

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032796.D
 Acq On : 18 Jul 2024 01:42
 Operator : MA/JU
 Sample : P3177-03DL 5X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BS1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 02:17:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	4389	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.315	136	13207	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.192	164	7078	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.956	188	13294	0.400	ng/ul	0.00
17) Chrysene-d12	21.166	240	12631	0.400	ng/ul	# 0.00
23) Perylene-d12	23.364	264	14392m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	3930	0.746	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	984	0.049	ng/ul	-0.01
18) Fluoranthene-d10	18.998	212	1880	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	751	0.021	ng/ul#	68
10) Acenaphthylene	13.910	152	1753	0.061	ng/ul#	83
11) Acenaphthene	14.257	153	553	0.023	ng/ul	96
12) Fluorene	15.256	166	702	0.026	ng/ul#	90
15) Phenanthrene	16.994	178	10553	0.291	ng/ul	98
16) Anthracene	17.091	178	2895	0.098	ng/ul#	87
19) Fluoranthene	19.026	202	21311	0.415	ng/ul	99
20) Pyrene	19.393	202	21334	0.401	ng/ul	98
21) Benzo(a)anthracene	21.149	228	12847	0.320	ng/ul#	89
22) Chrysene	21.204	228	10622	0.183	ng/ul#	90
24) Benzo(b)fluoranthene	22.706	252	16755m	0.330	ng/ul	
25) Benzo(k)fluoranthene	22.744	252	5551m	0.090	ng/ul	
26) Benzo(a)pyrene	23.265	252	11546	0.263	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.581	276	8533	0.143	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.568	278	2056	0.045	ng/ul#	1
29) Benzo(g,h,i)perylene	26.259	276	8799	0.177	ng/ul#	76

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

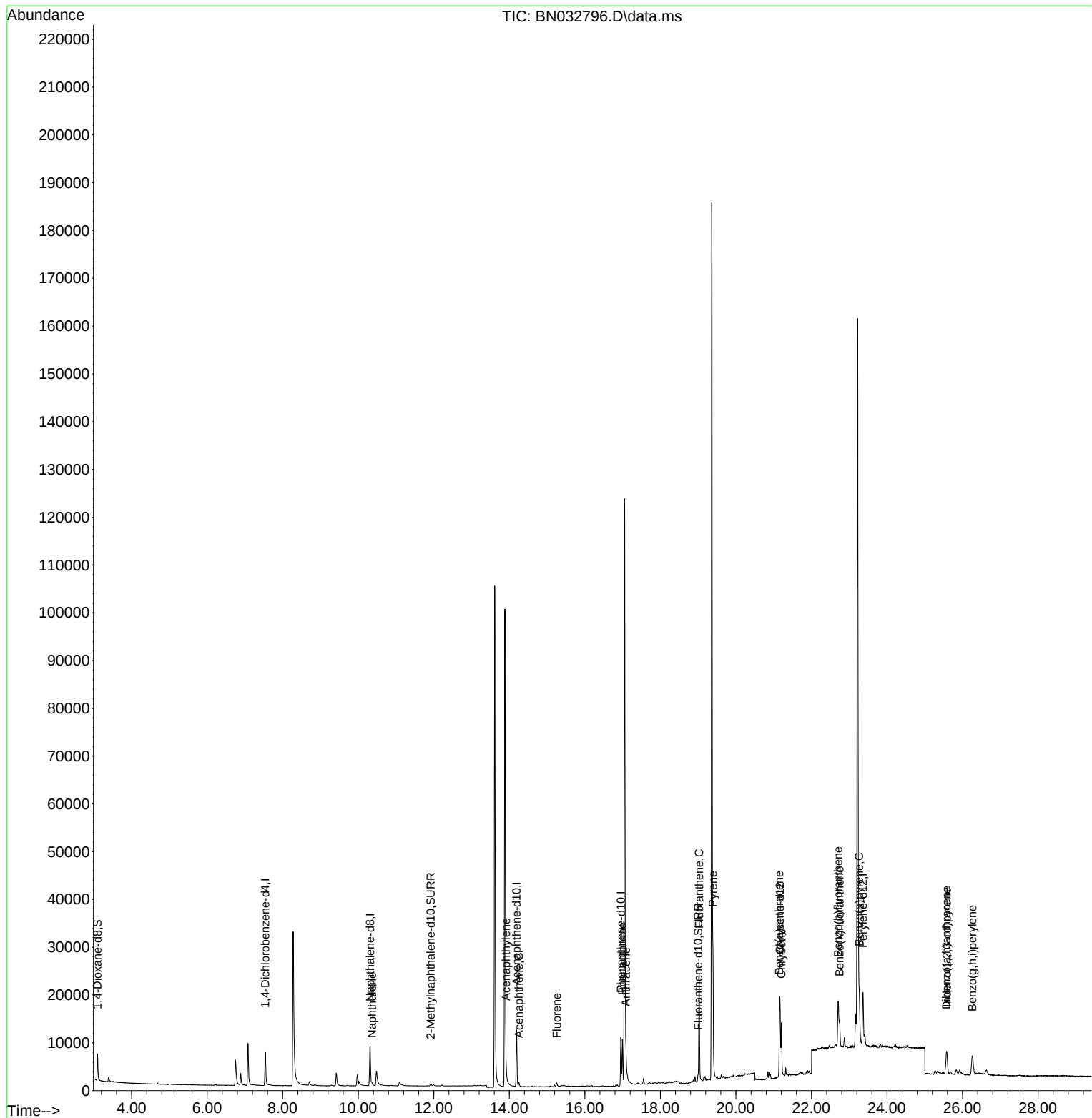
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032796.D
Acq On : 18 Jul 2024 01:42
Operator : MA/JU
Sample : P3177-03DL 5X
Misc :
ALS Vial : 68 Sample Multiplier: 1

