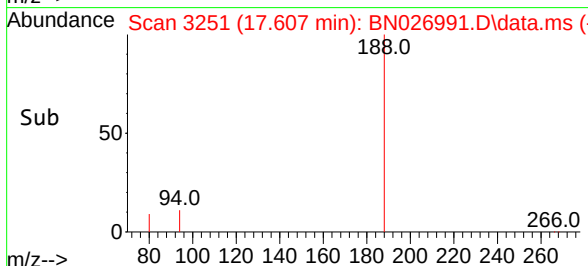
Instrument :
 BNA_N
 ClientSampleId :
 A48K2



Tgt Ion:	178	Resp:	12419
Ion Ratio	Lower	Upper	
178	100		
179	17.6	12.6	19.0
176	19.9	15.0	22.6

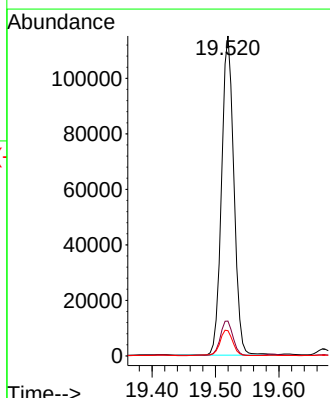
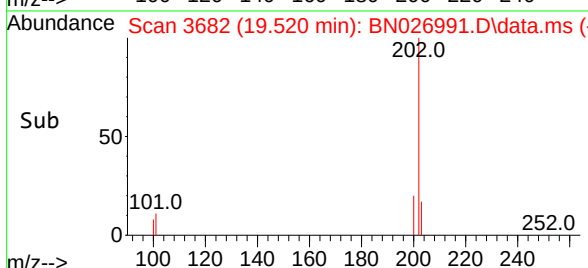
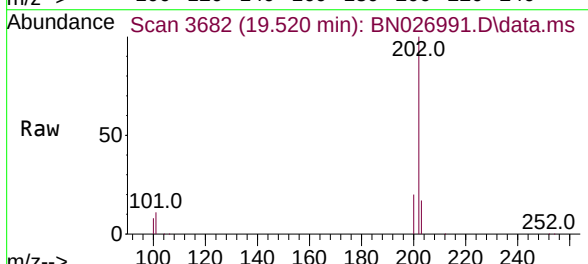
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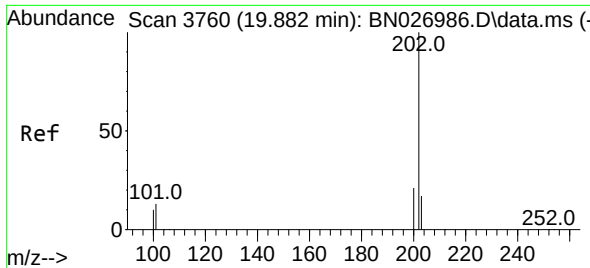
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



#19
 Fluoranthene
 Concen: 1.335 ng/ul
 RT: 19.520 min Scan# 3682
 Delta R.T. -0.005 min
 Lab File: BN026991.D
 Acq: 21 Aug 2023 14:02

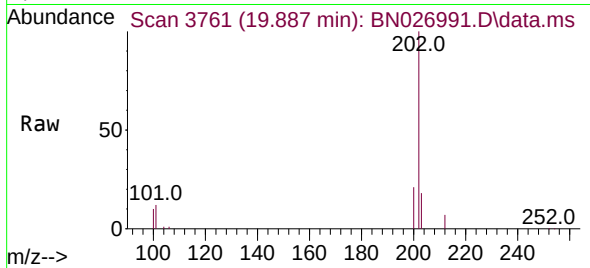
Tgt Ion:	202	Resp:	155283
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.3	12.5
100	7.9	6.2	9.2





#20
Pyrene
Concen: 1.159 ng/ul m
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN026991.D
Acq: 21 Aug 2023 14:02

