

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032682.D
 Acq On : 12 Jul 2024 21:00
 Operator : MA/JU
 Sample : P3035-07DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 00:03:47 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	5463	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	15722	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	8189	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	15386	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240	13836	0.400	ng/ul	-0.02
23) Perylene-d12	23.362	264	16096m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	3642	0.555	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	944	0.040	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	2055	0.046	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.376	128	869	0.021	ng/ul#	65
10) Acenaphthylene	13.925	152	7342	0.222	ng/ul	98
11) Acenaphthene	14.267	153	1141	0.042	ng/ul	97
12) Fluorene	15.262	166	2352	0.075	ng/ul#	95
15) Phenanthrene	16.999	178	47065	1.123	ng/ul	99
16) Anthracene	17.096	178	9208	0.269	ng/ul	96
19) Fluoranthene	19.031	202	98160	1.745	ng/ul	97
20) Pyrene	19.394	202	78464	1.348	ng/ul	100
21) Benzo(a)anthracene	21.153	228	49596	1.126	ng/ul	95
22) Chrysene	21.206	228	47338	0.743	ng/ul	96
24) Benzo(b)fluoranthene	22.708	252	71139m	1.253	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	23775m	0.344	ng/ul	
26) Benzo(a)pyrene	23.266	252	27469	0.559	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.572	276	27428	0.412	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.569	278	9098	0.176	ng/ul#	58
29) Benzo(g,h,i)perylene	26.250	276	4214	0.076	ng/ul#	47

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

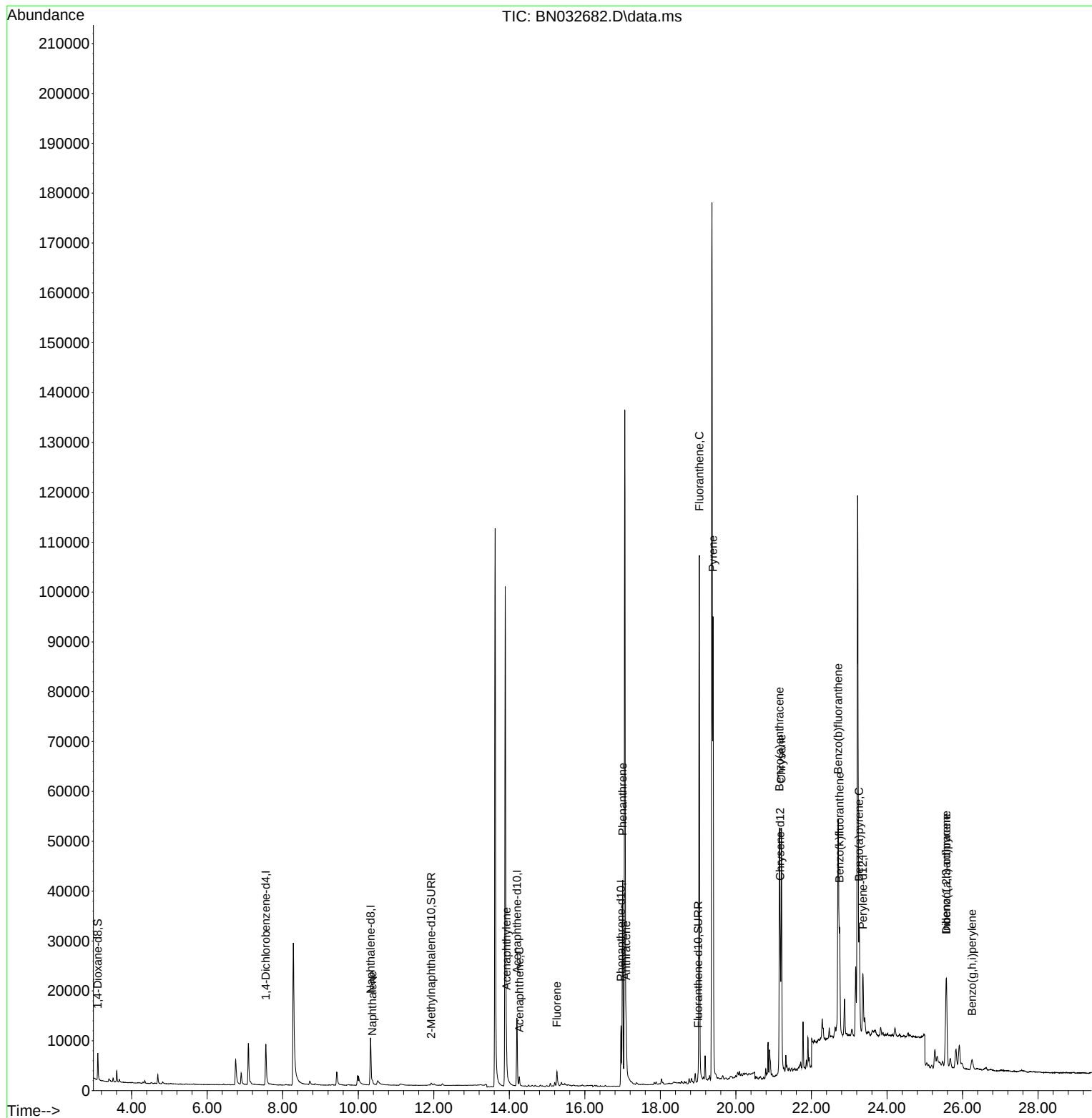
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032682.D
Acq On : 12 Jul 2024 21:00
Operator : MA/JU
Sample : P3035-07DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