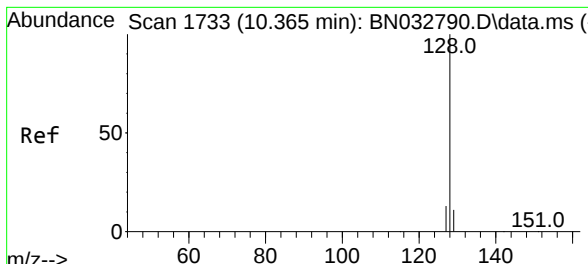
Instrument :
BNA_N
ClientSampleId :
A4BS1DL

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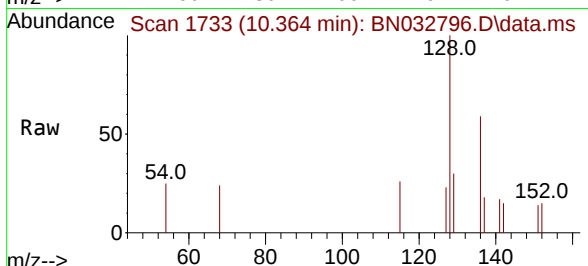
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.364 min Scan# 1733
Delta R.T. -0.007 min
Lab File: BN032796.D
Acq: 18 Jul 2024 01:42

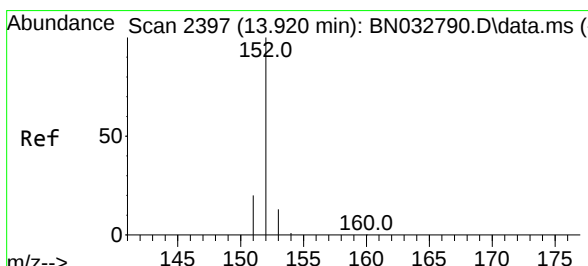
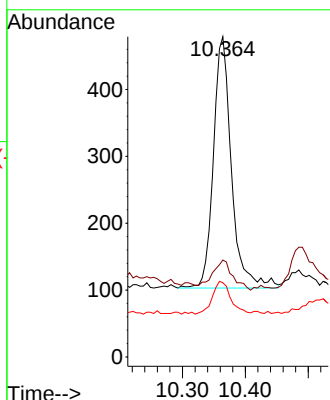
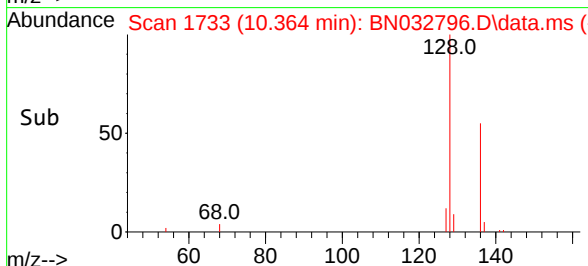
Instrument :
BNA_N
ClientSampleId :
A4BS1DL



Tgt Ion:128 Resp: 753
Ion Ratio Lower Upper
128 100
129 30.3 10.0 15.0#
127 23.2 11.6 17.4#

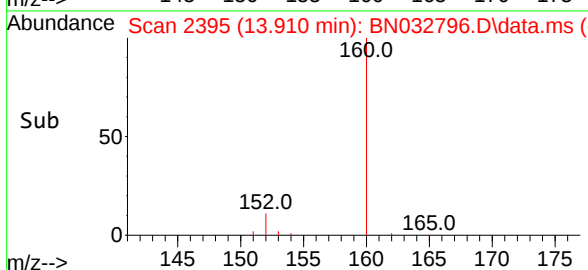
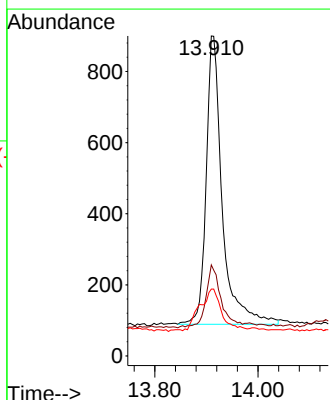
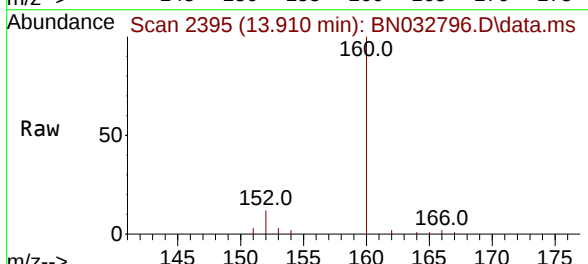
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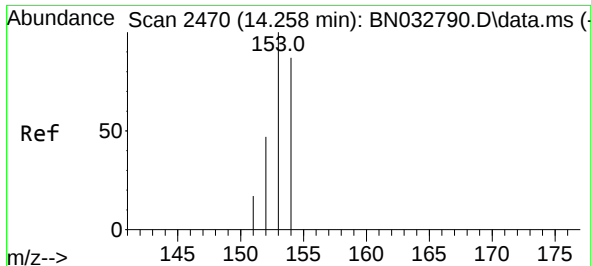
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 13.910 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BN032796.D
Acq: 18 Jul 2024 01:42

