

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032835.D
 Acq On : 19 Jul 2024 11:33
 Operator : MA/JU
 Sample : P3238-24DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DQ3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 11:59:58 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	2942	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.316	136	9176	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.188	164	5369	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	10329	0.400	ng/ul	-0.01
17) Chrysene-d12	21.173	240	9320	0.400	ng/ul	0.00
23) Perylene-d12	23.365	264	11500	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	146	0.041	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	265	0.019	ng/ul	0.01
18) Fluoranthene-d10	18.999	212	618	0.020	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.365	128	19398	0.787	ng/ul	99
10) Acenaphthylene	13.915	152	7250	0.334	ng/ul	98
11) Acenaphthene	14.253	153	7919	0.441	ng/ul	98
12) Fluorene	15.266	166	2462	0.120	ng/ul#	98
15) Phenanthrene	16.995	178	25553	0.908	ng/ul	99
16) Anthracene	17.096	178	18970	0.825	ng/ul	99
19) Fluoranthene	19.031	202	5721	0.151	ng/ul	96
20) Pyrene	19.394	202	9048	0.231	ng/ul	98
21) Benzo(a)anthracene	21.156	228	3404m	0.115	ng/ul	
22) Chrysene	21.208	228	21610	0.504	ng/ul	99
24) Benzo(b)fluoranthene	22.710	252	10222m	0.252	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	3327m	0.067	ng/ul	
26) Benzo(a)pyrene	23.275	252	13545	0.386	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.582	276	8829	0.186	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.582	278	7603	0.206	ng/ul#	82
29) Benzo(g,h,i)perylene	26.253	276	22473	0.566	ng/ul	99

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

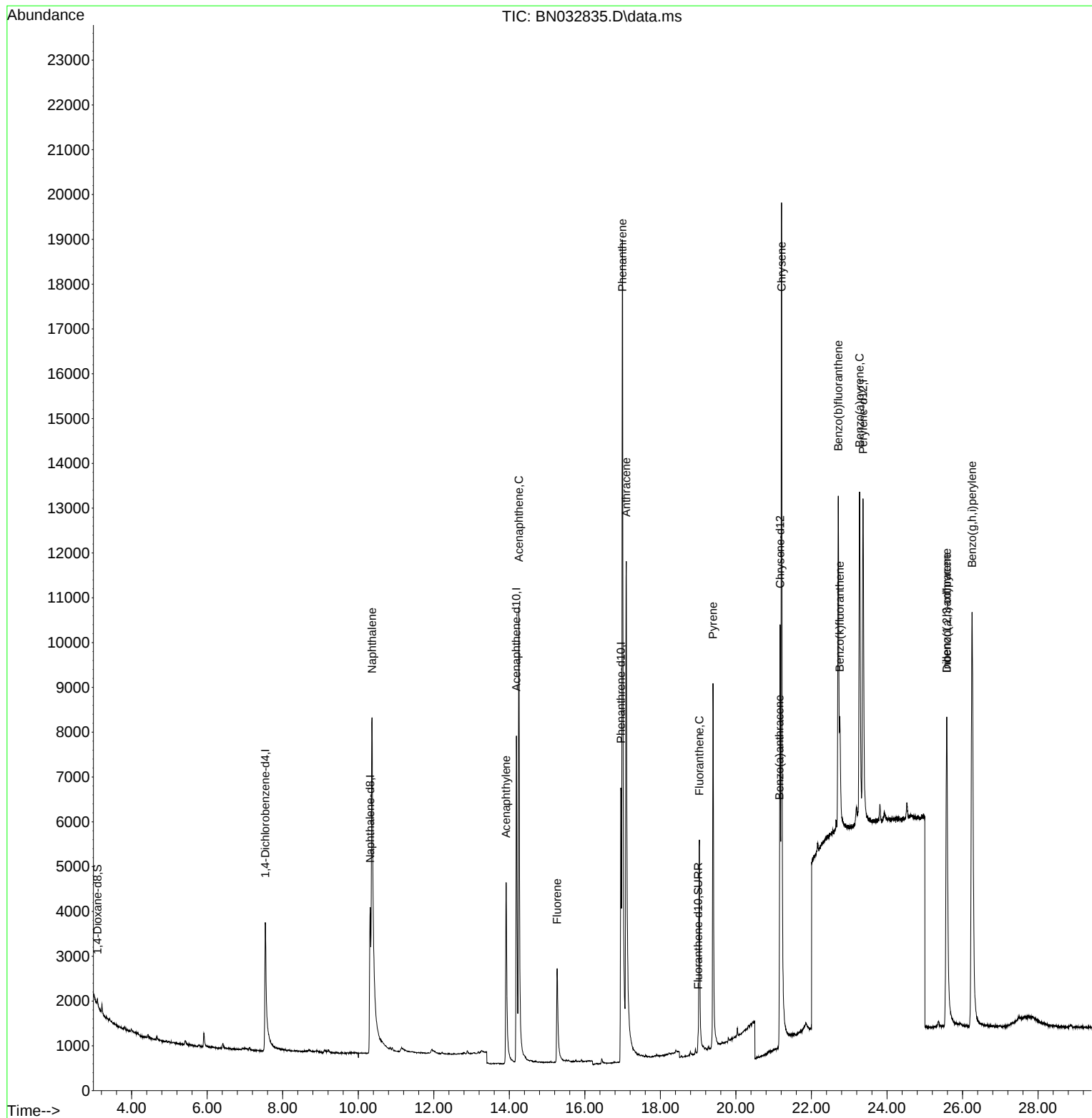
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032835.D
Acq On : 19 Jul 2024 11:33
Operator : MA/JU
Sample : P3238-24DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

