

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN026988.D
 Acq On : 21 Aug 2023 12:10
 Operator : MA/JU
 Sample : 03965-12DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48K1DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 01:37:59 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	6336	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	19467	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	11971	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	26858	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	20212	0.400	ng/ul	0.00
23) Perylene-d12	24.187	264	17170	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5428	0.722	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1323	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	3329	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	1701	0.031	ng/ul#	84
7) 2-Methylnaphthalene	12.577	142	1033	0.031	ng/ul	98
8) 1-Methylnaphthalene	12.792	142	940	0.027	ng/ul	99
10) Acenaphthylene	14.458	152	3561	0.053	ng/ul	94
11) Acenaphthene	14.791	153	1402	0.030	ng/ul	98
12) Fluorene	15.772	166	1856	0.035	ng/ul#	98
15) Phenanthrene	17.514	178	30269	0.343	ng/ul	100
16) Anthracene	17.607	178	7522	0.094	ng/ul	96
19) Fluoranthene	19.520	202	78557	0.936	ng/ul	99
20) Pyrene	19.882	202	74604m	0.833	ng/ul	
21) Benzo(a)anthracene	21.629	228	33313	0.414	ng/ul	99
22) Chrysene	21.685	228	38483	0.485	ng/ul	98
24) Benzo(b)fluoranthene	23.398	252	46232m	0.712	ng/ul	
25) Benzo(k)fluoranthene	23.448	252	18360m	0.287	ng/ul	
26) Benzo(a)pyrene	24.070	252	28238	0.482	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.871	276	18518	0.242	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.897	278	4664	0.076	ng/ul#	71
29) Benzo(g,h,i)perylene	27.712	276	17448	0.273	ng/ul	97

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

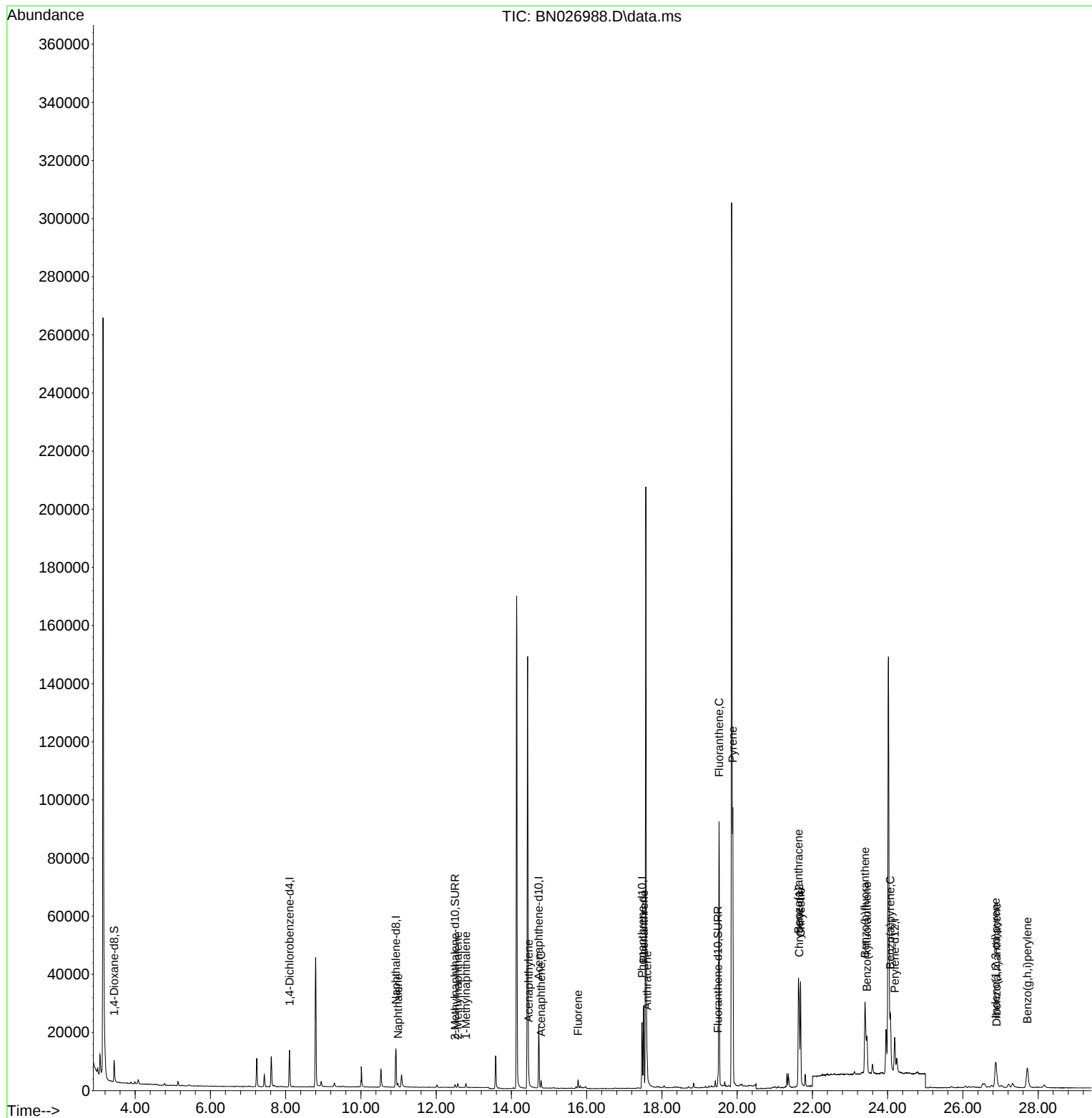
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN026988.D
Acq On : 21 Aug 2023 12:10
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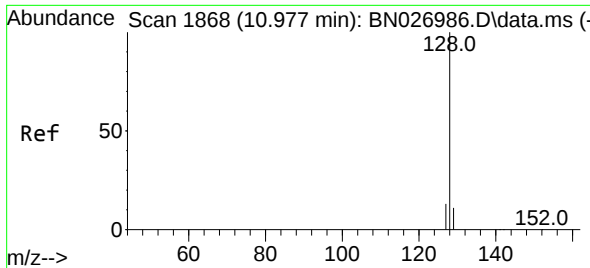
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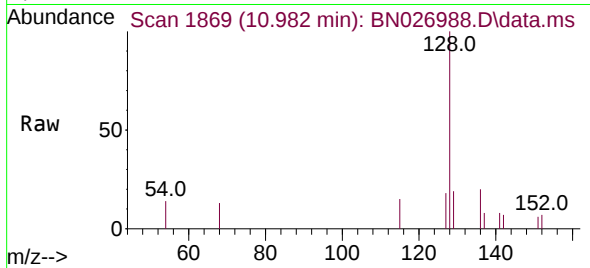
Quant Time: Aug 22 01:37:59 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10

