

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032671.D
 Acq On : 12 Jul 2024 13:46
 Operator : MA/JU
 Sample : P3087-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 14:58:26 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 : Fri Jul 12 01:40:24 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5443	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	15649	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	8227	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	15682m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.177	240	13554m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	14220m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	20257	3.100	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	4978	0.210	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	10464	0.237	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.371	128	1309	0.031	ng/ul#	78
10) Acenaphthylene	13.920	152	3752	0.113	ng/ul#	93
11) Acenaphthene	14.262	153	1086	0.040	ng/ul	96
12) Fluorene	15.262	166	1540	0.049	ng/ul#	97
15) Phenanthrene	16.999	178	28659m	0.671	ng/ul	
16) Anthracene	17.092	178	6719m	0.193	ng/ul	
19) Fluoranthene	19.032	202	67083	1.217	ng/ul	98
20) Pyrene	19.394	202	60849	1.067	ng/ul	99
21) Benzo(a)anthracene	21.159	228	35178	0.815	ng/ul	94
22) Chrysene	21.212	228	31153	0.499	ng/ul	95
24) Benzo(b)fluoranthene	22.714	252	49445m	0.985	ng/ul	
25) Benzo(k)fluoranthene	22.752	252	16312m	0.267	ng/ul	
26) Benzo(a)pyrene	23.272	252	33124	0.763	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.583	276	25502	0.434	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.576	278	5898	0.129	ng/ul#	36
29) Benzo(g,h,i)perylene	26.257	276	24961	0.508	ng/ul	92

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

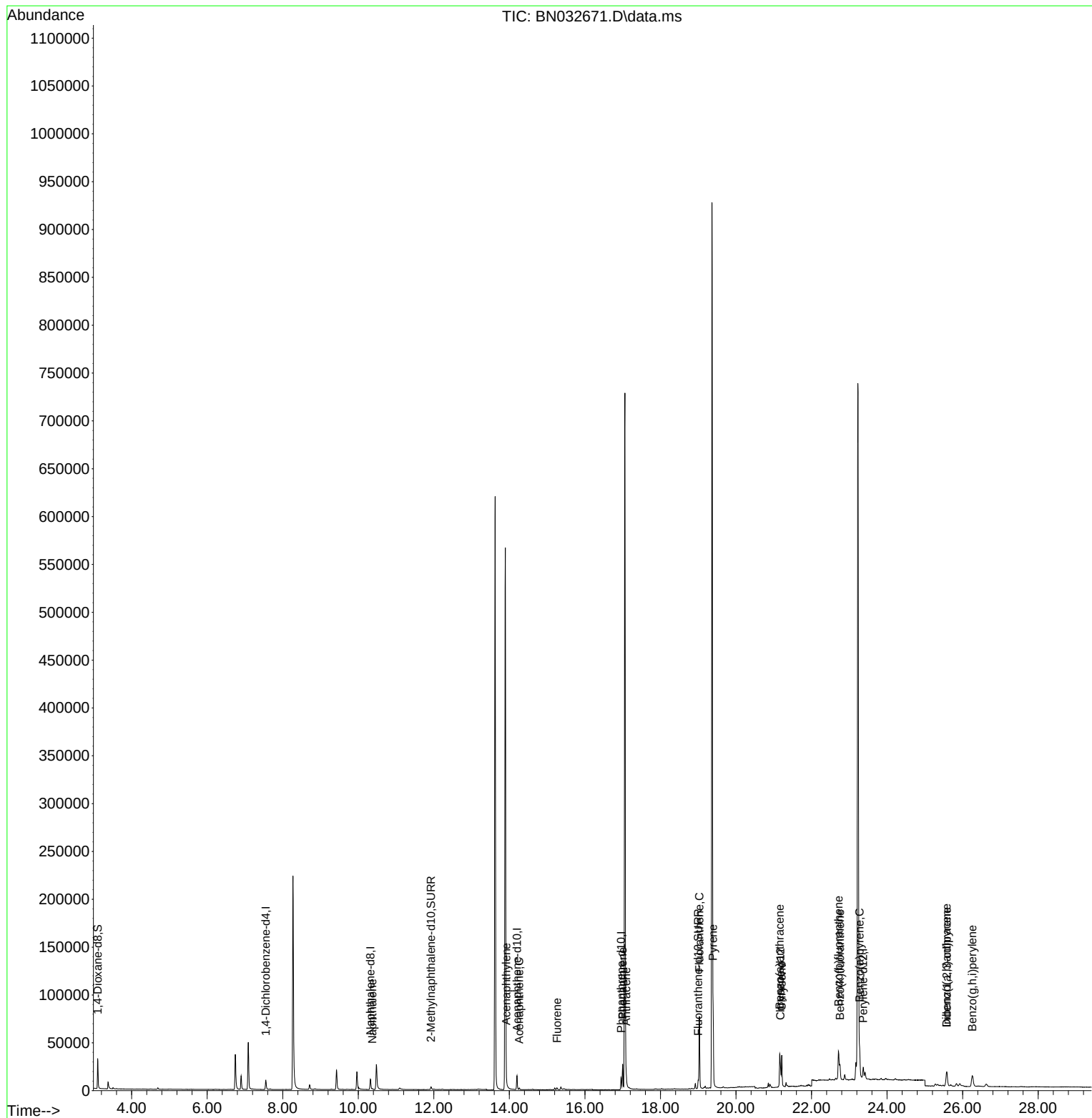
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032671.D
Acq On : 12 Jul 2024 13:46
Operator : MA/JU
Sample : P3087-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