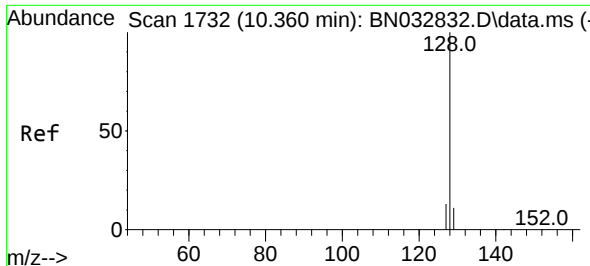
Instrument :
BNA_N
ClientSampleId :
A4DQ3DL

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Supervised By :mohammad ahmed 07/22/2024

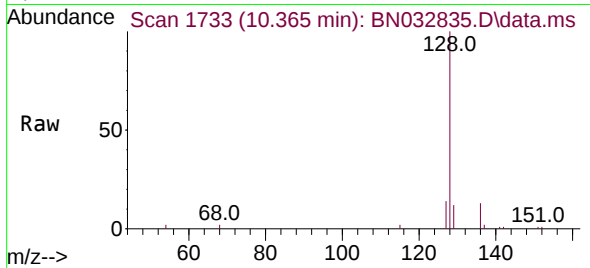
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.787 ng/ul
RT: 10.365 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BN032835.D
Acq: 19 Jul 2024 11:33

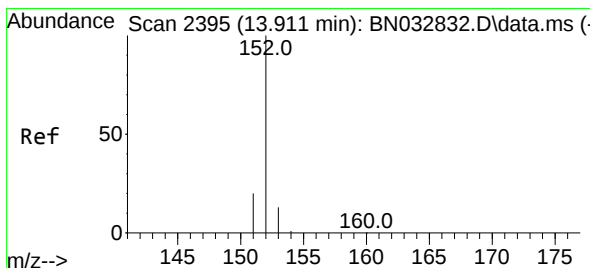
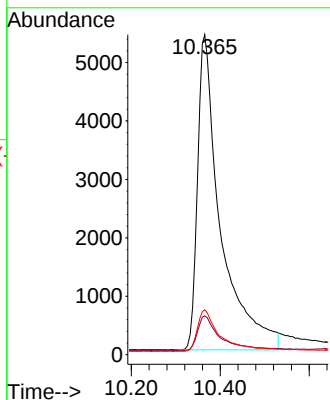
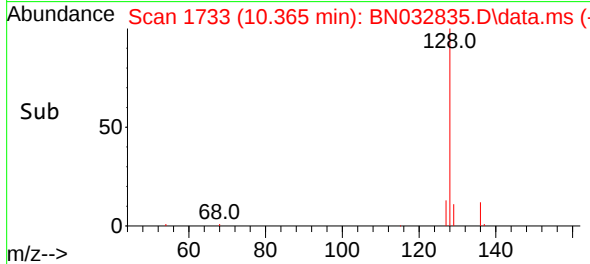
Instrument :
BNA_N
ClientSampleId :
A4DQ3DL



Tgt Ion:128 Resp: 19398
Ion Ratio Lower Upper
128 100
129 12.1 10.0 15.0
127 14.0 11.6 17.4

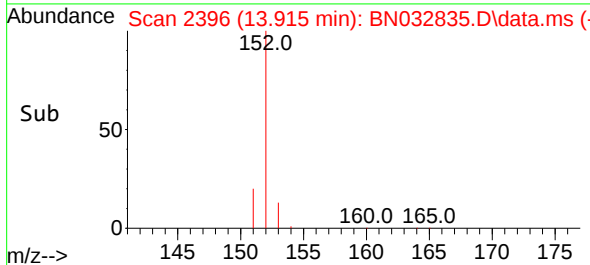
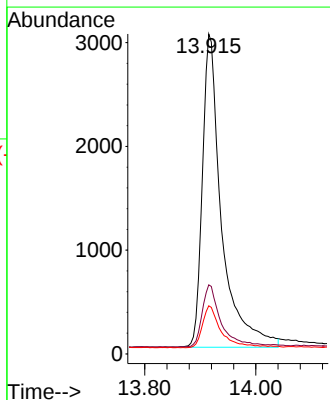
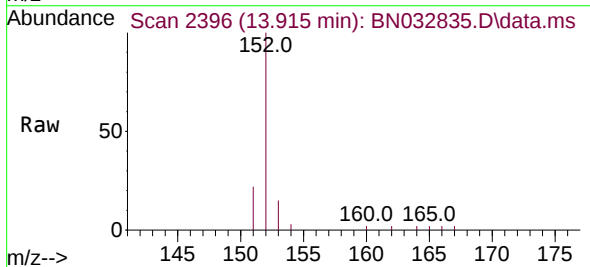
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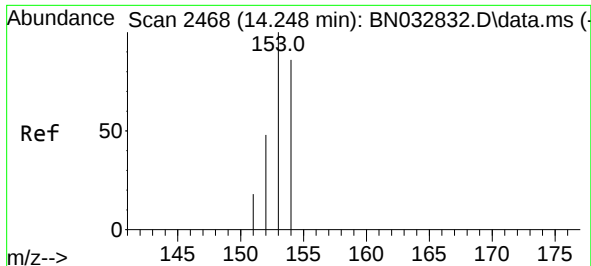
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Acenaphthylene
Concen: 0.334 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BN032835.D
Acq: 19 Jul 2024 11:33