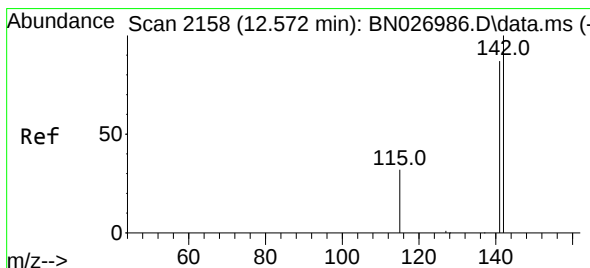
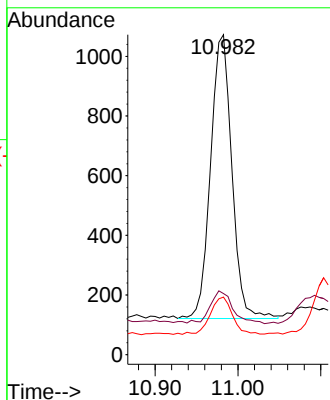
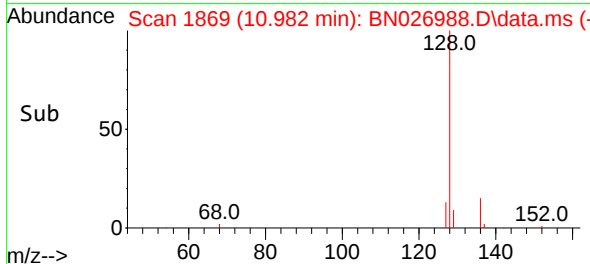
Instrument :
BNA_N
ClientSampleId :
A48K1DL



Tgt Ion:128 Resp: 1701
Ion Ratio Lower Upper
128 100
129 19.1 9.2 13.8
127 18.0 10.5 15.7

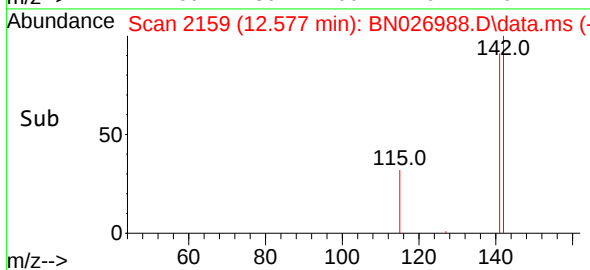
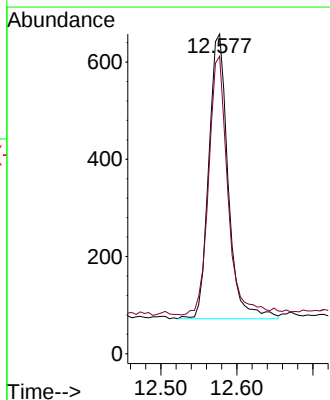
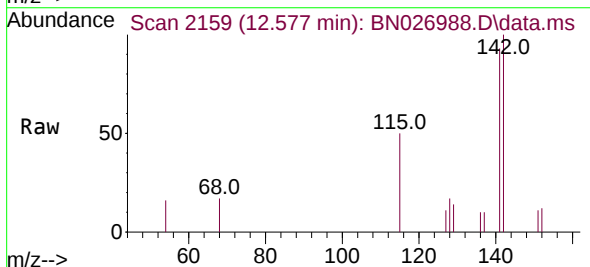
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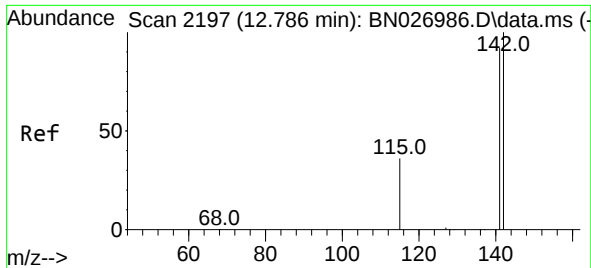
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10

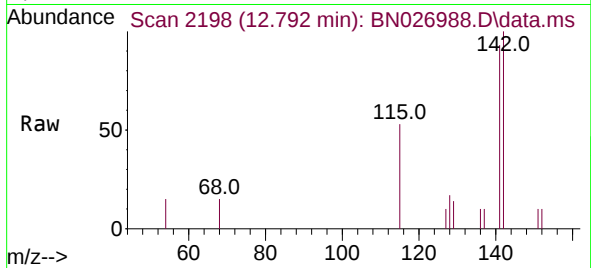
Tgt Ion:142 Resp: 1033
Ion Ratio Lower Upper
142 100
141 90.2 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.792 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10