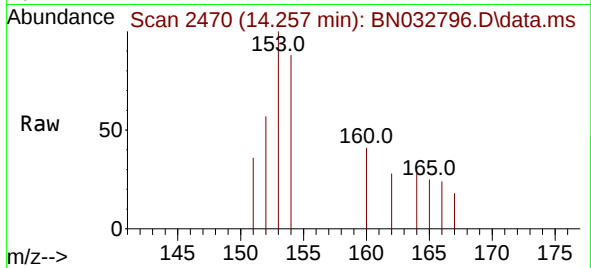
Tgt Ion:152 Resp: 1753
Ion Ratio Lower Upper
152 100
151 28.4 16.3 24.5#
153 20.9 11.3 16.9#





#11
Acenaphthene
Concen: 0.023 ng/u1
RT: 14.257 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN032796.D
Acq: 18 Jul 2024 01:42

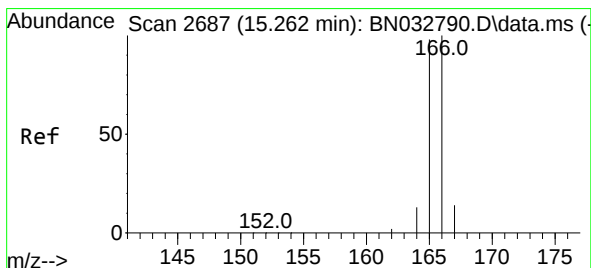
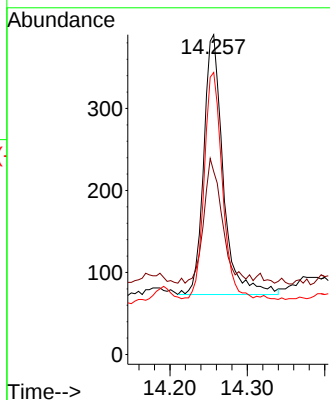
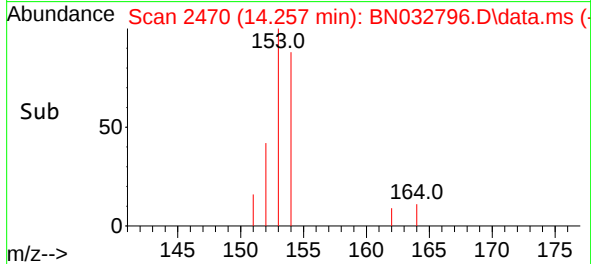
Instrument :
BNA_N
ClientSampleId :
A4BS1DL



Tgt Ion:153 Resp: 551
Ion Ratio Lower Upper
153 100
152 57.2 40.0 60.0
154 88.2 70.2 105.4

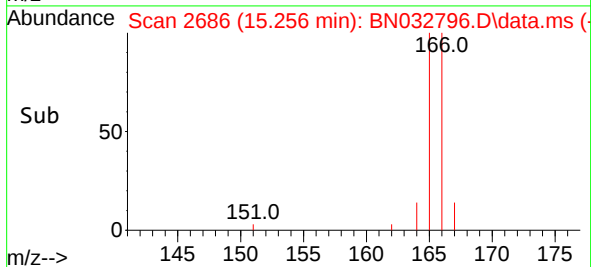
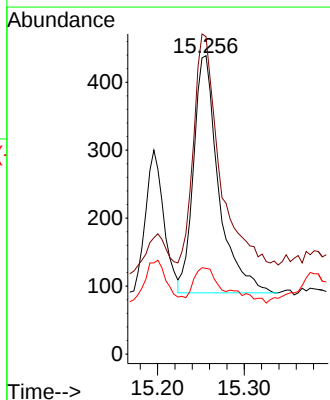
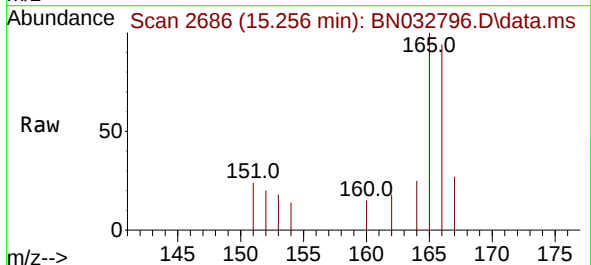
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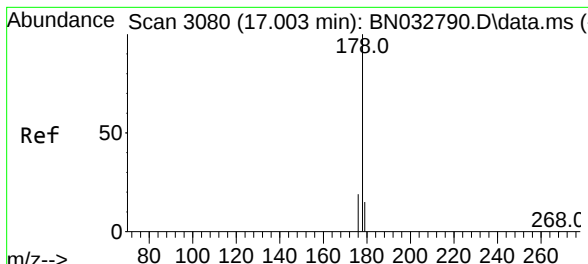
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.256 min Scan# 2686
Delta R.T. -0.011 min
Lab File: BN032796.D
Acq: 18 Jul 2024 01:42

Tgt Ion:166 Resp: 702
Ion Ratio Lower Upper
166 100
165 106.4 79.7 119.5
167 28.7 11.4 17.2#