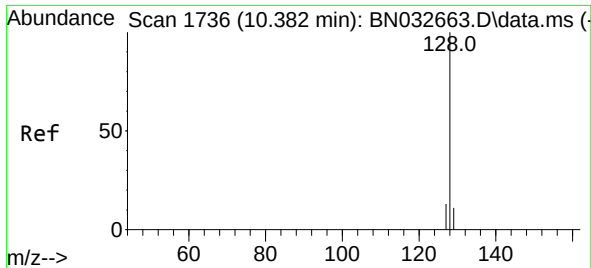
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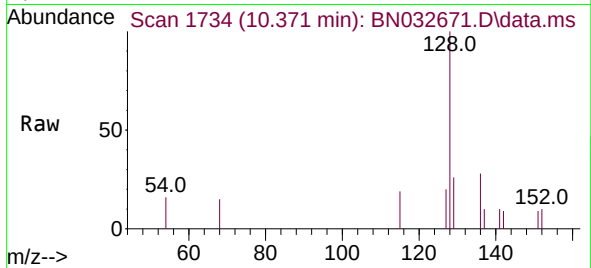
Quant Time: Jul 12 14:58:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/u1
RT: 10.371 min Scan# 11
Delta R.T. -0.038 min
Lab File: BN032671.D
Acq: 12 Jul 2024 13:46

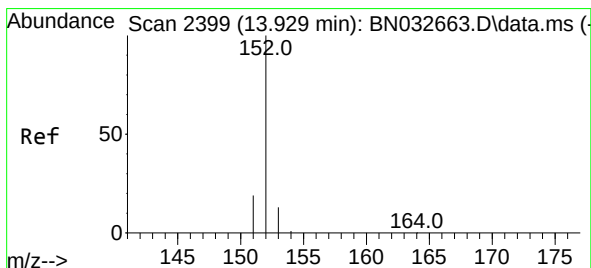
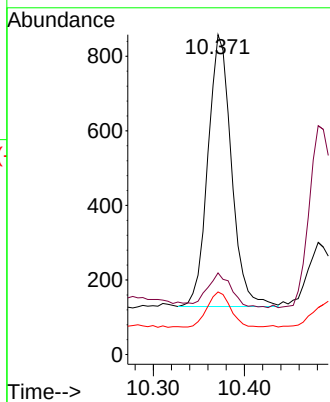
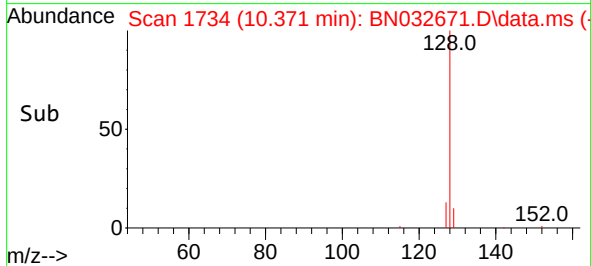
Instrument :
BNA_N
ClientSampleId :
A4CE6



Tgt Ion:128 Resp: 1309
Ion Ratio Lower Upper
128 100
129 25.5 10.0 15.0
127 19.6 11.6 17.4

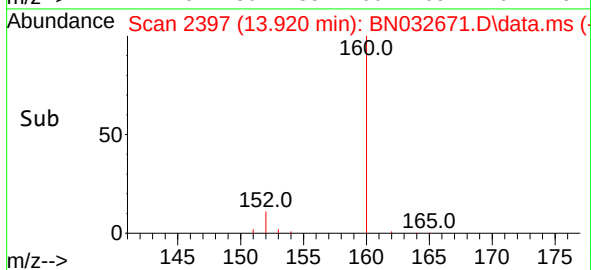
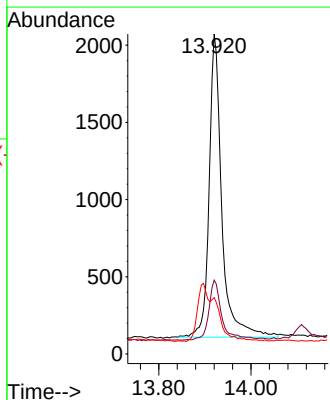
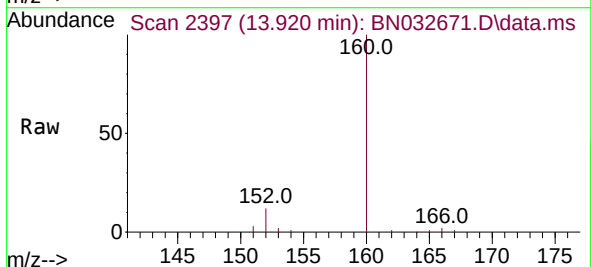
Manual Integrations
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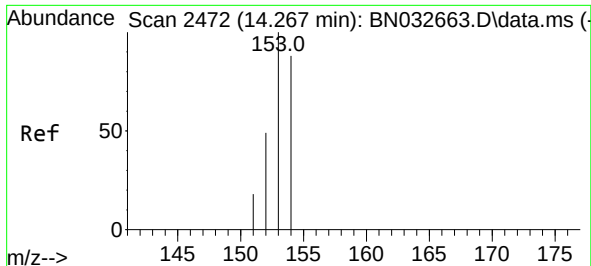
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.113 ng/u1
RT: 13.920 min Scan# 2397
Delta R.T. -0.023 min
Lab File: BN032671.D
Acq: 12 Jul 2024 13:46