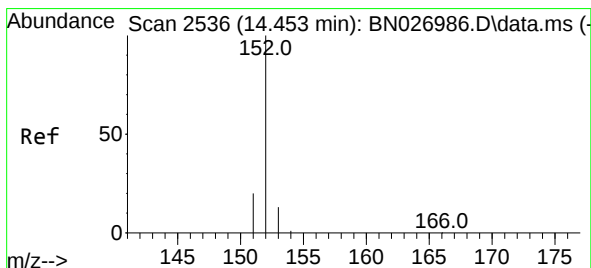
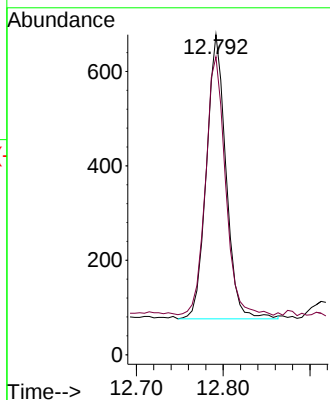
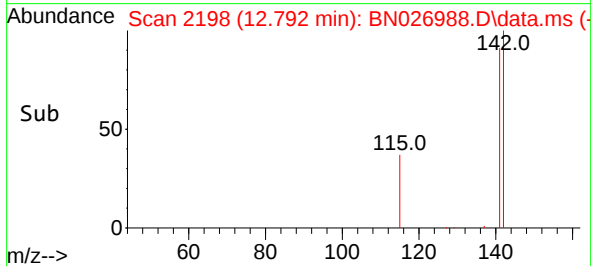
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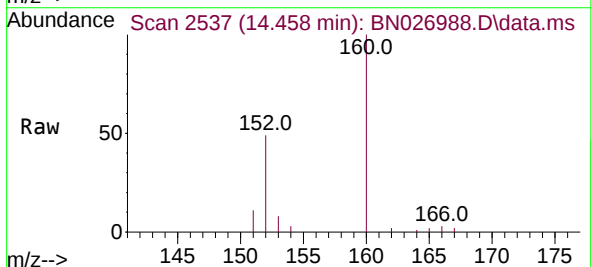
Tgt Ion:142 Resp: 940
Ion Ratio Lower Upper
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141 92.7 73.2 109.8

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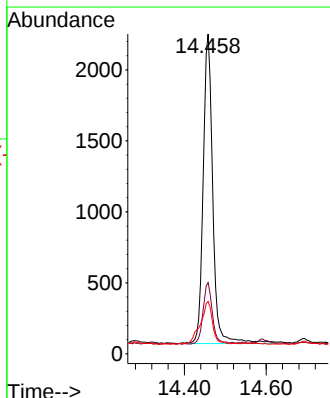
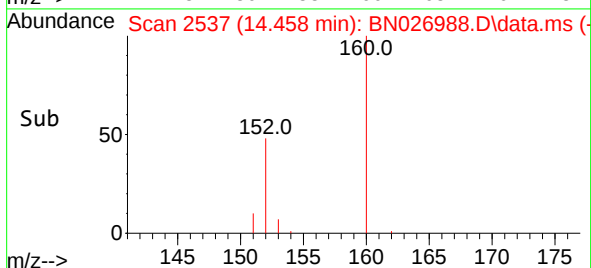
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Supervised By :mohammad ahmed 08/22/2023

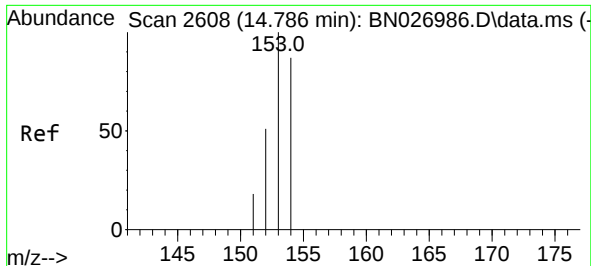


#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. 0.000 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10



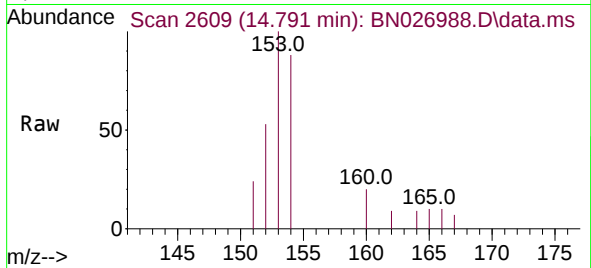
Tgt Ion:152 Resp: 3561
Ion Ratio Lower Upper
152 100
151 22.3 15.9 23.9
153 16.4 11.0 16.6





#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. 0.000 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10

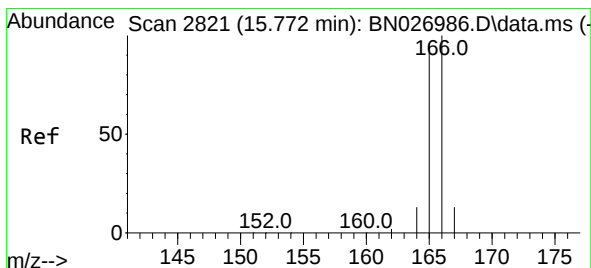
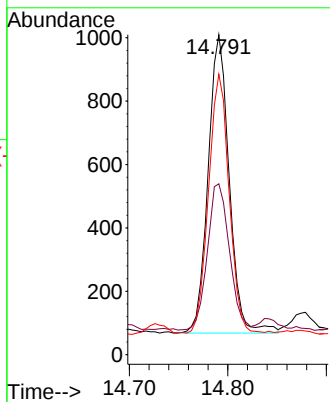
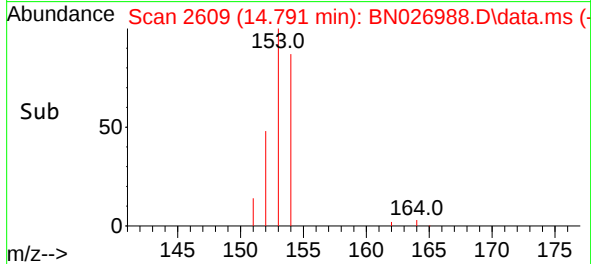
Instrument :
BNA_N
ClientSampleId :
A48K1DL



Tgt Ion:153 Resp: 1402
Ion Ratio Lower Upper
153 100
152 53.4 41.1 61.7
154 87.6 71.6 107.4