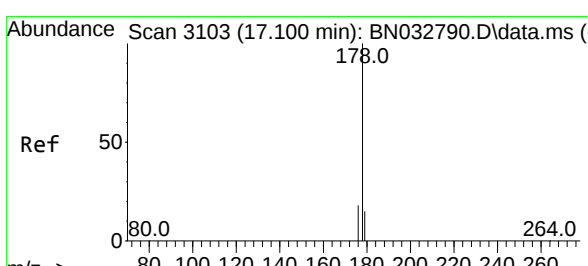
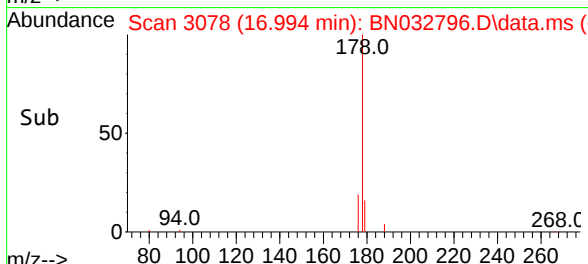
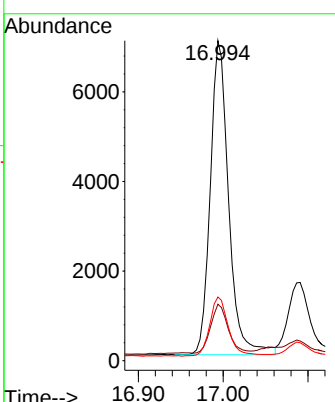
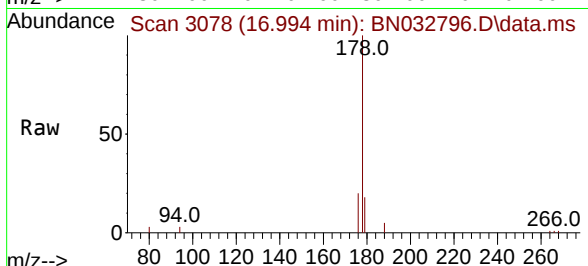


#15
 Phenanthrene
 Concen: 0.291 ng/ul
 RT: 16.994 min Scan# 3080
 Delta R.T. -0.014 min
 Lab File: BN032796.D
 Acq: 18 Jul 2024 01:42

Instrument : BNA_N
 ClientSampleId : A4BS1DL

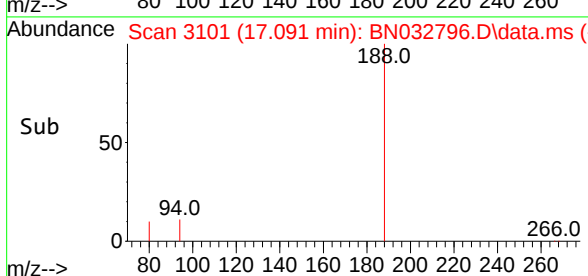
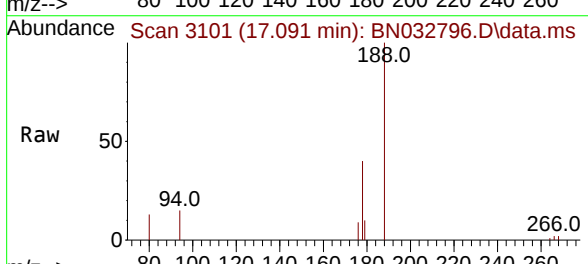
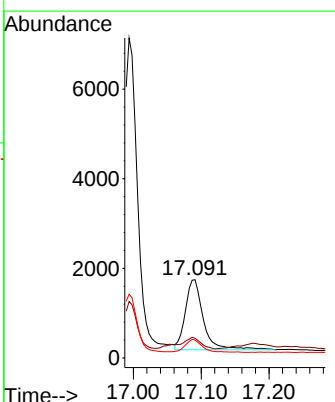
Tgt Ion:	178	Resp:	1055
Ion Ratio	Lower	Upper	
178	100		
179	17.6	13.0	19.4
176	19.9	15.6	23.4

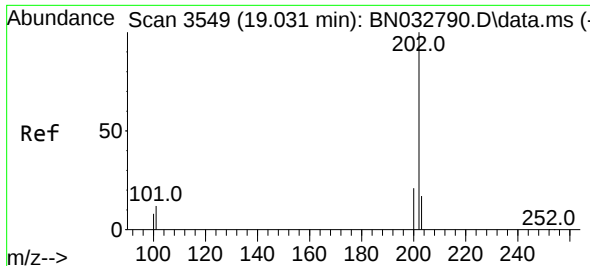
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 Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#16
 Anthracene
 Concen: 0.098 ng/ul
 RT: 17.091 min Scan# 3101
 Delta R.T. -0.014 min
 Lab File: BN032796.D
 Acq: 18 Jul 2024 01:42

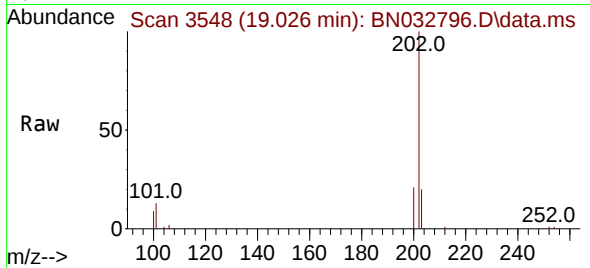
Tgt Ion:	178	Resp:	2895
Ion Ratio	Lower	Upper	
178	100		
179	25.1	13.4	20.2
176	23.0	15.4	23.0





#19
Fluoranthene
Concen: 0.415 ng/u1
RT: 19.026 min Scan# 3548
Delta R.T. -0.006 min
Lab File: BN032796.D
Acq: 18 Jul 2024 01:42