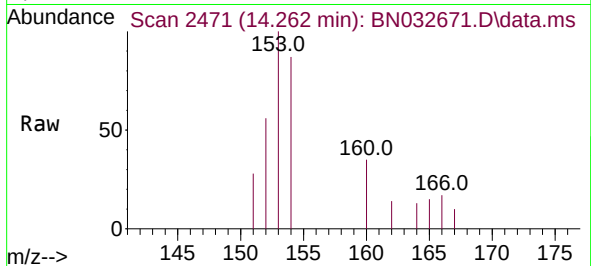
Tgt Ion:152 Resp: 3752
Ion Ratio Lower Upper
152 100
151 23.1 16.3 24.5
153 17.6 11.3 16.9





#11
Acenaphthene
Concen: 0.040 ng/u1
RT: 14.262 min Scan# 2471
Delta R.T. -0.018 min
Lab File: BN032671.D
Acq: 12 Jul 2024 13:46

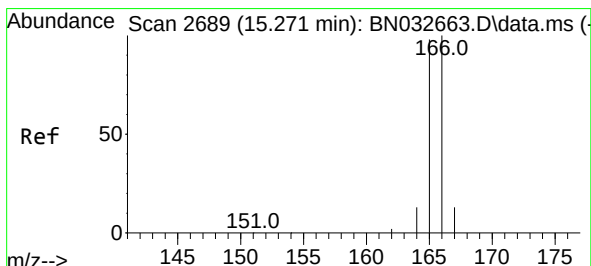
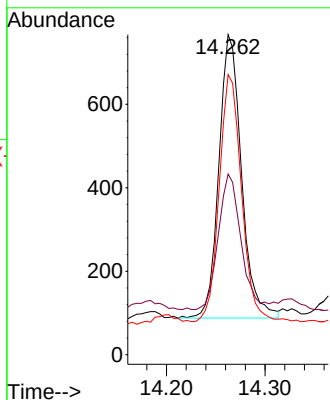
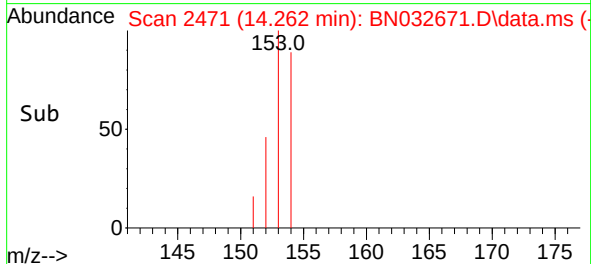
Instrument :
BNA_N
ClientSampleId :
A4CE6



Tgt Ion:153 Resp: 1080
Ion Ratio Lower Upper
153 100
152 56.5 40.0 60.0
154 87.5 70.2 105.4

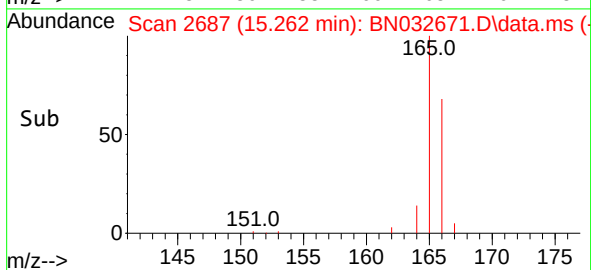
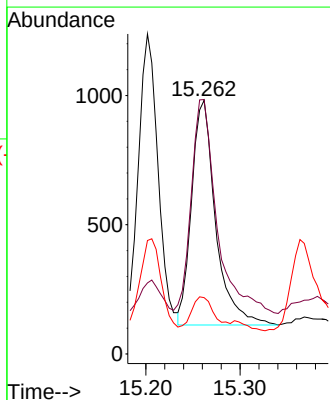
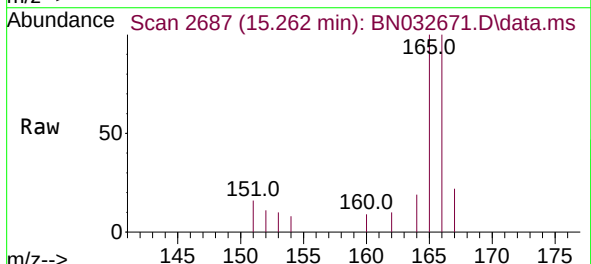
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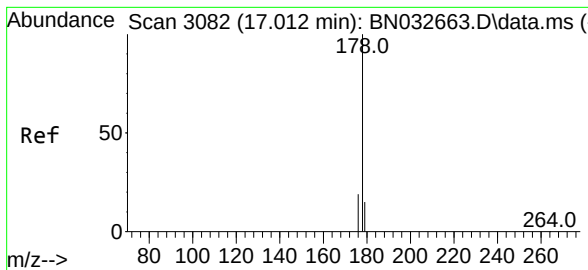
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.049 ng/u1
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032671.D
Acq: 12 Jul 2024 13:46

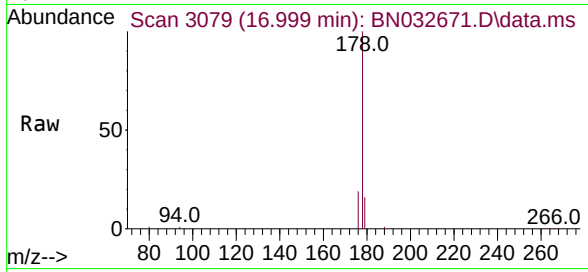
Tgt Ion:166 Resp: 1540
Ion Ratio Lower Upper
166 100
165 100.3 79.7 119.5
167 22.2 11.4 17.2#