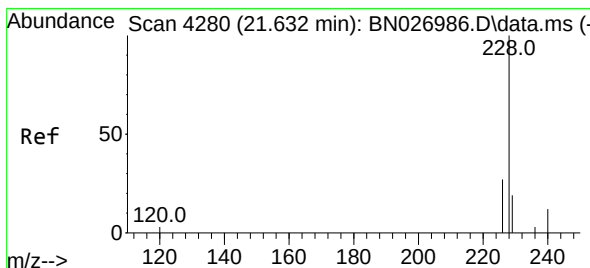
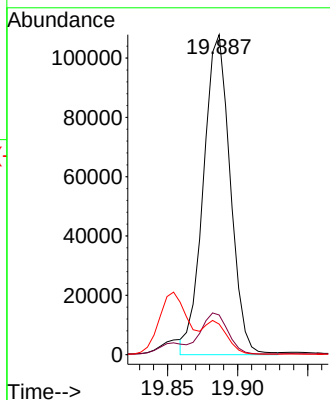
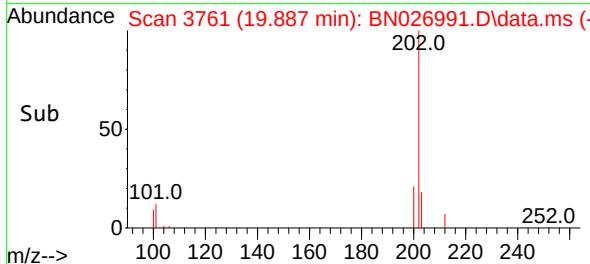
Instrument :
BNA_N
ClientSampleId :
A48K2



Tgt Ion:202 Resp: 14380
Ion Ratio Lower Upper
202 100
101 12.4 10.7 16.1
100 9.5 8.5 12.7

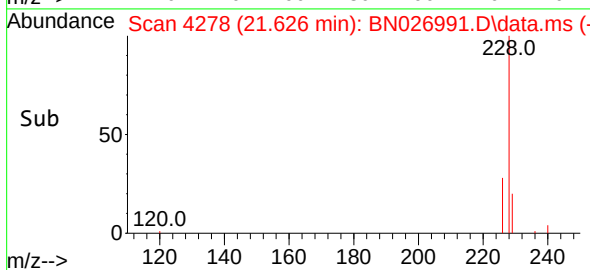
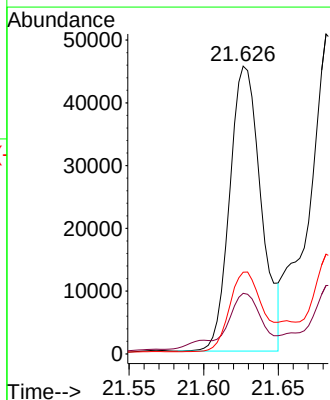
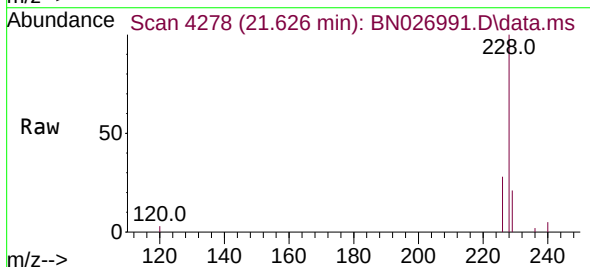
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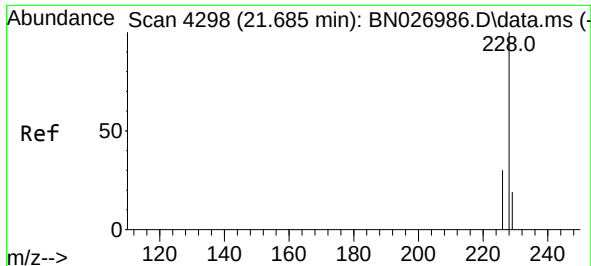
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#21
Benzo(a)anthracene
Concen: 0.599 ng/ul
RT: 21.626 min Scan# 4278
Delta R.T. -0.006 min
Lab File: BN026991.D
Acq: 21 Aug 2023 14:02