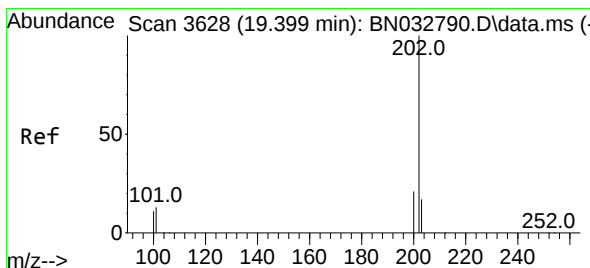
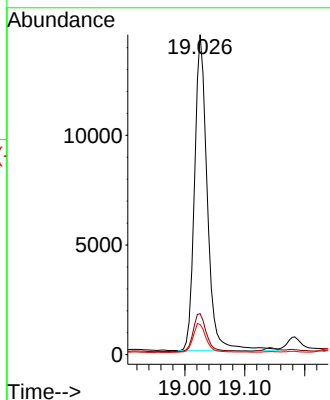
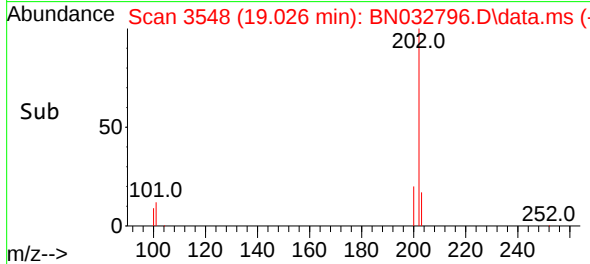
Instrument :
BNA_N
ClientSampleId :
A4BS1DL



Tgt Ion:202 Resp: 2131
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.8
100 9.5 7.9 11.9

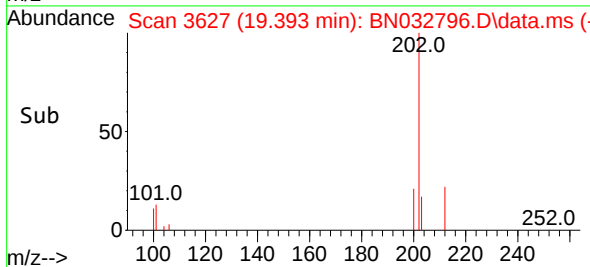
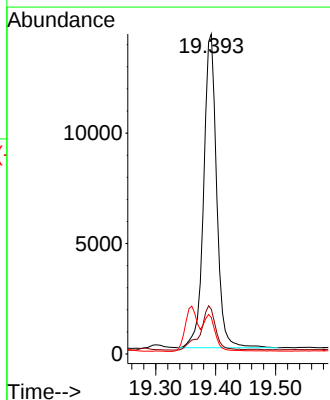
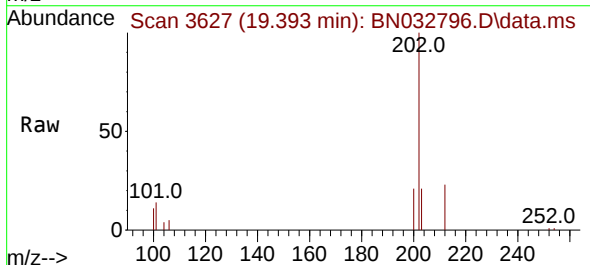
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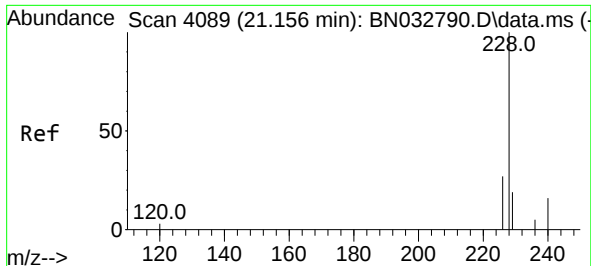
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 0.401 ng/u1
RT: 19.393 min Scan# 3627
Delta R.T. -0.006 min
Lab File: BN032796.D
Acq: 18 Jul 2024 01:42

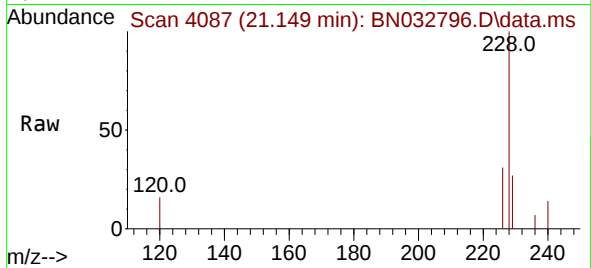
Tgt Ion:202 Resp: 21334
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.4 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.320 ng/ul
RT: 21.149 min Scan# 4087
Delta R.T. -0.010 min
Lab File: BN032796.D
Acq: 18 Jul 2024 01:42

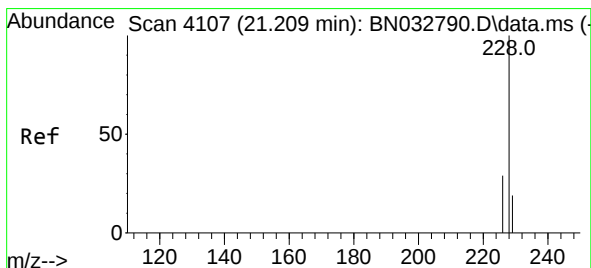
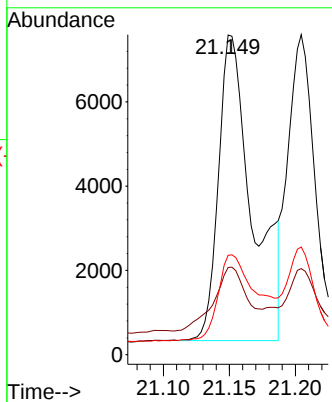
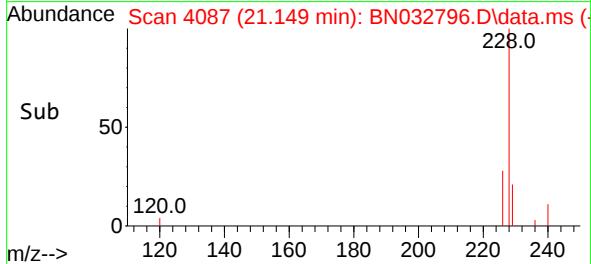
Instrument :
BNA_N
ClientSampleId :
A4BS1DL