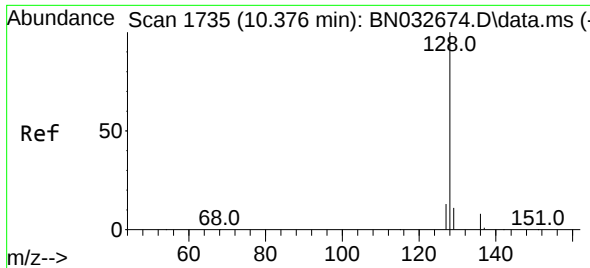
Instrument :
BNA_N
ClientSampleId :
A4CX3DL

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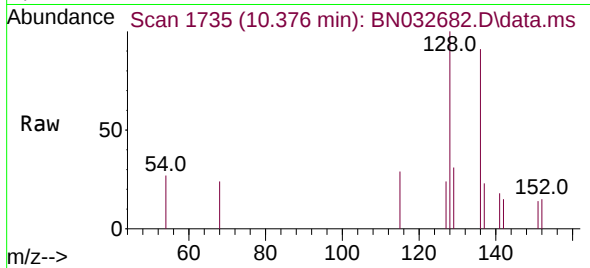
Quant Time: Jul 13 00:03:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/u1
RT: 10.376 min Scan# 11
Delta R.T. -0.033 min
Lab File: BN032682.D
Acq: 12 Jul 2024 21:00

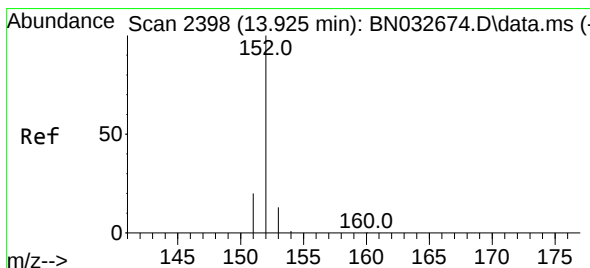
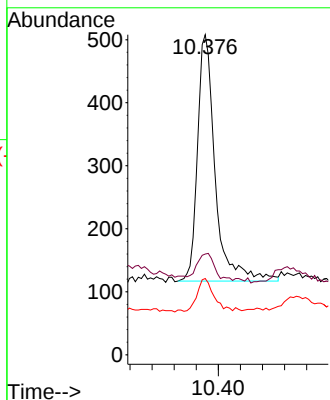
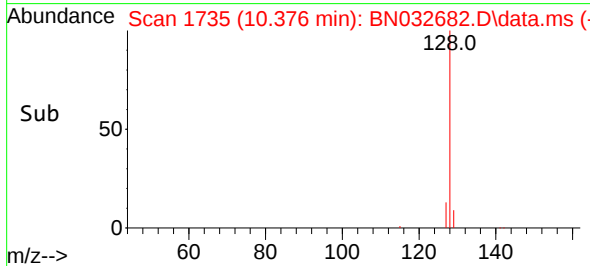
Instrument :
BNA_N
ClientSampleId :
A4CX3DL



Tgt Ion:128 Resp: 869
Ion Ratio Lower Upper
128 100
129 31.5 10.0 15.0
127 23.8 11.6 17.4