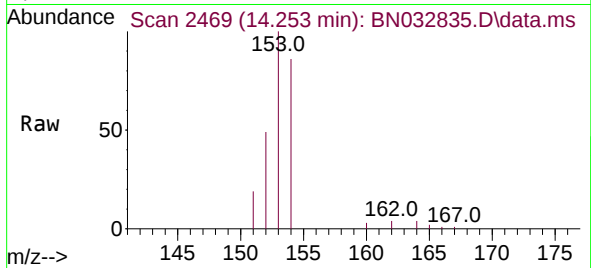
Tgt Ion:152 Resp: 7250
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 15.0 11.3 16.9





#11
Acenaphthene
Concen: 0.441 ng/ul
RT: 14.253 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN032835.D
Acq: 19 Jul 2024 11:33

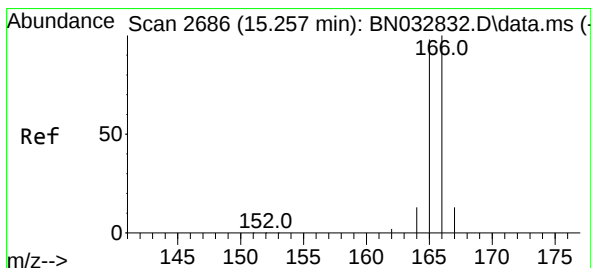
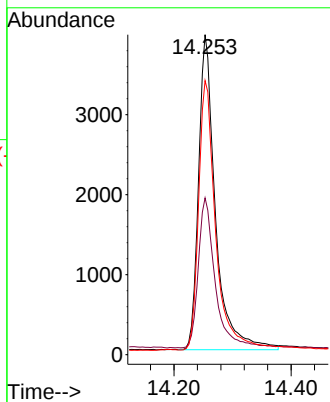
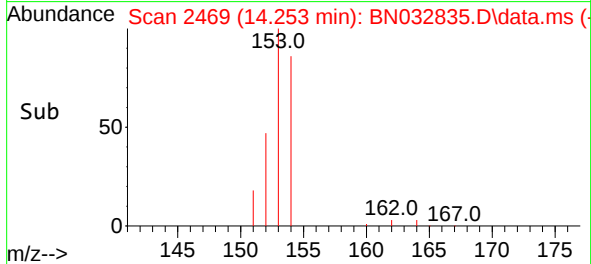
Instrument :
BNA_N
ClientSampleId :
A4DQ3DL



Tgt Ion:153 Resp: 7919
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 85.7 70.2 105.4

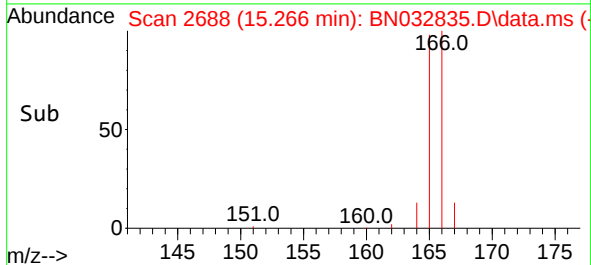
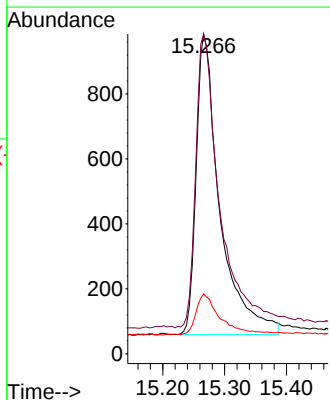
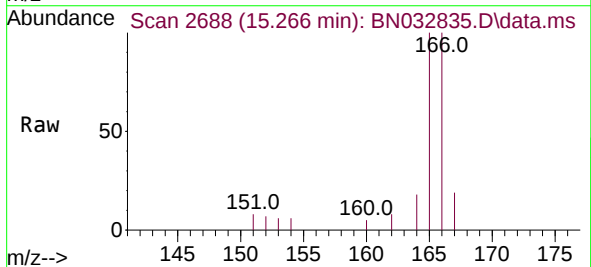
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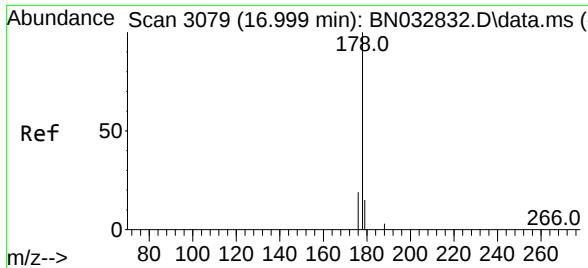
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 0.120 ng/ul
RT: 15.266 min Scan# 2688
Delta R.T. -0.000 min
Lab File: BN032835.D
Acq: 19 Jul 2024 11:33

Tgt Ion:166 Resp: 2462
Ion Ratio Lower Upper
166 100
165 99.9 79.7 119.5
167 18.8 11.4 17.2#