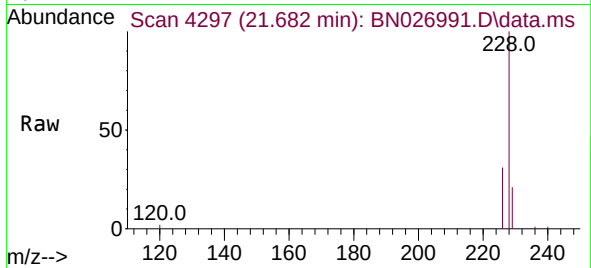
Tgt Ion:228 Resp: 66663
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 28.4 22.2 33.2





#22
Chrysene
Concen: 0.733 ng/ul
RT: 21.682 min Scan# 4297
Delta R.T. -0.009 min
Lab File: BN026991.D
Acq: 21 Aug 2023 14:02

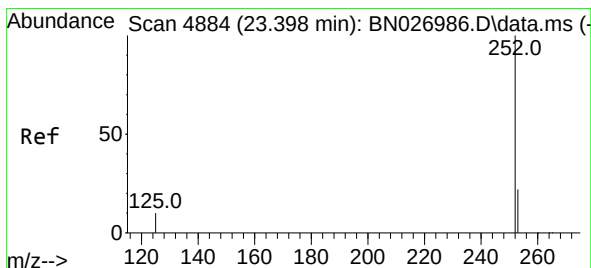
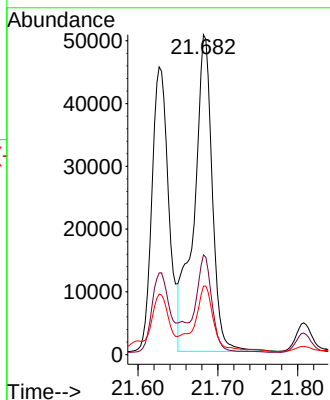
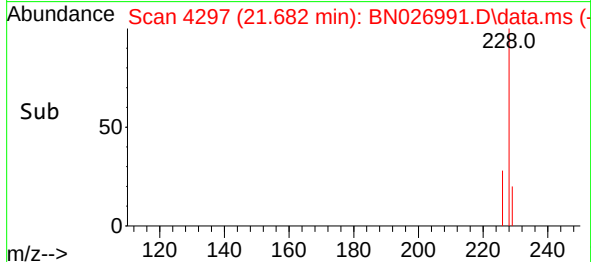
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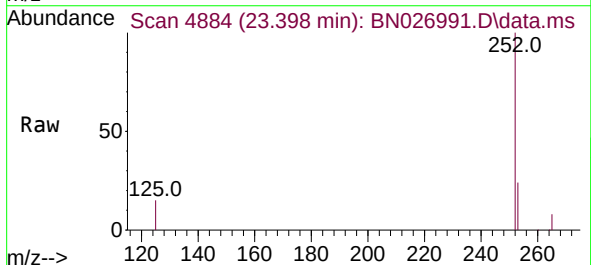
Tgt Ion:228 Resp: 80528
Ion Ratio Lower Upper
228 100
226 31.2 24.6 36.8
229 21.4 15.8 23.6

Manual Integrations
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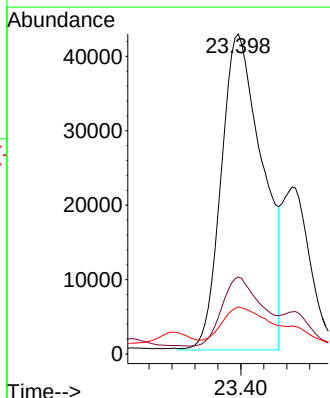
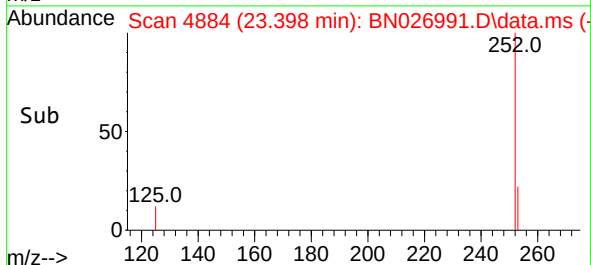
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