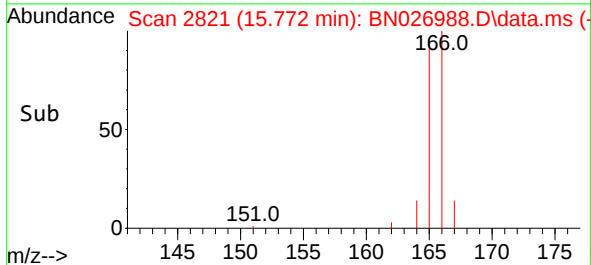
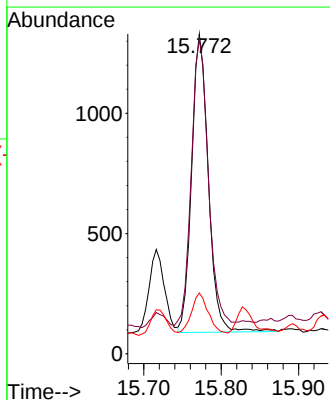
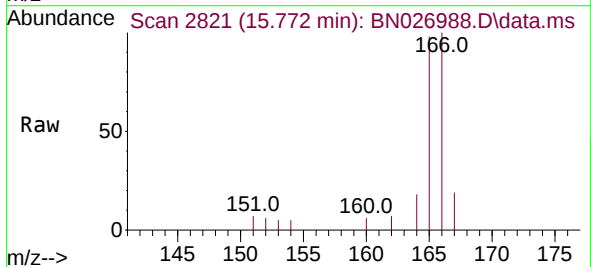
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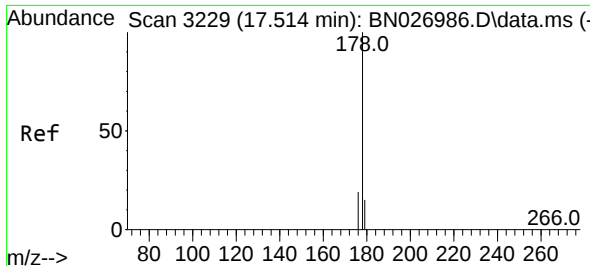
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.772 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10

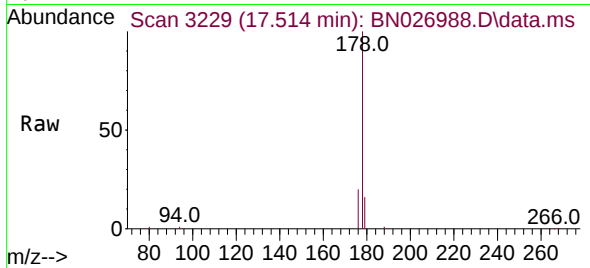
Tgt Ion:166 Resp: 1856
Ion Ratio Lower Upper
166 100
165 98.3 79.1 118.7
167 19.0 11.4 17.0#





#15
Phenanthrene
Concen: 0.343 ng/ul
RT: 17.514 min Scan# 3229
Delta R.T. -0.005 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10

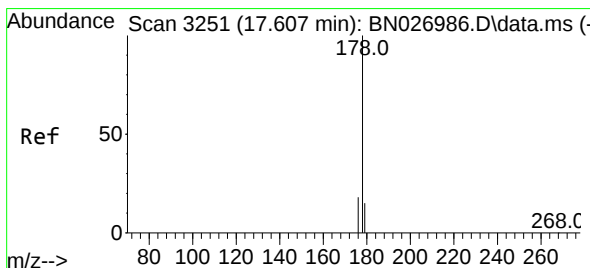
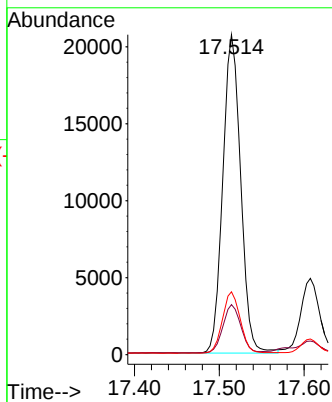
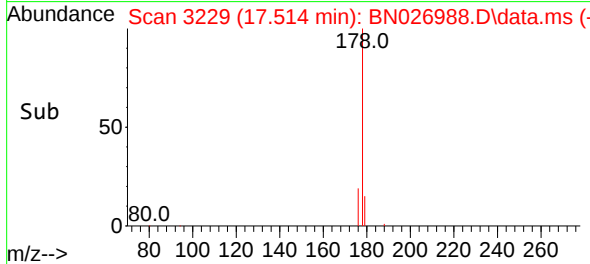
Instrument :
BNA_N
ClientSampleId :
A48K1DL



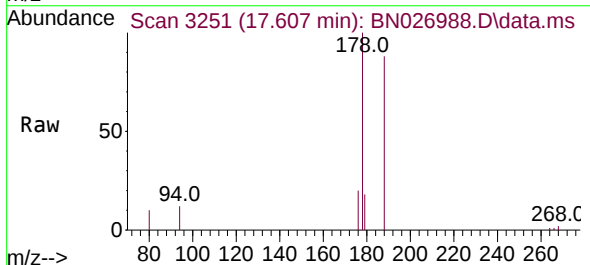
Tgt Ion:178 Resp: 30269
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.6 15.4 23.2