#15
 Phenanthrene
 Concen: 0.671 ng/ul m
 RT: 16.999 min Scan# 3082
 Delta R.T. -0.029 min
 Lab File: BN032671.D
 Acq: 12 Jul 2024 13:46

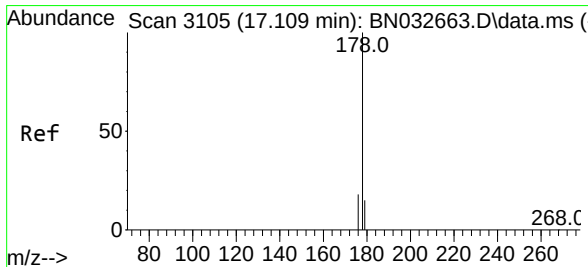
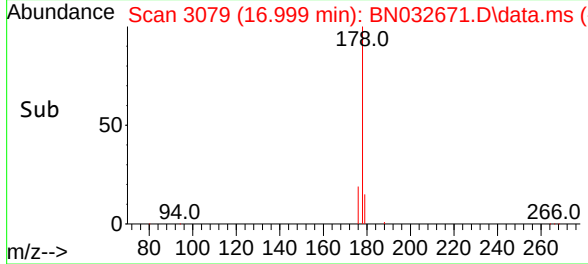
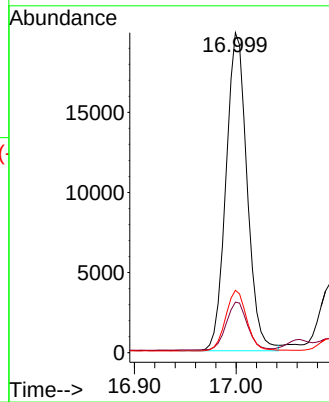
Instrument :
 BNA_N
 ClientSampleId :
 A4CE6



Tgt Ion:178 Resp: 28659
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.0 19.4
 176 19.5 15.6 23.4

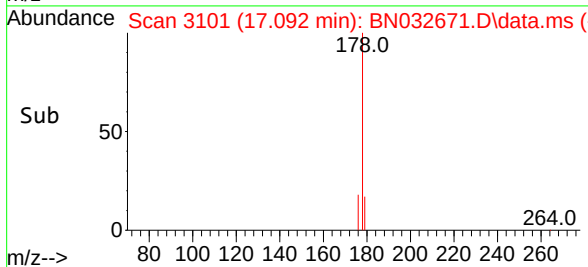
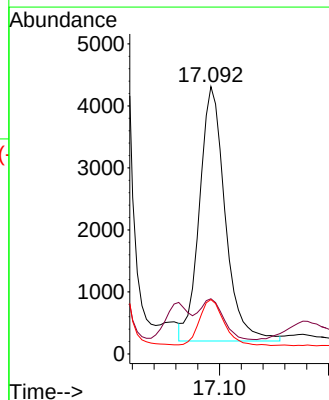
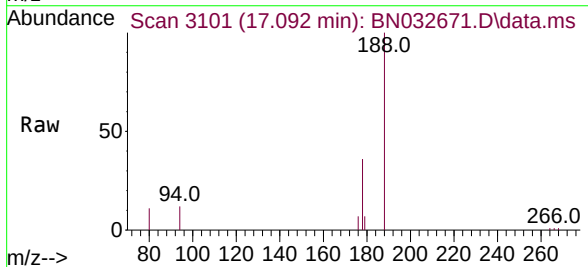
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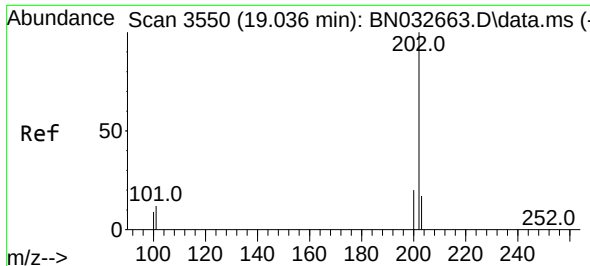
Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024



#16
 Anthracene
 Concen: 0.193 ng/ul m
 RT: 17.092 min Scan# 3101
 Delta R.T. -0.046 min
 Lab File: BN032671.D
 Acq: 12 Jul 2024 13:46

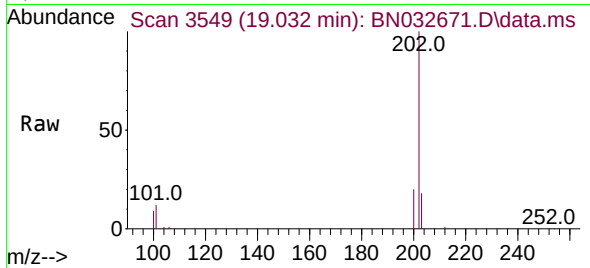
Tgt Ion:178 Resp: 6719
 Ion Ratio Lower Upper
 178 100
 179 20.6 13.4 20.2#
 176 20.3 15.4 23.0





#19
Fluoranthene
Concen: 1.217 ng/ul
RT: 19.032 min Scan# 3549
Delta R.T. -0.023 min
Lab File: BN032671.D
Acq: 12 Jul 2024 13:46