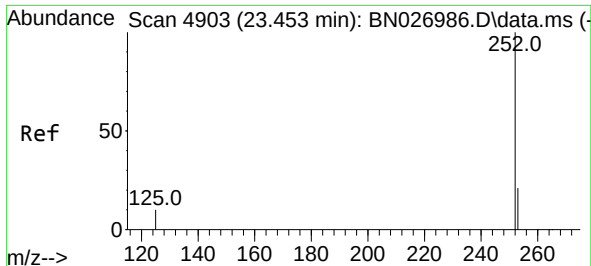


#24
Benzo(b)fluoranthene
Concen: 0.999 ng/ul m
RT: 23.398 min Scan# 4884
Delta R.T. -0.009 min
Lab File: BN026991.D
Acq: 21 Aug 2023 14:02



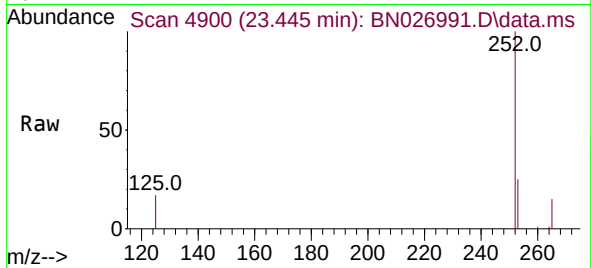
Tgt Ion:252 Resp: 106192
Ion Ratio Lower Upper
252 100
253 24.0 0.0 46.8
125 14.6 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.346 ng/ul m
RT: 23.445 min Scan# 4903
Delta R.T. -0.015 min
Lab File: BN026991.D
Acq: 21 Aug 2023 14:02

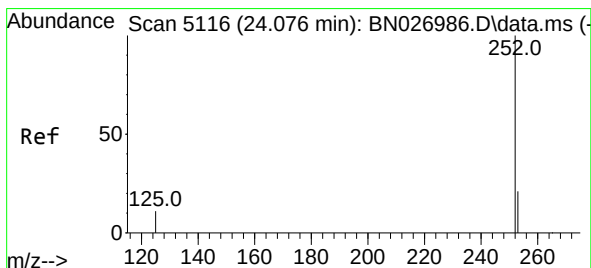
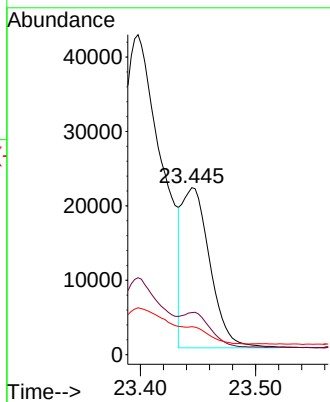
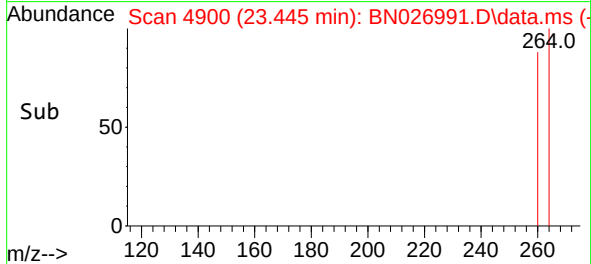
Instrument :
BNA_N
ClientSampleId :
A48K2



Tgt Ion:252 Resp: 3634
Ion Ratio Lower Upper
252 100
253 25.2 18.2 27.4
125 16.7 9.9 14.9