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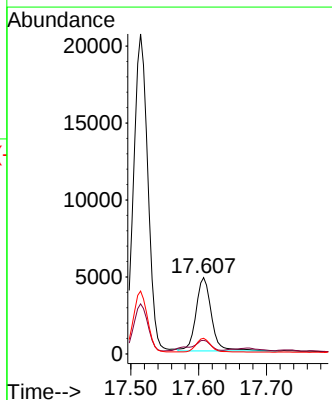
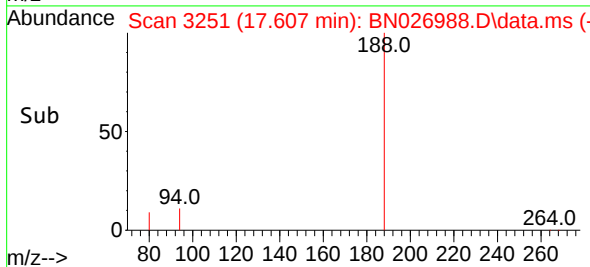
Reviewed By :Yogesh Patel 08/22/2023
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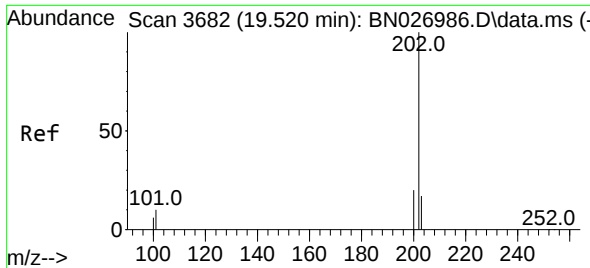


#16
Anthracene
Concen: 0.094 ng/ul
RT: 17.607 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10



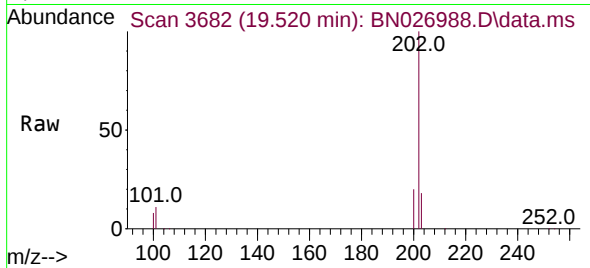
Tgt Ion:178 Resp: 7522
Ion Ratio Lower Upper
178 100
179 17.8 12.6 19.0
176 20.4 15.0 22.6





#19
Fluoranthene
Concen: 0.936 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10

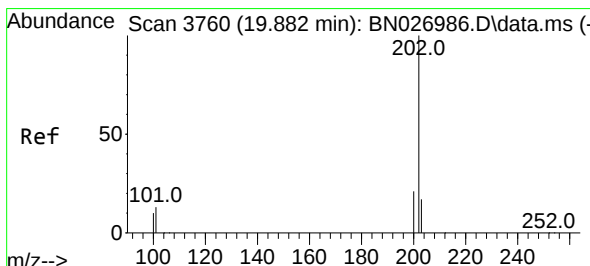
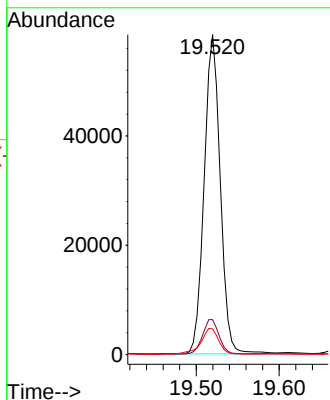
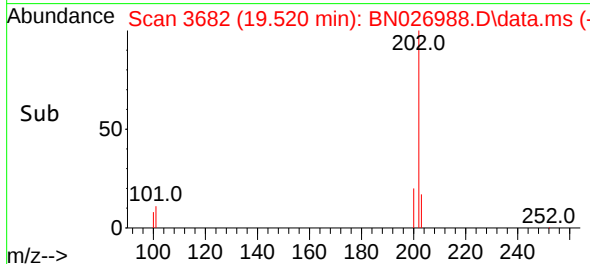
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A48K1DL



Tgt Ion:202 Resp: 7855
Ion Ratio Lower Upper
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101 10.9 8.3 12.5
100 8.0 6.2 9.2

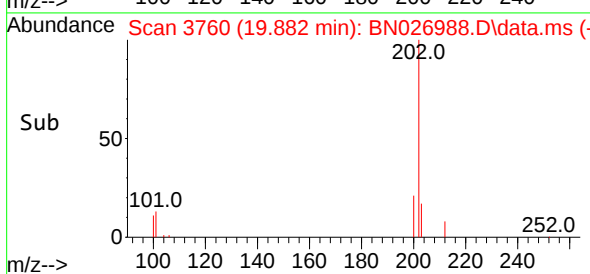
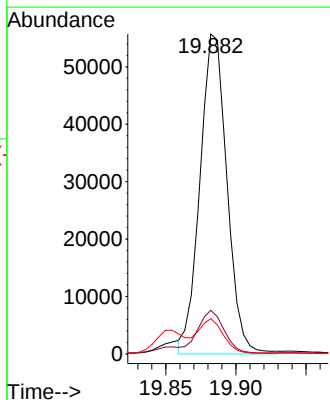
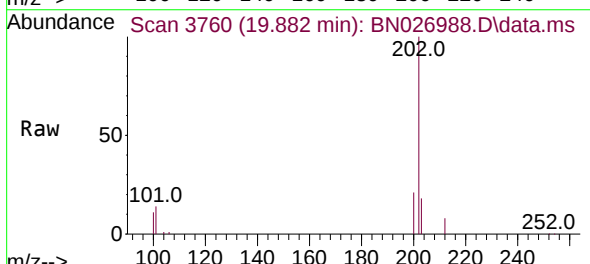
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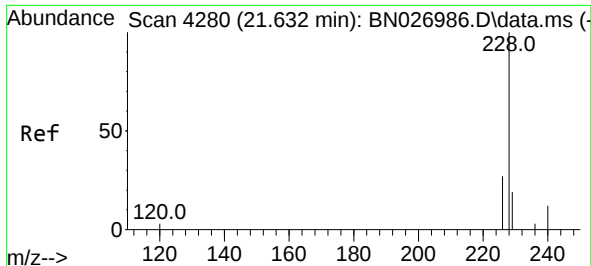
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#20
Pyrene
Concen: 0.833 ng/ul m
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10