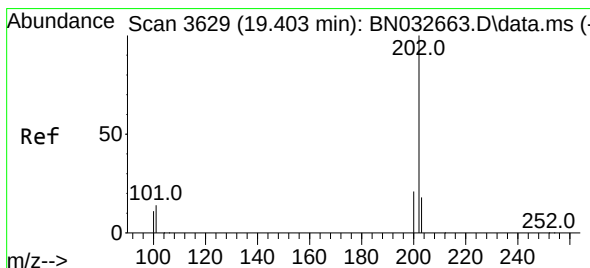
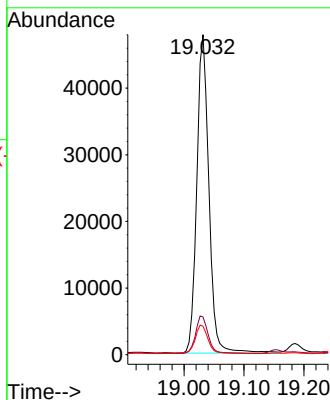
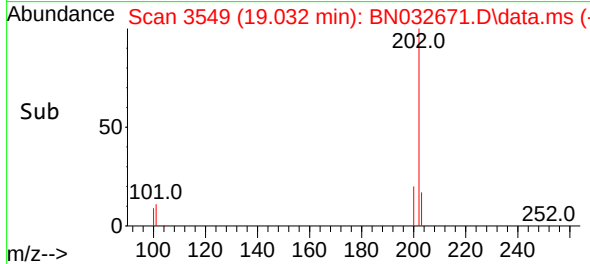
Instrument :
BNA_N
ClientSampleId :
A4CE6



Tgt Ion:202 Resp: 67083
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.9 7.9 11.9

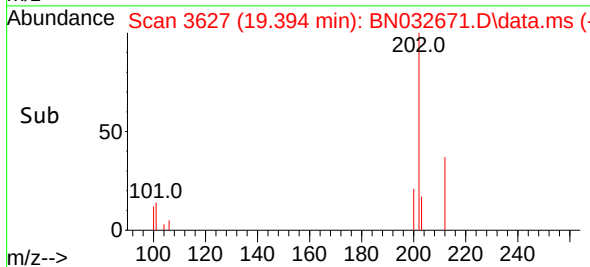
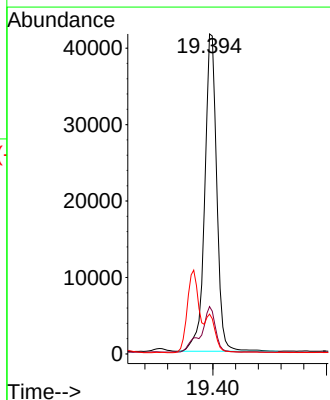
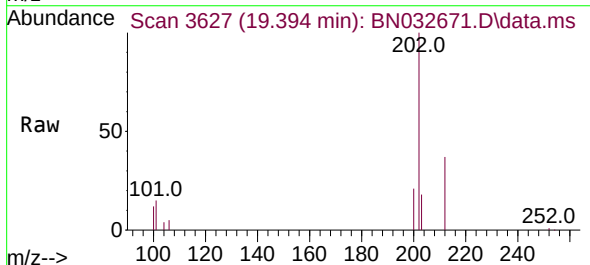
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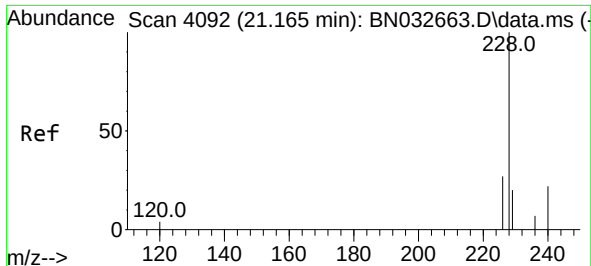
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 1.067 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032671.D
Acq: 12 Jul 2024 13:46

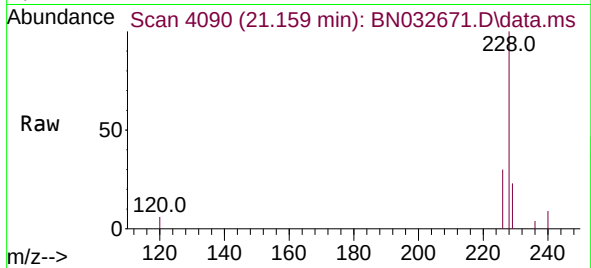
Tgt Ion:202 Resp: 60849
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 12.4 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.815 ng/ul
RT: 21.159 min Scan# 4090
Delta R.T. -0.023 min
Lab File: BN032671.D
Acq: 12 Jul 2024 13:46

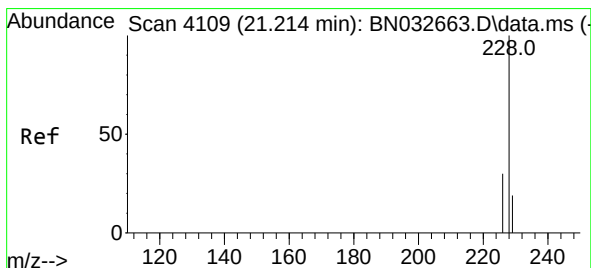
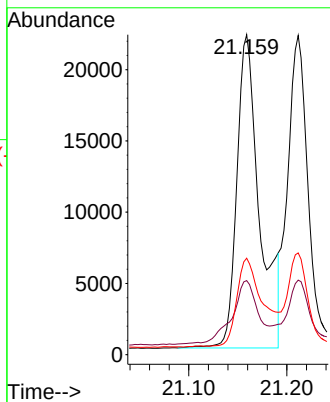
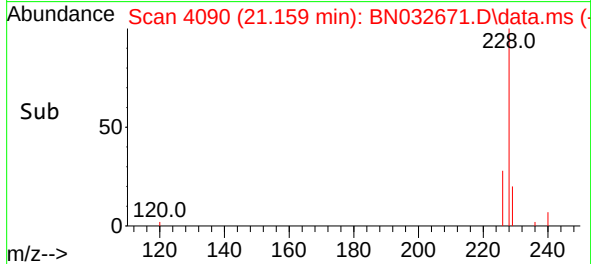
Instrument :
BNA_N
ClientSampleId :
A4CE6