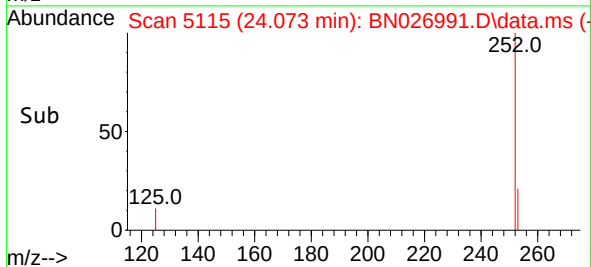
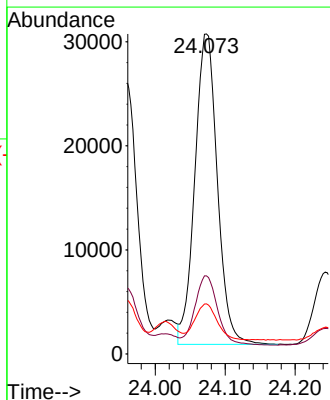
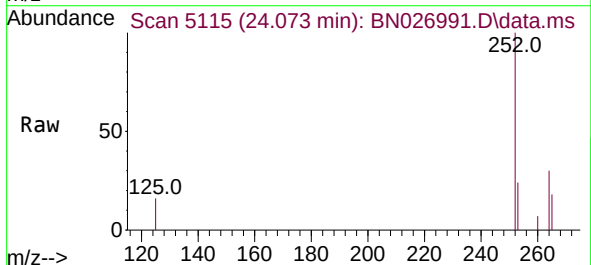
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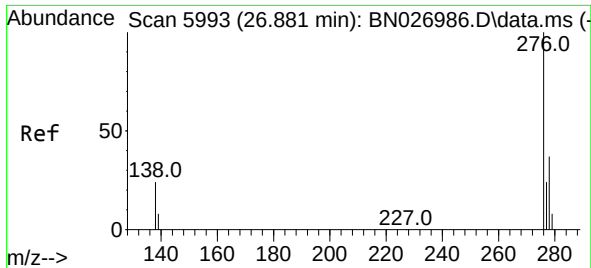
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#26
Benzo(a)pyrene
Concen: 0.696 ng/ul
RT: 24.073 min Scan# 5115
Delta R.T. -0.012 min
Lab File: BN026991.D
Acq: 21 Aug 2023 14:02

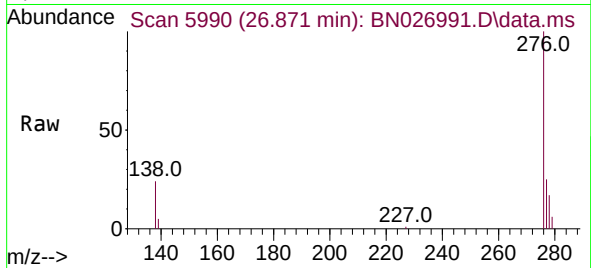
Tgt Ion:252 Resp: 66752
Ion Ratio Lower Upper
252 100
253 24.4 19.0 28.6
125 15.6 11.4 17.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng/ul
RT: 26.871 min Scan# 5993
Delta R.T. -0.014 min
Lab File: BN026991.D
Acq: 21 Aug 2023 14:02

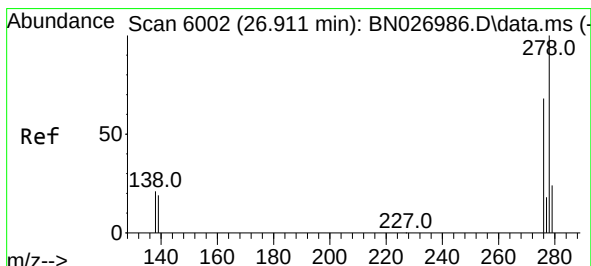
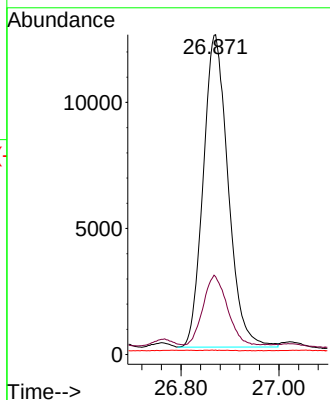
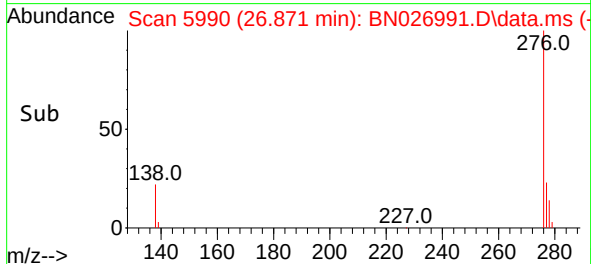
Instrument :
BNA_N
ClientSampleId :
A48K2