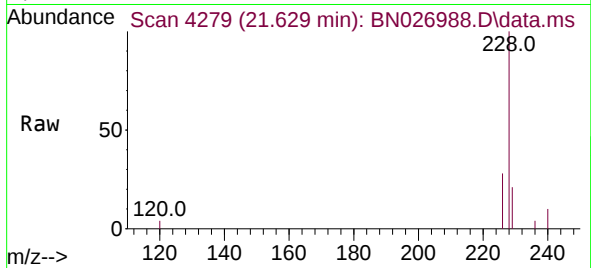
Tgt Ion:202 Resp: 74604
Ion Ratio Lower Upper
202 100
101 13.6 10.7 16.1
100 11.0 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.629 min Scan# 4279
Delta R.T. -0.003 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10

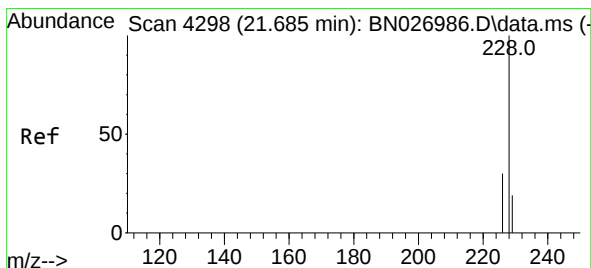
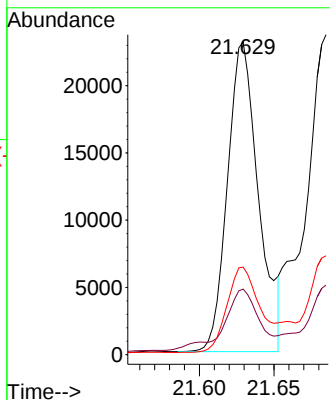
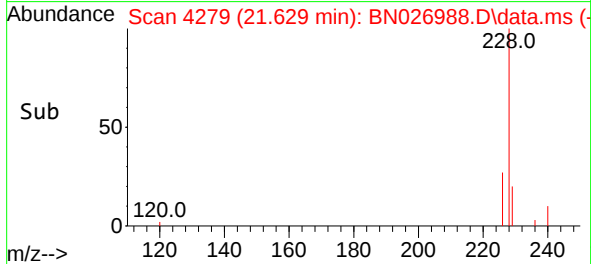
Instrument :
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A48K1DL



Tgt Ion:228 Resp: 33313
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 28.0 22.2 33.2

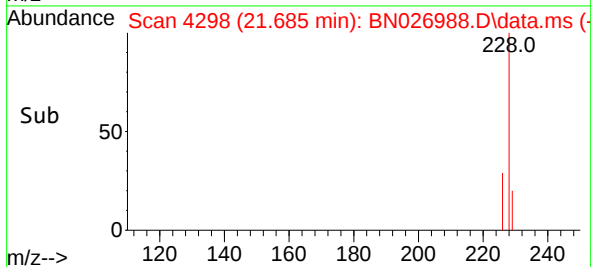
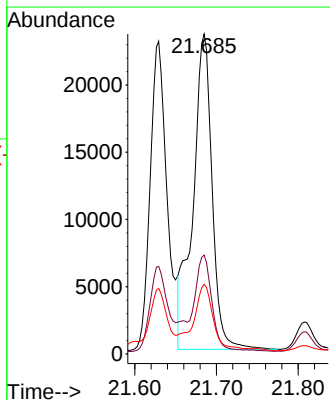
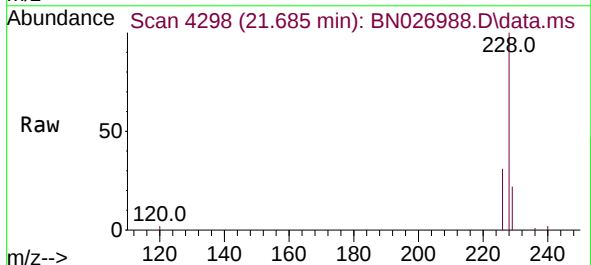
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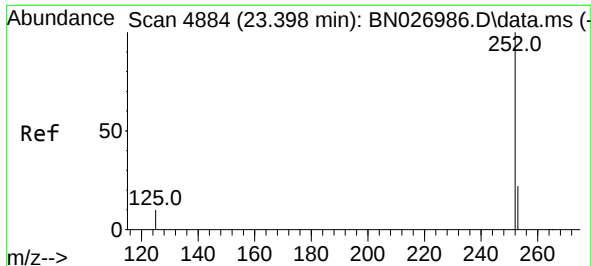
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#22
Chrysene
Concen: 0.485 ng/ul
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10

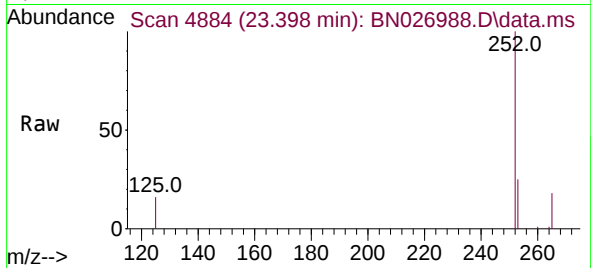
Tgt Ion:228 Resp: 38483
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 21.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.712 ng/ul m
RT: 23.398 min Scan# 4884
Delta R.T. -0.009 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10