Tgt Ion:228 Resp: 12845
Ion Ratio Lower Upper
228 100
229 27.3 16.1 24.1
226 31.1 21.9 32.9

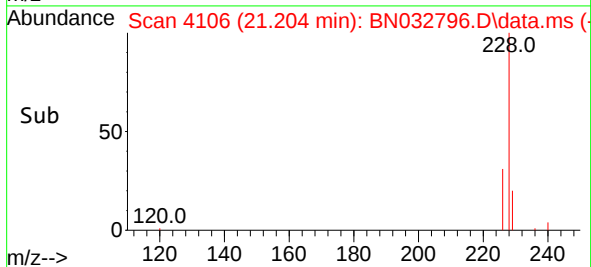
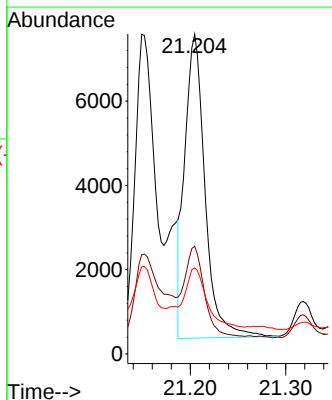
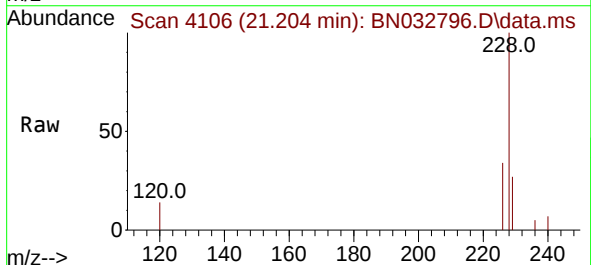
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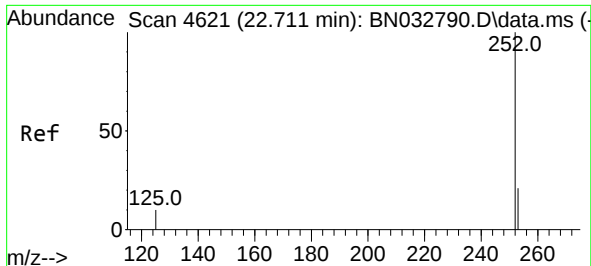
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 0.183 ng/ul
RT: 21.204 min Scan# 4106
Delta R.T. -0.007 min
Lab File: BN032796.D
Acq: 18 Jul 2024 01:42

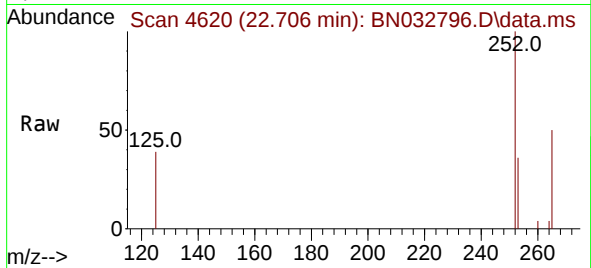
Tgt Ion:228 Resp: 10622
Ion Ratio Lower Upper
228 100
226 33.6 24.0 36.0
229 26.9 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul m
RT: 22.706 min Scan# 4620
Delta R.T. -0.004 min
Lab File: BN032796.D
Acq: 18 Jul 2024 01:42

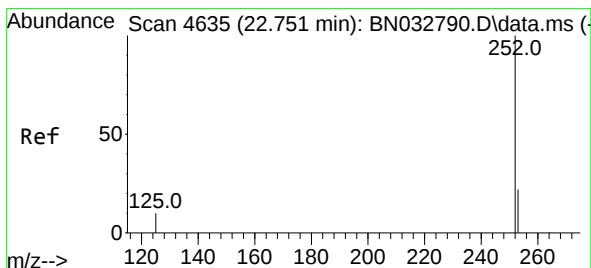
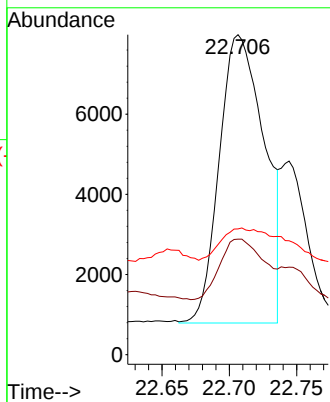
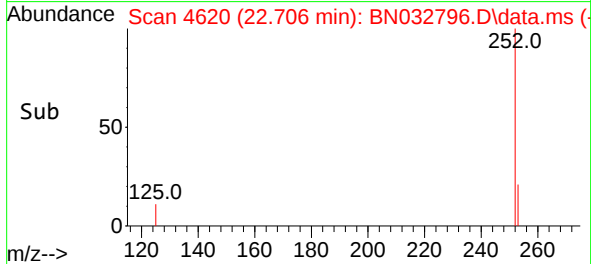
Instrument :
BNA_N
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A4BS1DL