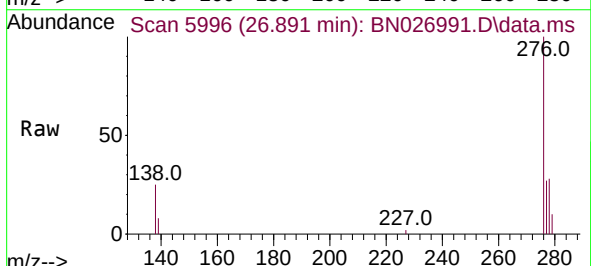
Tgt Ion:276 Resp: 43676
Ion Ratio Lower Upper
276 100
138 22.6 21.6 32.4
227 0.1 0.0 0.0

Manual Integrations
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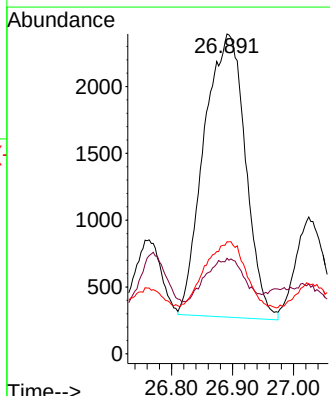
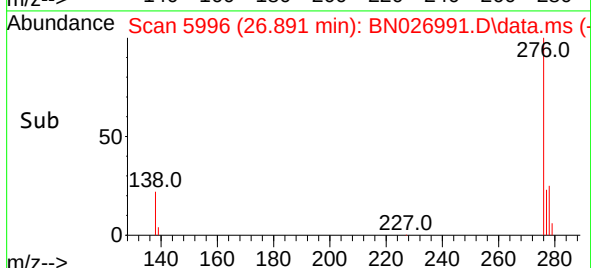
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

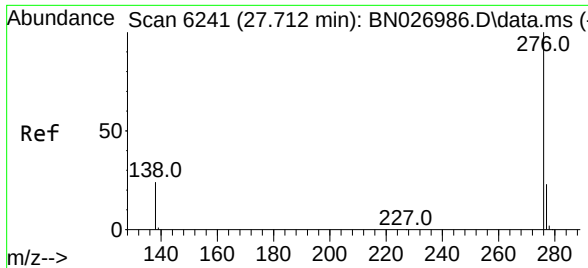


#28
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul
RT: 26.891 min Scan# 5996
Delta R.T. -0.031 min
Lab File: BN026991.D
Acq: 21 Aug 2023 14:02



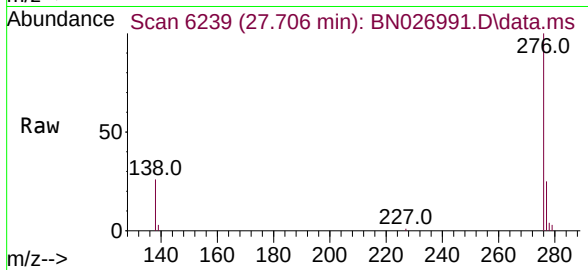
Tgt Ion:278 Resp: 9967
Ion Ratio Lower Upper
278 100
139 29.9 15.7 23.5#
279 35.0 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.435 ng/ul
 RT: 27.706 min Scan# 61
 Delta R.T. -0.017 min
 Lab File: BN026991.D
 Acq: 21 Aug 2023 14:02

Instrument :
 BNA_N
 ClientSampleId :
 A48K2



Tgt Ion:	276	Resp:	45485
Ion Ratio	Lower	Upper	
276	100		
138	25.6	19.3	28.9
277	25.3	19.8	29.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