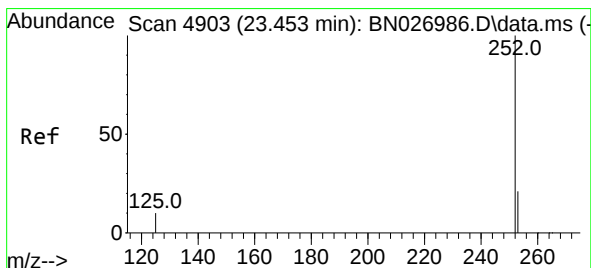
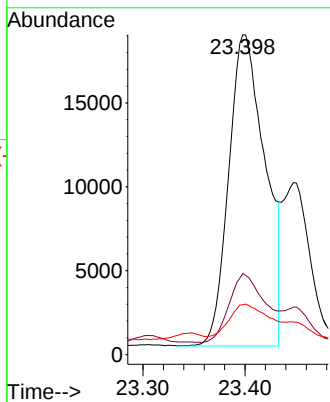
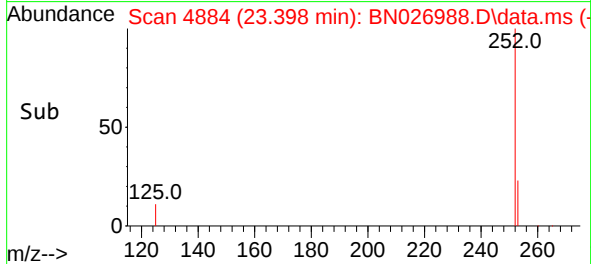
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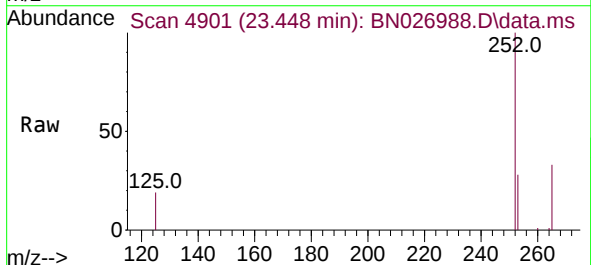
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Ion Ratio Lower Upper
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253 25.4 0.0 46.8
125 15.6 0.0 25.2

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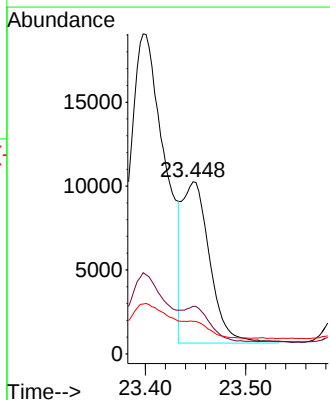
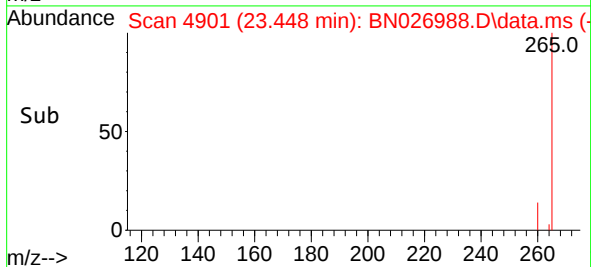
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

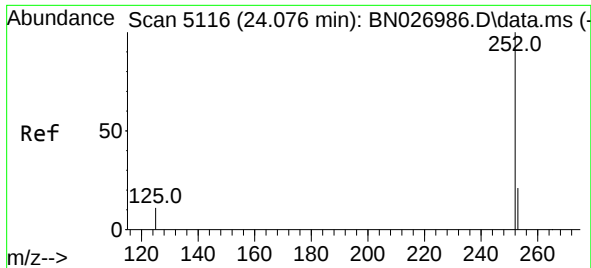


#25
Benzo(k)fluoranthene
Concen: 0.287 ng/ul m
RT: 23.448 min Scan# 4901
Delta R.T. -0.012 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10



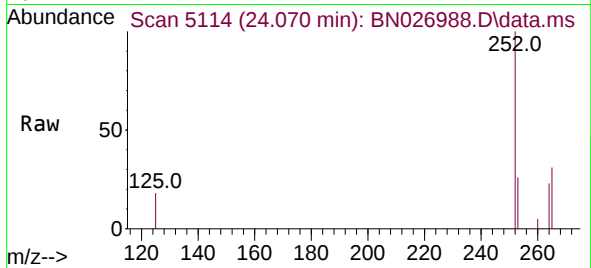
Tgt Ion:252 Resp: 18360
Ion Ratio Lower Upper
252 100
253 27.7 18.2 27.4#
125 18.9 9.9 14.9#





#26
Benzo(a)pyrene
Concen: 0.482 ng/ul
RT: 24.070 min Scan# 5116
Delta R.T. -0.015 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10

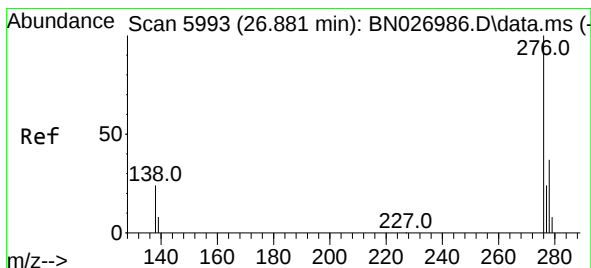
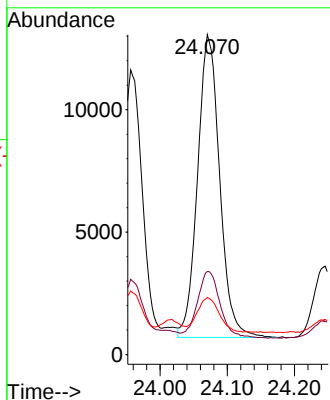
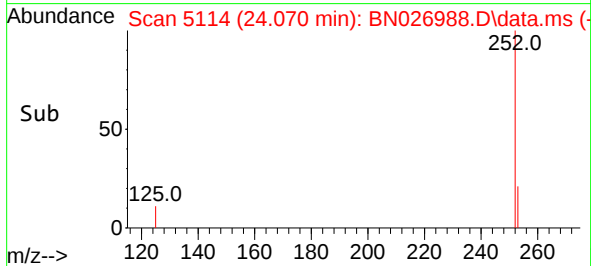
Instrument :
BNA_N
ClientSampleId :
A48K1DL