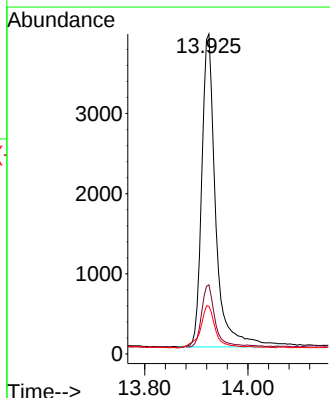
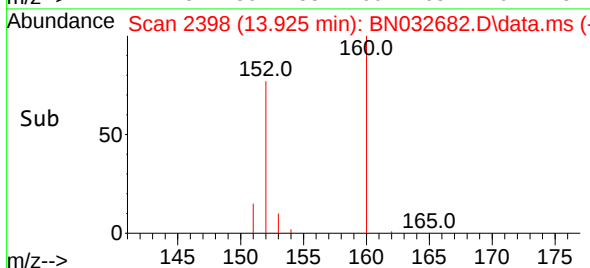
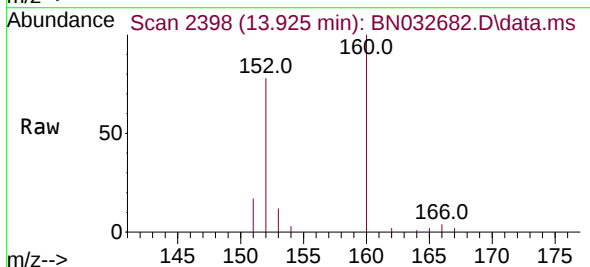
Manual Integrations
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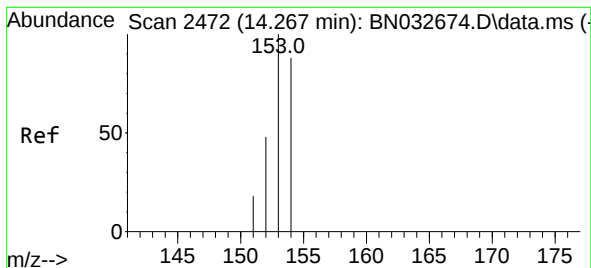
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.222 ng/u1
RT: 13.925 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032682.D
Acq: 12 Jul 2024 21:00

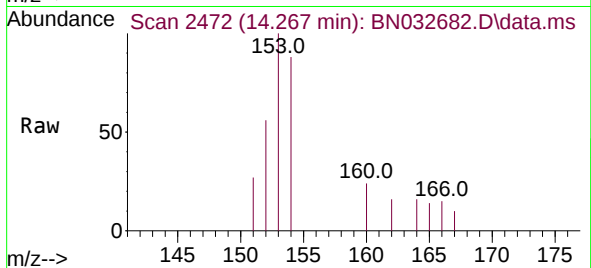
Tgt Ion:152 Resp: 7342
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 14.9 11.3 16.9





#11
Acenaphthene
Concen: 0.042 ng/ul
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032682.D
Acq: 12 Jul 2024 21:00

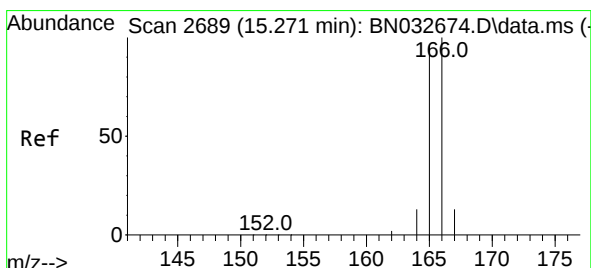
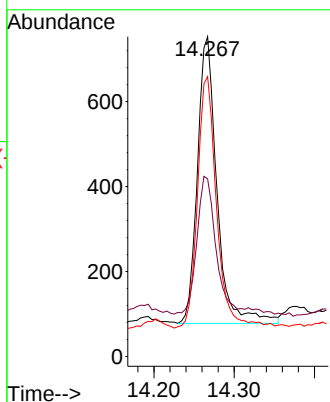
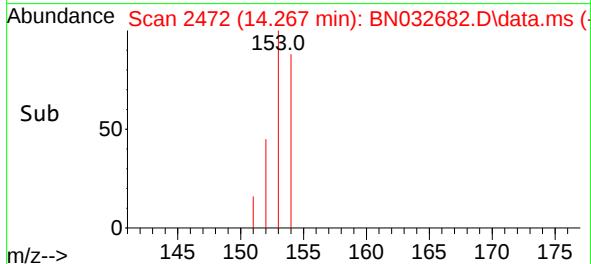
Instrument :
BNA_N
ClientSampleId :
A4CX3DL