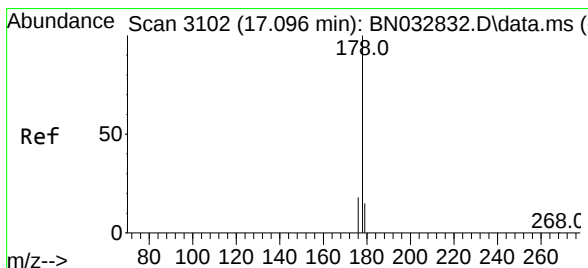
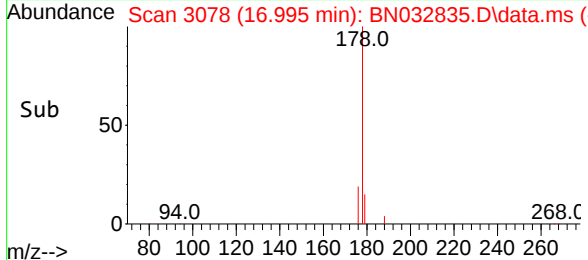
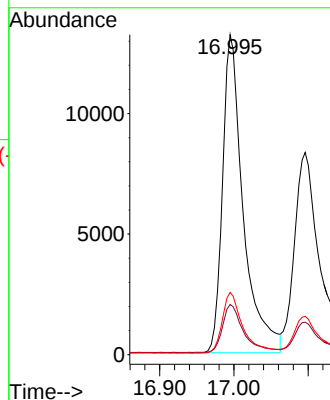
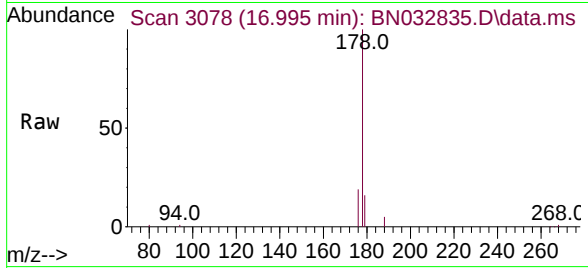
#15
 Phenanthrene
 Concen: 0.908 ng/ul
 RT: 16.995 min Scan# 3078
 Delta R.T. -0.013 min
 Lab File: BN032835.D
 Acq: 19 Jul 2024 11:33

Instrument :
 BNA_N
 ClientSampleId :
 A4DQ3DL

Tgt Ion:	178	Resp:	2555
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.0	19.4
176	19.4	15.6	23.4

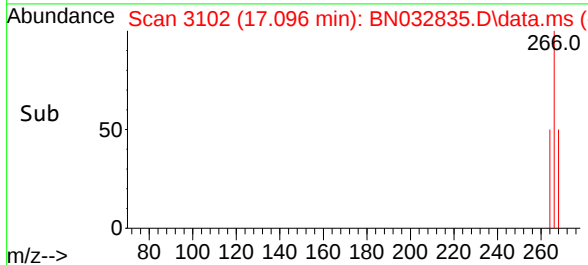
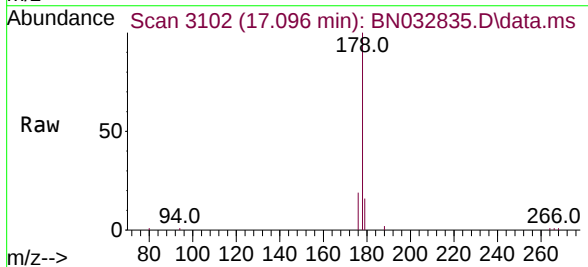
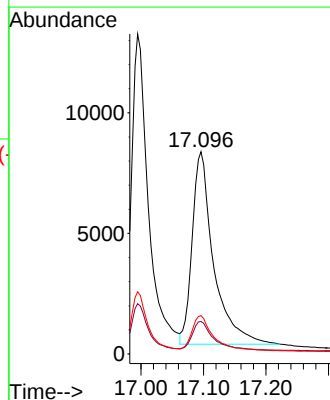
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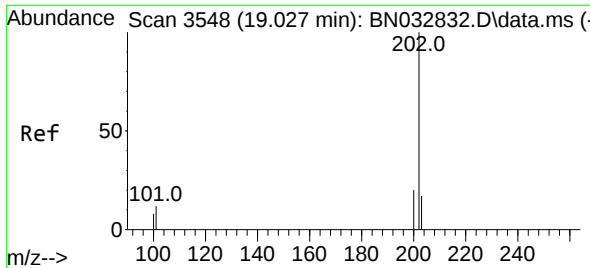
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#16
 Anthracene
 Concen: 0.825 ng/ul
 RT: 17.096 min Scan# 3102
 Delta R.T. -0.009 min
 Lab File: BN032835.D
 Acq: 19 Jul 2024 11:33

Tgt Ion:	178	Resp:	18970
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.4	20.2
176	19.0	15.4	23.0





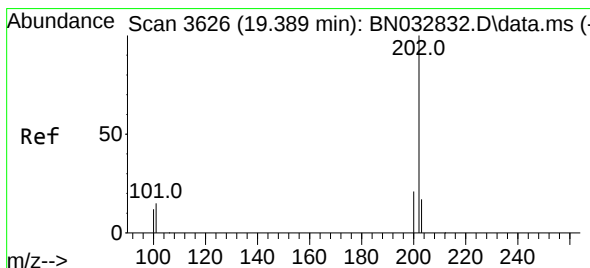
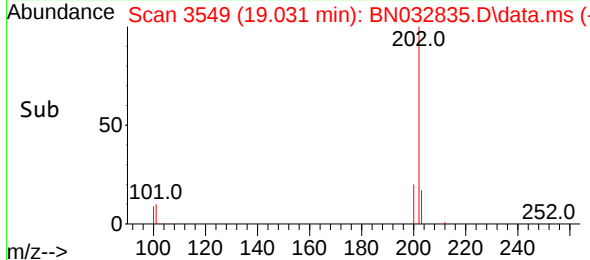
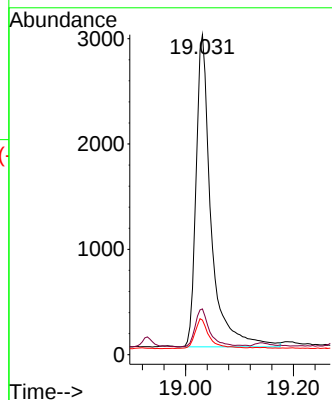
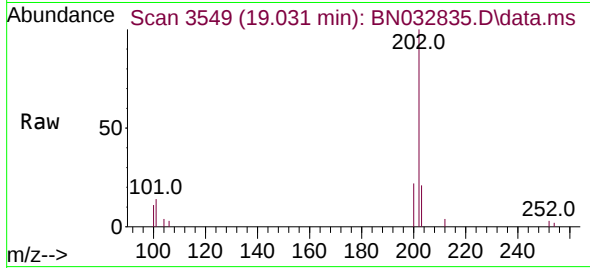
#19
Fluoranthene
Concen: 0.151 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.000 min
Lab File: BN032835.D
Acq: 19 Jul 2024 11:33