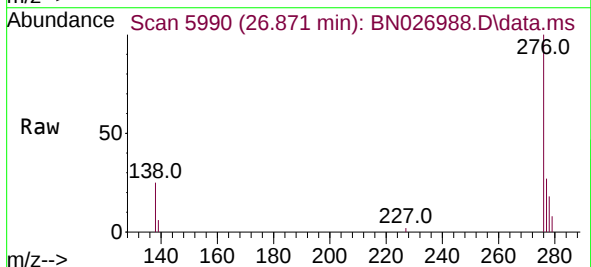
Tgt Ion:252 Resp: 28238
Ion Ratio Lower Upper
252 100
253 26.0 19.0 28.6
125 17.8 11.4 17.0

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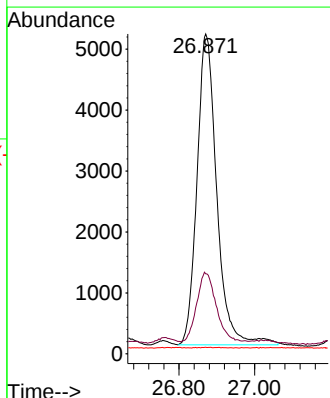
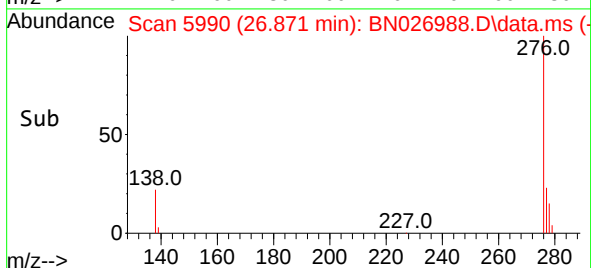
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

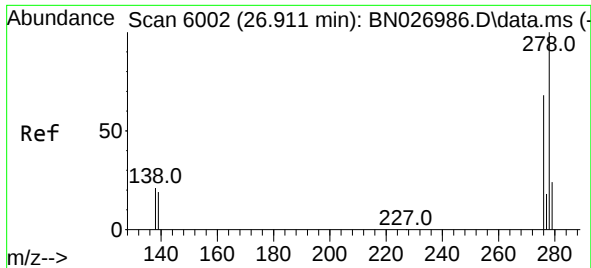


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.242 ng/ul
RT: 26.871 min Scan# 5990
Delta R.T. -0.014 min
Lab File: BN026988.D
Acq: 21 Aug 2023 12:10



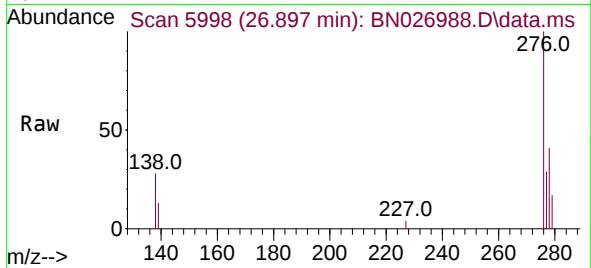
Tgt Ion:276 Resp: 18518
Ion Ratio Lower Upper
276 100
138 23.2 21.6 32.4
227 0.1 0.0 0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.076 ng/ul
 RT: 26.897 min Scan# 5998
 Delta R.T. -0.024 min
 Lab File: BN026988.D
 Acq: 21 Aug 2023 12:10

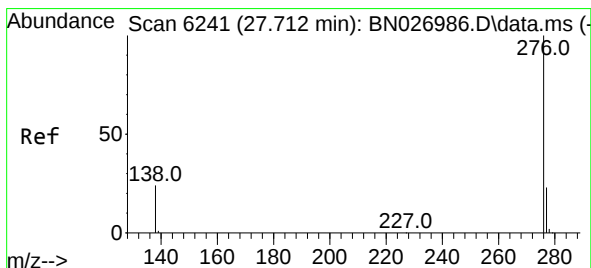
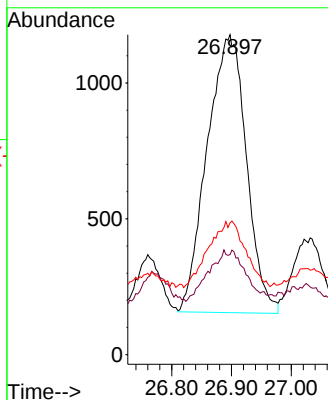
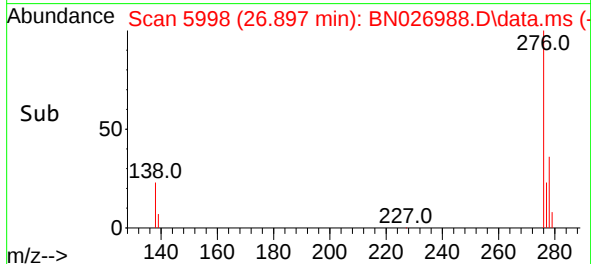
Instrument :
 BNA_N
 ClientSampleId :
 A48K1DL



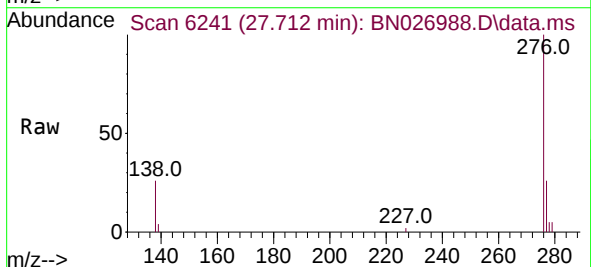
Tgt Ion:278 Resp: 4664
 Ion Ratio Lower Upper
 278 100
 139 31.2 15.7 23.5
 279 41.2 20.2 30.4

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



#29
 Benzo(g,h,i)perylene
 Concen: 0.273 ng/ul
 RT: 27.712 min Scan# 6241
 Delta R.T. -0.011 min
 Lab File: BN026988.D
 Acq: 21 Aug 2023 12:10



Tgt Ion:276 Resp: 17448
 Ion Ratio Lower Upper
 276 100
 138 26.0 19.3 28.9
 277 25.9 19.8 29.8