Tgt Ion:228 Resp: 35178
Ion Ratio Lower Upper
228 100
229 23.1 16.1 24.1
226 30.1 21.9 32.9

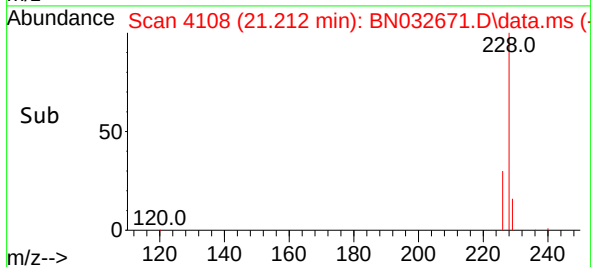
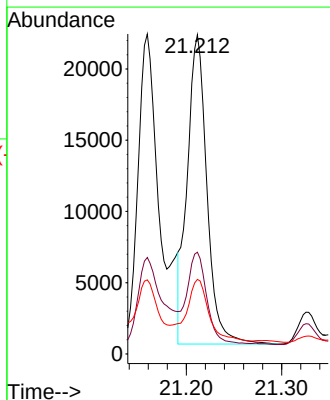
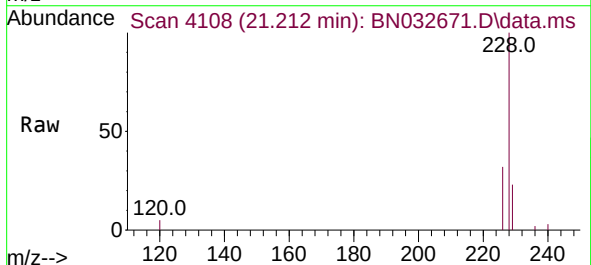
Manual Integrations
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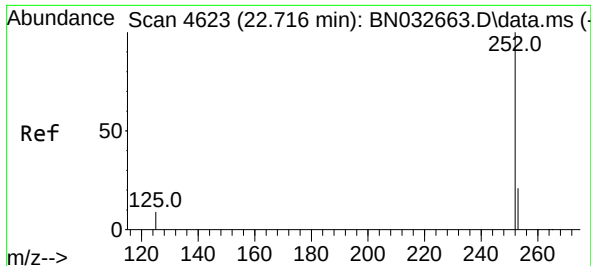
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.499 ng/ul
RT: 21.212 min Scan# 4108
Delta R.T. -0.020 min
Lab File: BN032671.D
Acq: 12 Jul 2024 13:46

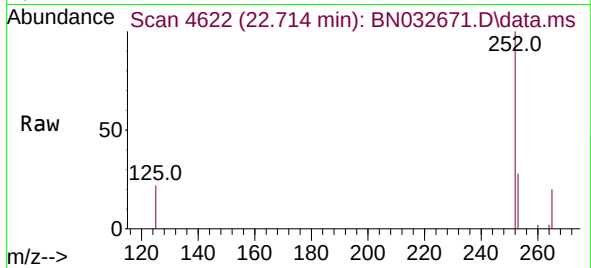
Tgt Ion:228 Resp: 31153
Ion Ratio Lower Upper
228 100
226 31.9 24.0 36.0
229 23.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.985 ng/ul m
RT: 22.714 min Scan# 4622
Delta R.T. -0.020 min
Lab File: BN032671.D
Acq: 12 Jul 2024 13:46

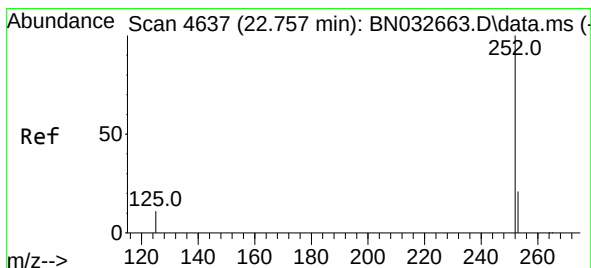
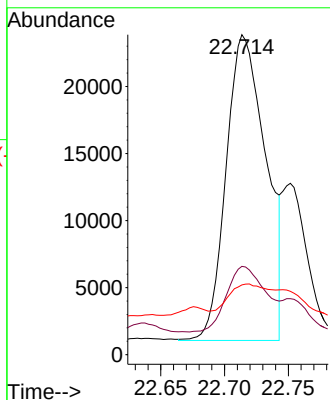
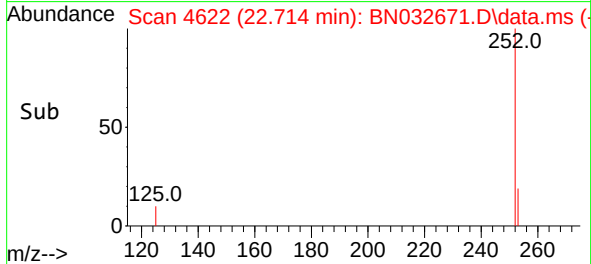
Instrument :
BNA_N
ClientSampleId :
A4CE6