Instrument :
BNA_N
ClientSampleId :
A4DQ3DL

Tgt Ion:202 Resp: 572
Ion Ratio Lower Upper
202 100
101 14.3 9.8 14.8
100 10.8 7.9 11.9

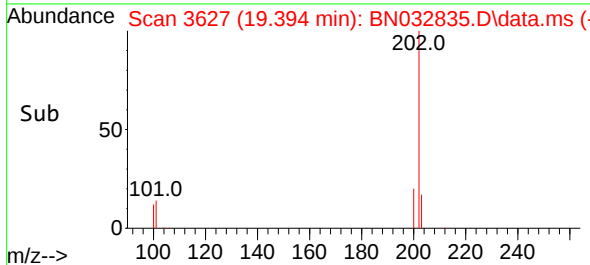
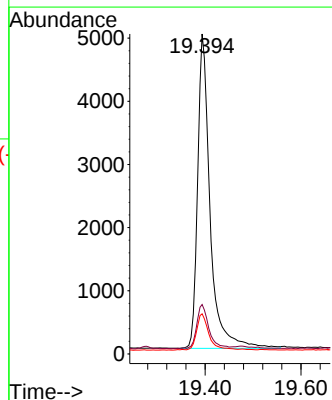
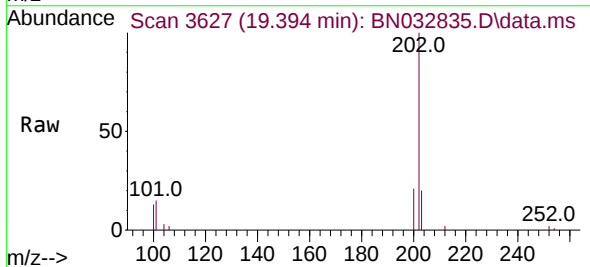
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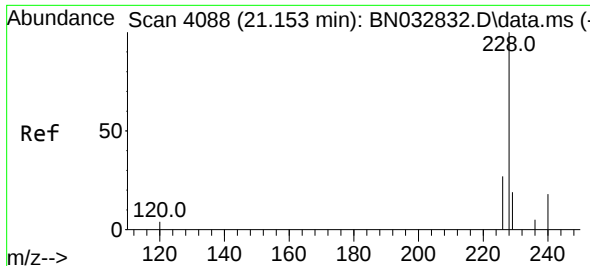
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 0.231 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BN032835.D
Acq: 19 Jul 2024 11:33

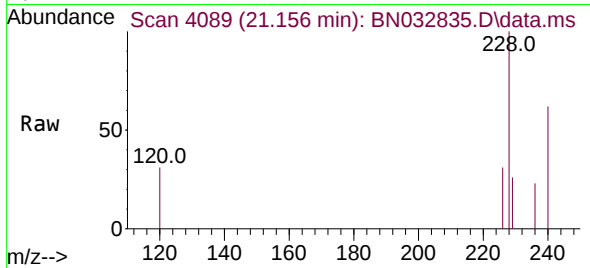
Tgt Ion:202 Resp: 9048
Ion Ratio Lower Upper
202 100
101 15.4 11.8 17.6
100 12.6 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.115 ng/ul m
RT: 21.156 min Scan# 4088
Delta R.T. -0.003 min
Lab File: BN032835.D
Acq: 19 Jul 2024 11:33

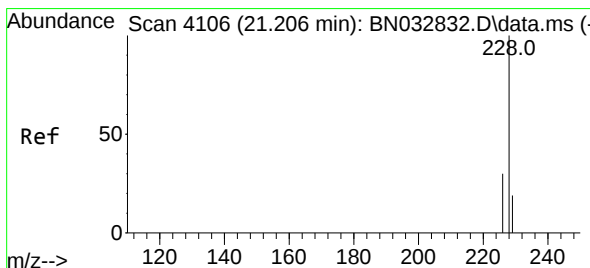
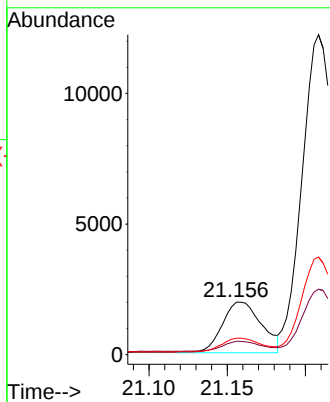
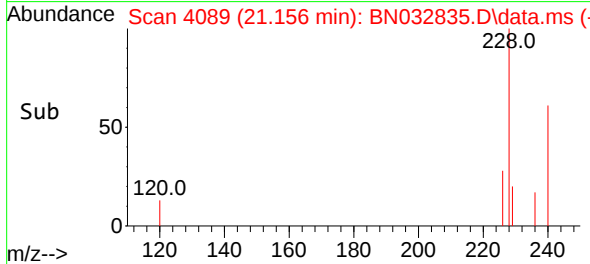
Instrument :
BNA_N
ClientSampleId :
A4DQ3DL