Tgt Ion:252 Resp: 1675
Ion Ratio Lower Upper
252 100
253 36.1 0.0 54.0
125 39.3 0.0 36.0

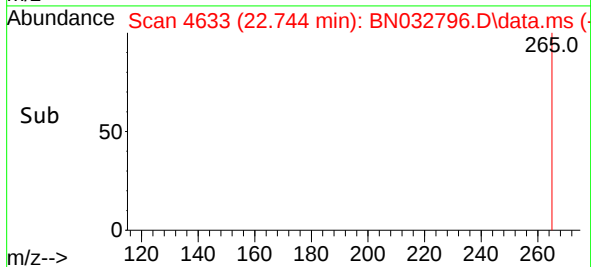
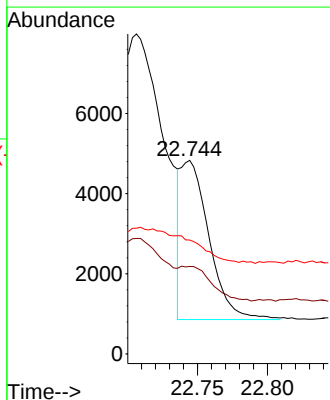
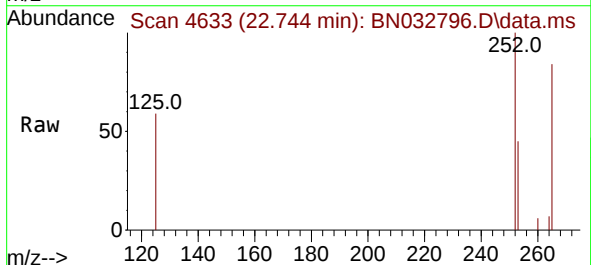
Manual Integrations
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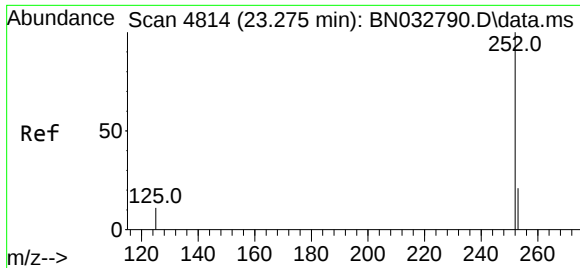
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.090 ng/ul m
RT: 22.744 min Scan# 4633
Delta R.T. -0.010 min
Lab File: BN032796.D
Acq: 18 Jul 2024 01:42

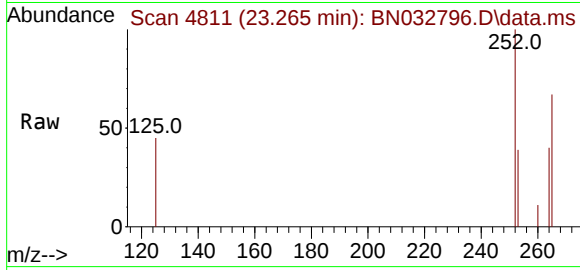
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Ion Ratio Lower Upper
252 100
253 45.2 21.2 31.8#
125 58.9 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.263 ng/ul
RT: 23.265 min Scan# 4811
Delta R.T. -0.013 min
Lab File: BN032796.D
Acq: 18 Jul 2024 01:42

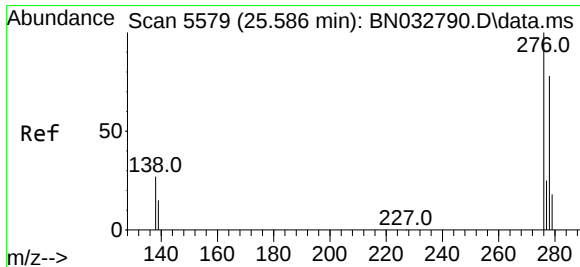
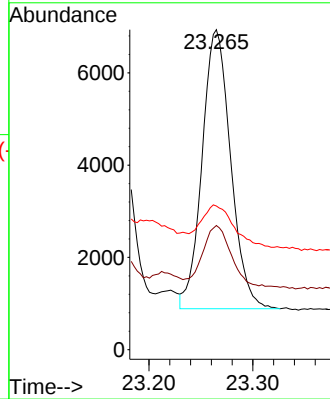
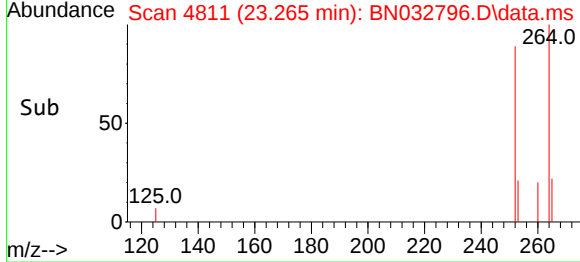
Instrument :
BNA_N
ClientSampleId :
A4BS1DL



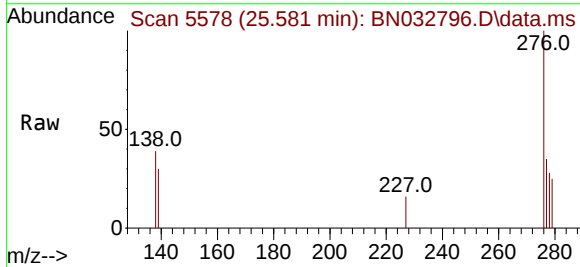
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125 44.9 20.6 30.8#