Tgt Ion:252 Resp: 4944
Ion Ratio Lower Upper
252 100
253 27.6 0.0 54.0
125 21.8 0.0 36.0

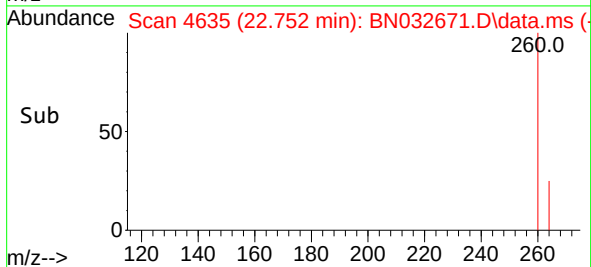
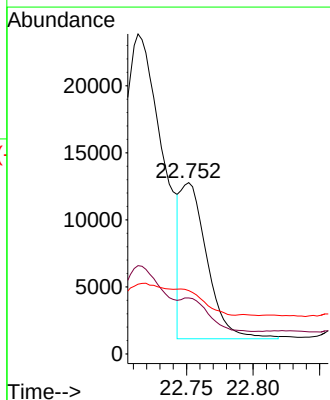
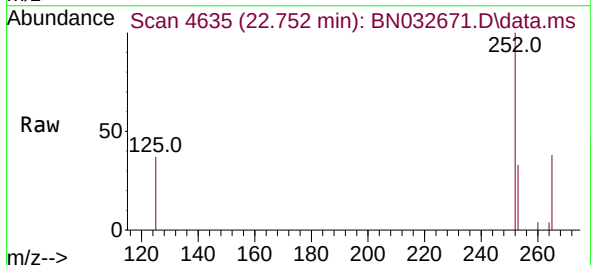
Manual Integrations
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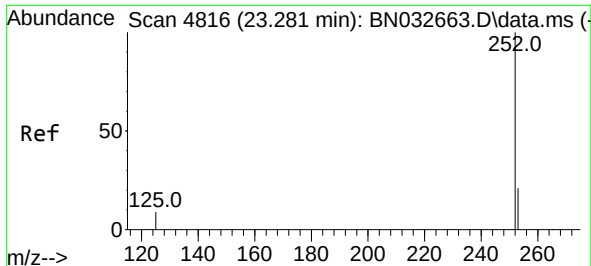
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.267 ng/ul m
RT: 22.752 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032671.D
Acq: 12 Jul 2024 13:46

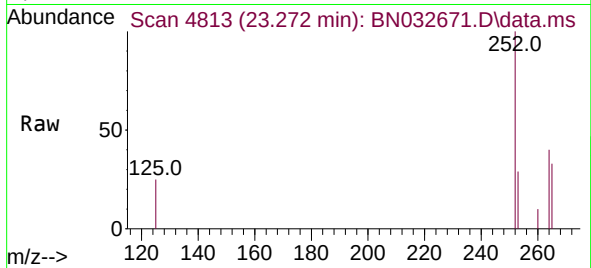
Tgt Ion:252 Resp: 16312
Ion Ratio Lower Upper
252 100
253 32.7 21.2 31.8#
125 37.0 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.763 ng/ul
RT: 23.272 min Scan# 4816
Delta R.T. -0.038 min
Lab File: BN032671.D
Acq: 12 Jul 2024 13:46

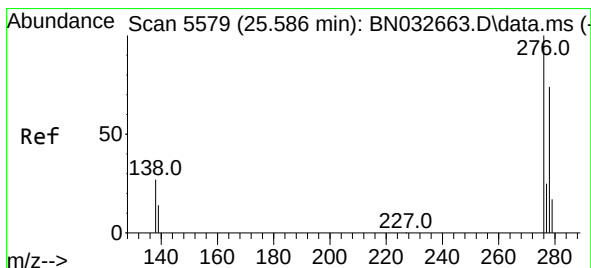
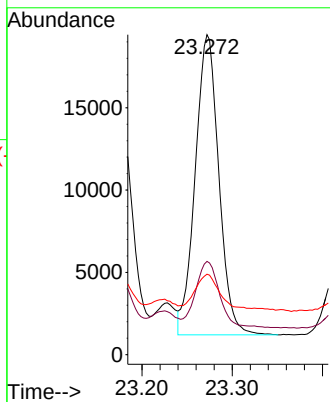
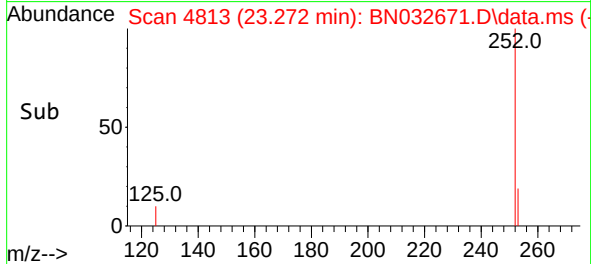
Instrument :
BNA_N
ClientSampleId :
A4CE6



Tgt Ion:252 Resp: 33124
Ion Ratio Lower Upper
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125 25.1 20.6 30.8