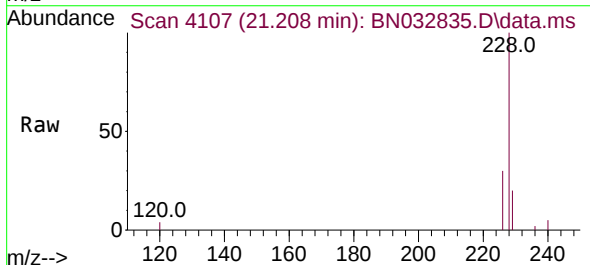
Tgt Ion:228 Resp: 3404
Ion Ratio Lower Upper
228 100
229 25.6 16.1 24.1
226 31.3 21.9 32.9

Manual Integrations
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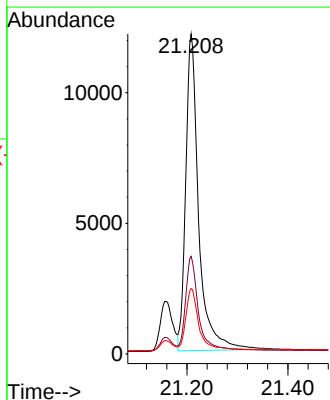
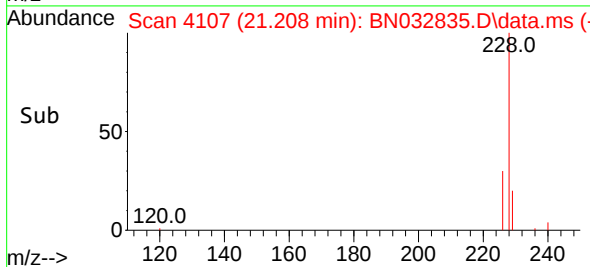
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

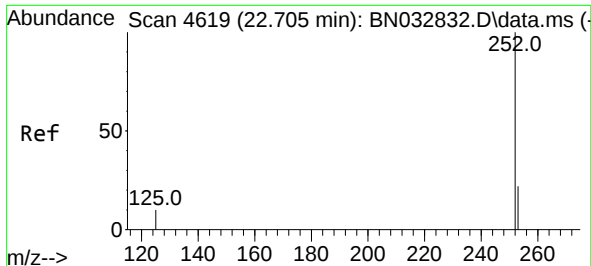


#22
Chrysene
Concen: 0.504 ng/ul
RT: 21.208 min Scan# 4107
Delta R.T. -0.003 min
Lab File: BN032835.D
Acq: 19 Jul 2024 11:33



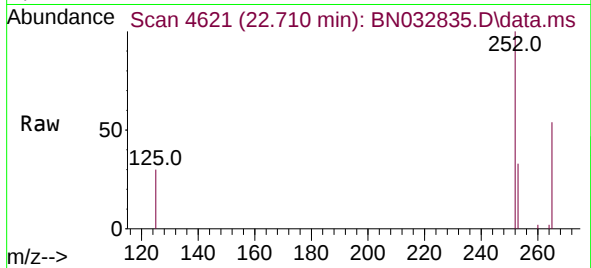
Tgt Ion:228 Resp: 21610
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 20.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.252 ng/ul m
RT: 22.710 min Scan# 4621
Delta R.T. -0.000 min
Lab File: BN032835.D
Acq: 19 Jul 2024 11:33

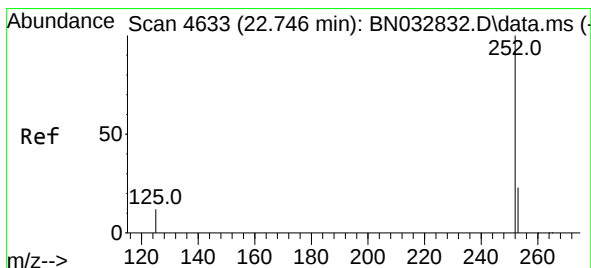
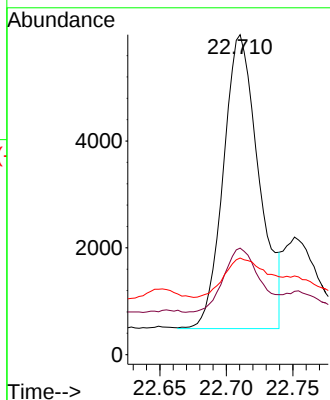
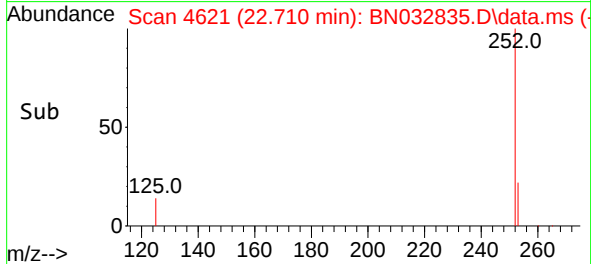
Instrument :
BNA_N
ClientSampleId :
A4DQ3DL