Manual Integrations
APPROVED

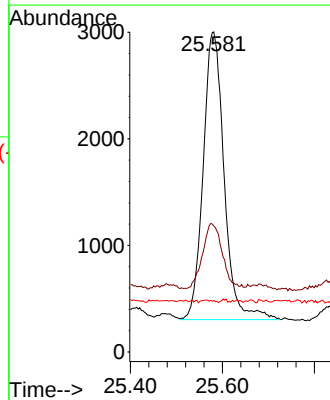
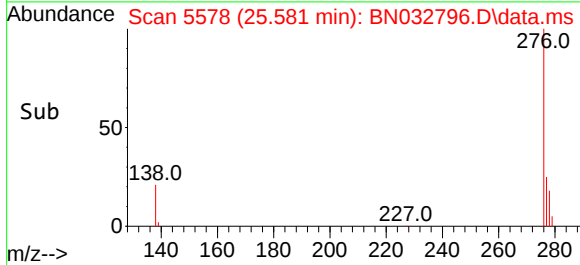
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

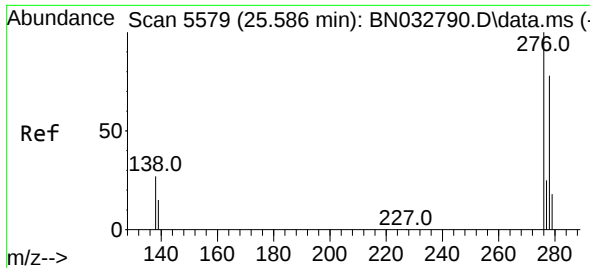


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.143 ng/ul
RT: 25.581 min Scan# 5578
Delta R.T. -0.001 min
Lab File: BN032796.D
Acq: 18 Jul 2024 01:42



Tgt Ion:276 Resp: 8533
Ion Ratio Lower Upper
276 100
138 21.1 21.6 32.4#
227 0.6 0.0 0.0#





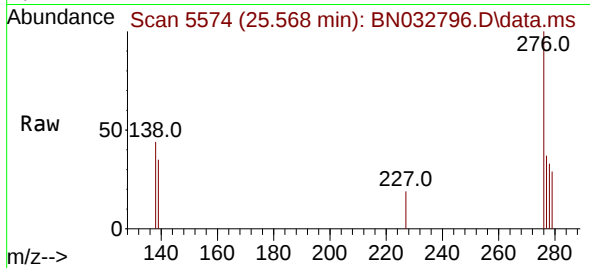
#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 25.568 min Scan# 51
Delta R.T. -0.021 min
Lab File: BN032796.D
Acq: 18 Jul 2024 01:42

Instrument :

BNA_N

ClientSampleId :

A4BS1DL



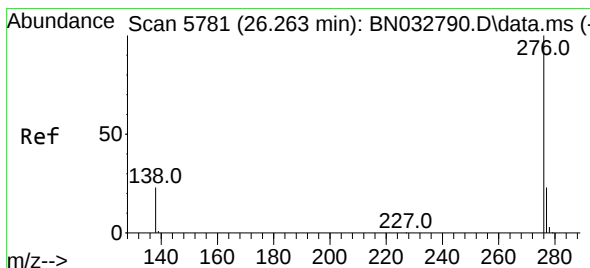
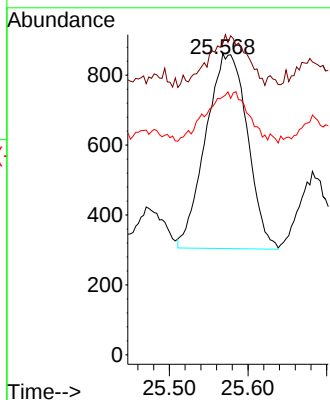
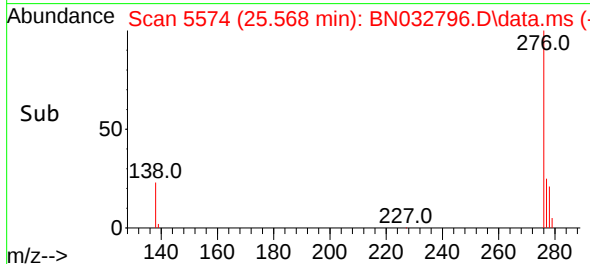
Tgt Ion:278 Resp: 2050
Ion Ratio Lower Upper
278 100
139 103.4 16.6 24.8#
279 85.6 23.7 35.5#

Manual Integrations

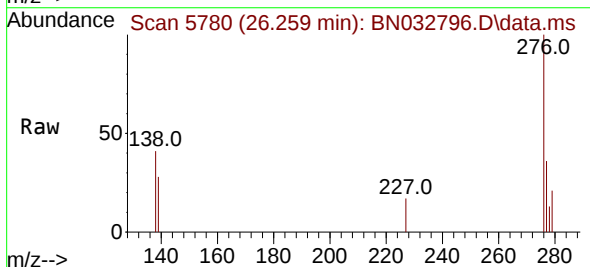
APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.177 ng/ul
RT: 26.259 min Scan# 5780
Delta R.T. -0.001 min
Lab File: BN032796.D
Acq: 18 Jul 2024 01:42



Tgt Ion:276 Resp: 8799
Ion Ratio Lower Upper
276 100
138 40.8 21.0 31.4#
277 35.5 20.6 31.0#