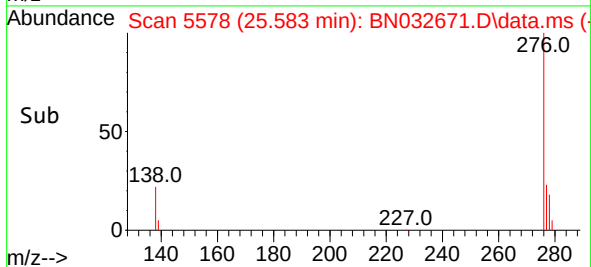
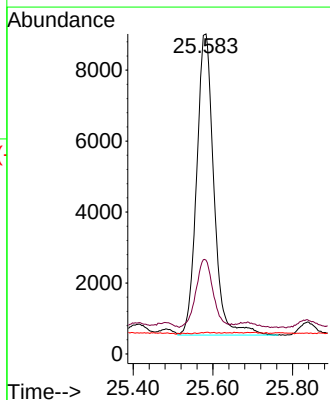
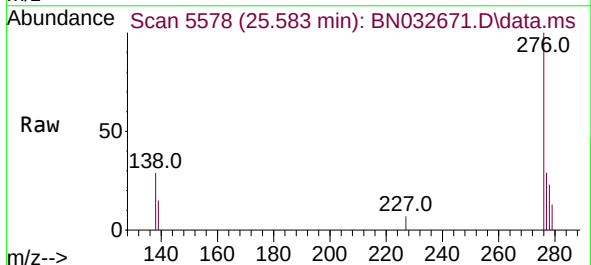
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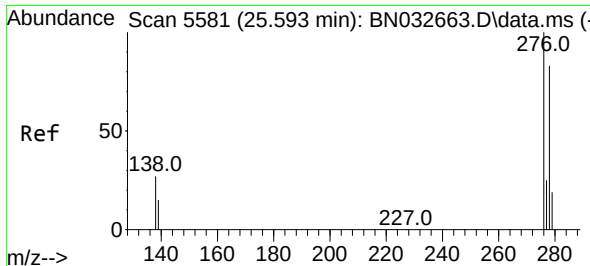
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 25.583 min Scan# 5578
Delta R.T. -0.043 min
Lab File: BN032671.D
Acq: 12 Jul 2024 13:46

Tgt Ion:276 Resp: 25502
Ion Ratio Lower Upper
276 100
138 22.7 21.6 32.4
227 0.2 0.0 0.0#





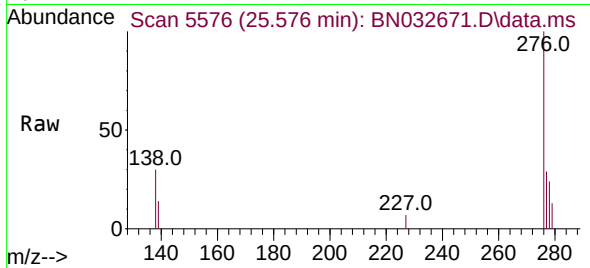
#28
Dibenzo(a,h)anthracene
Concen: 0.129 ng/ul
RT: 25.576 min Scan# 5576
Delta R.T. -0.064 min
Lab File: BN032671.D
Acq: 12 Jul 2024 13:46

Instrument :

BNA_N

ClientSampleId :

A4CE6



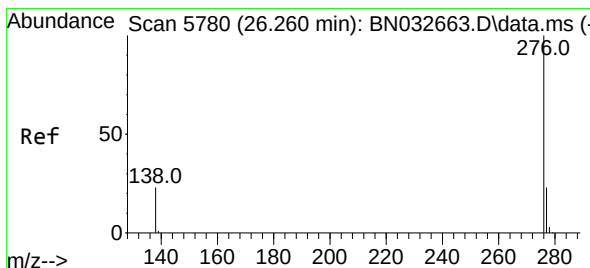
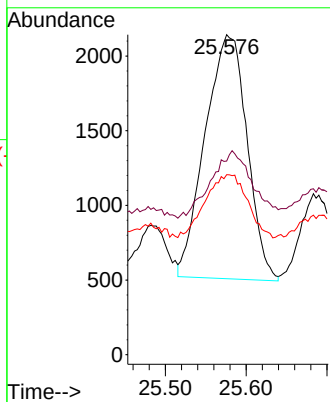
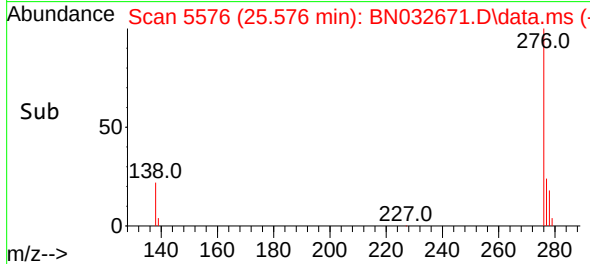
Tgt Ion:278 Resp: 5898
Ion Ratio Lower Upper
278 100
139 60.5 16.6 24.8
279 56.3 23.7 35.5

Manual Integrations

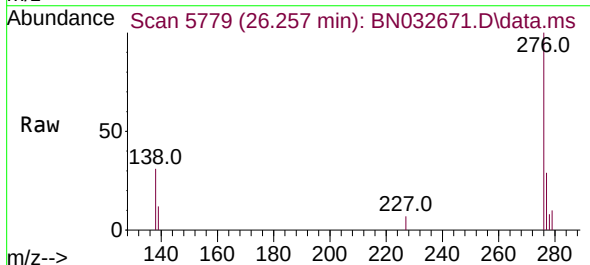
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.508 ng/ul
RT: 26.257 min Scan# 5779
Delta R.T. -0.043 min
Lab File: BN032671.D
Acq: 12 Jul 2024 13:46



Tgt Ion:276 Resp: 24961
Ion Ratio Lower Upper
276 100
138 31.2 21.0 31.4
277 29.3 20.6 31.0