Tgt Ion:252 Resp: 1022
Ion Ratio Lower Upper
252 100
253 33.3 0.0 54.0
125 30.2 0.0 36.0

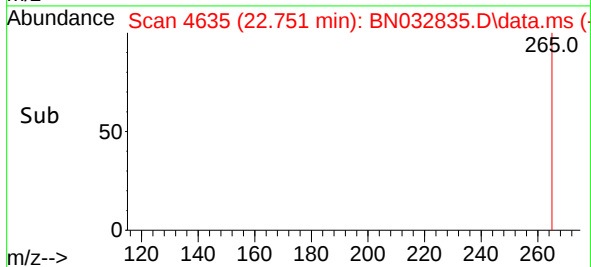
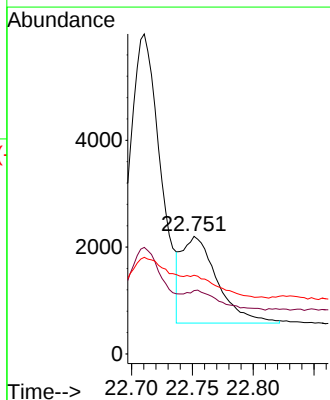
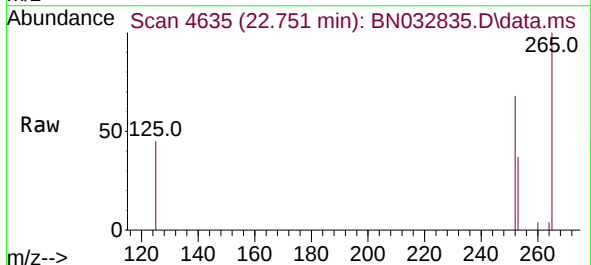
Manual Integrations
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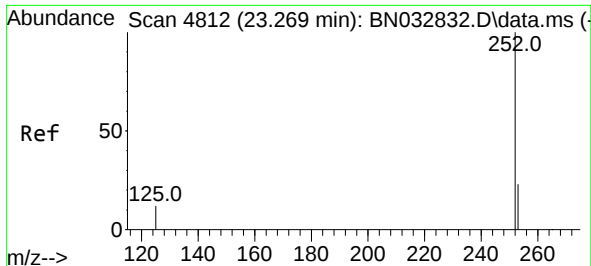
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#25
Benzo(k)fluoranthene
Concen: 0.067 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.003 min
Lab File: BN032835.D
Acq: 19 Jul 2024 11:33

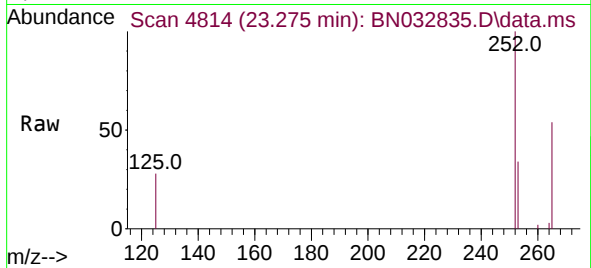
Tgt Ion:252 Resp: 3327
Ion Ratio Lower Upper
252 100
253 53.8 21.2 31.8#
125 66.9 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.275 min Scan# 4814
Delta R.T. -0.003 min
Lab File: BN032835.D
Acq: 19 Jul 2024 11:33

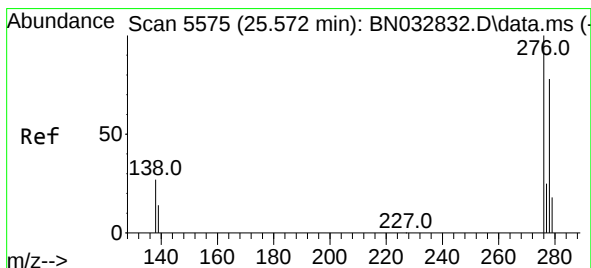
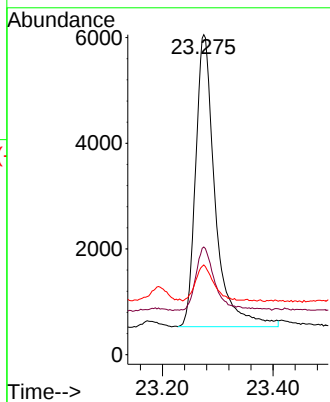
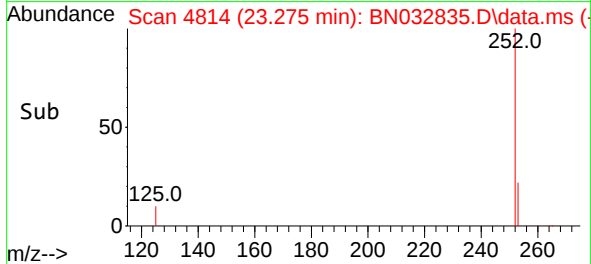
Instrument :
BNA_N
ClientSampleId :
A4DQ3DL



Tgt Ion:252 Resp: 13549
Ion Ratio Lower Upper
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125 28.0 20.6 30.8

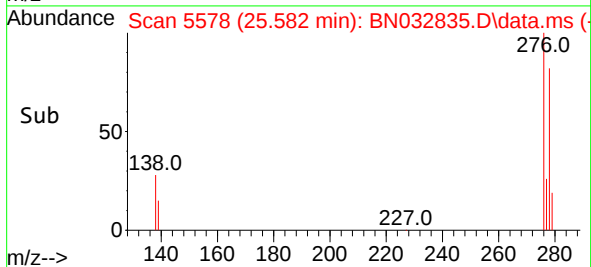
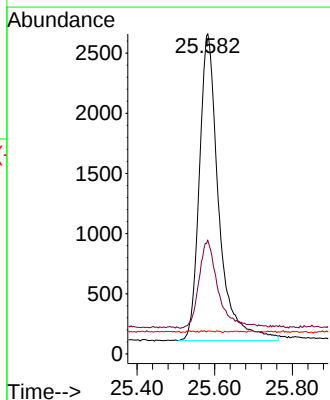
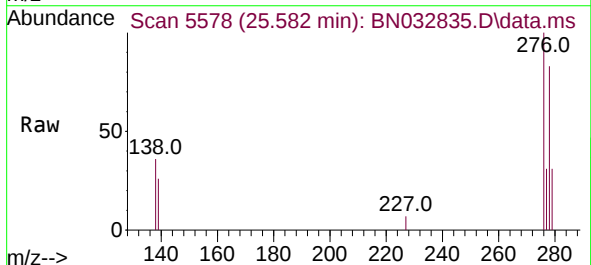
Manual Integrations
APPROVED

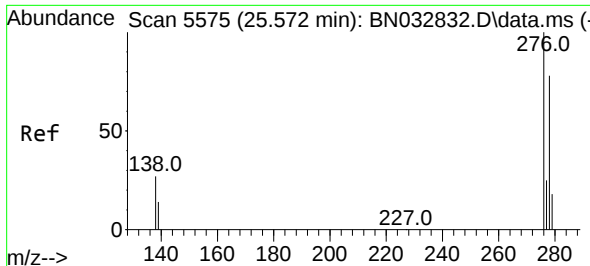
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.186 ng/ul
RT: 25.582 min Scan# 5578
Delta R.T. -0.000 min
Lab File: BN032835.D
Acq: 19 Jul 2024 11:33

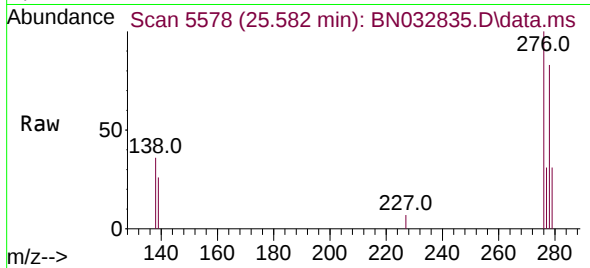
Tgt Ion:276 Resp: 8829
Ion Ratio Lower Upper
276 100
138 29.0 21.6 32.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.206 ng/ul
RT: 25.582 min Scan# 5575
Delta R.T. -0.007 min
Lab File: BN032835.D
Acq: 19 Jul 2024 11:33

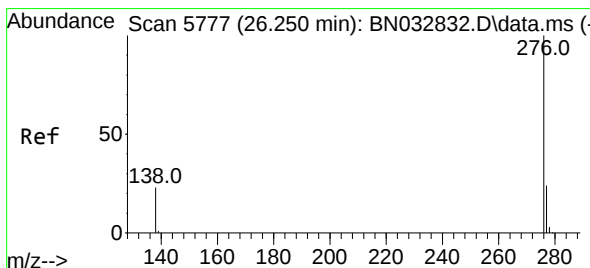
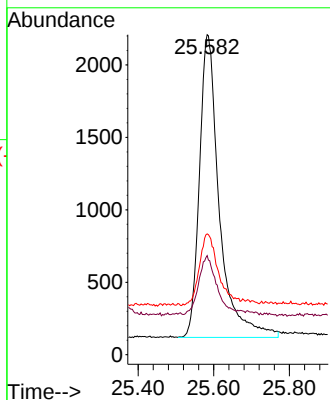
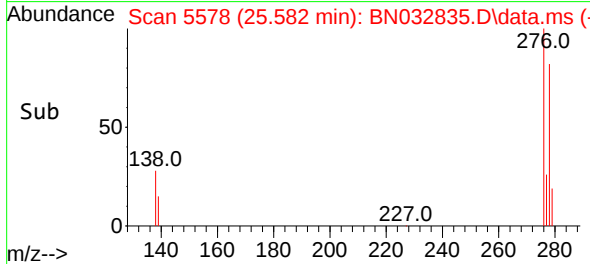
Instrument :
BNA_N
ClientSampleId :
A4DQ3DL



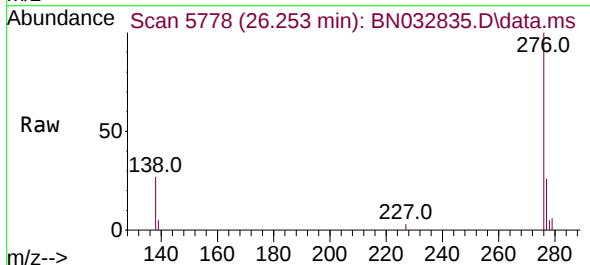
Tgt Ion:278 Resp: 760
Ion Ratio Lower Upper
278 100
139 31.0 16.6 24.8
279 37.8 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#29
Benzo(g,h,i)perylene
Concen: 0.566 ng/ul
RT: 26.253 min Scan# 5778
Delta R.T. -0.007 min
Lab File: BN032835.D
Acq: 19 Jul 2024 11:33



Tgt Ion:276 Resp: 22473
Ion Ratio Lower Upper
276 100
138 27.0 21.0 31.4
277 26.0 20.6 31.0