Tgt Ion:153 Resp: 114
Ion Ratio Lower Upper
153 100
152 55.5 40.0 60.0
154 87.5 70.2 105.4

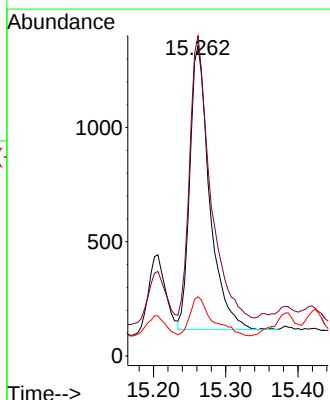
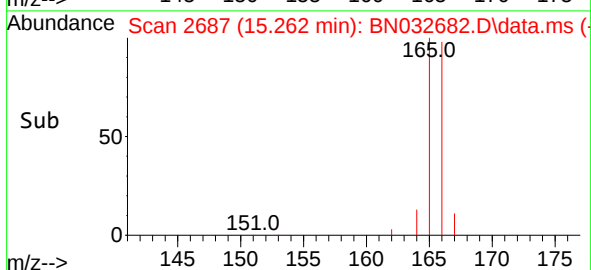
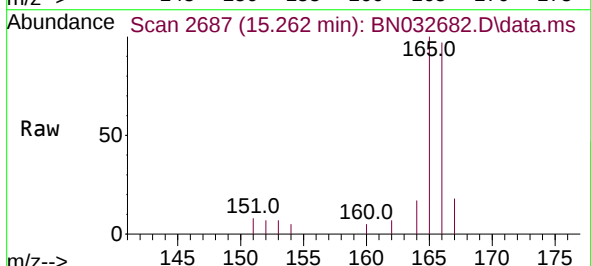
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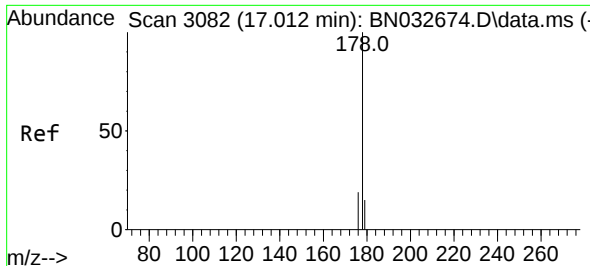
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.075 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032682.D
Acq: 12 Jul 2024 21:00

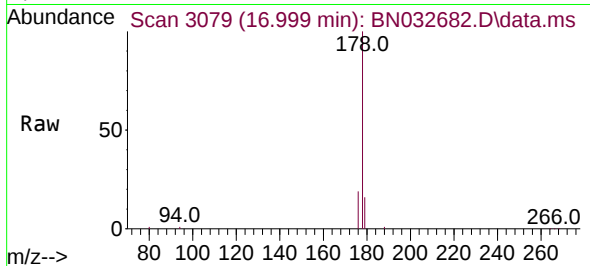
Tgt Ion:166 Resp: 2352
Ion Ratio Lower Upper
166 100
165 103.2 79.7 119.5
167 19.1 11.4 17.2#





#15
Phenanthrene
Concen: 1.123 ng/ul
RT: 16.999 min Scan# 3082
Delta R.T. -0.030 min
Lab File: BN032682.D
Acq: 12 Jul 2024 21:00

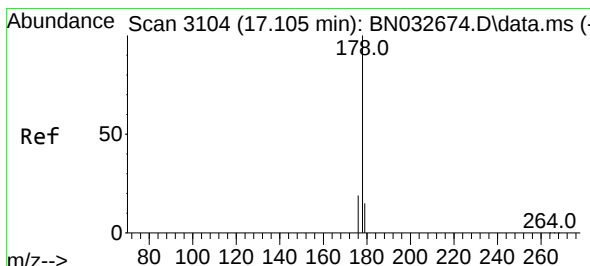
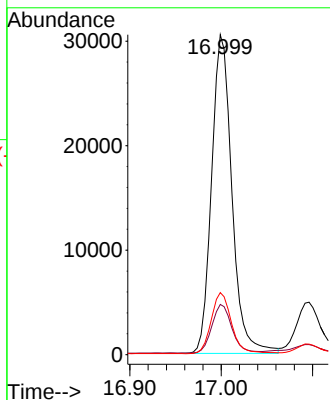
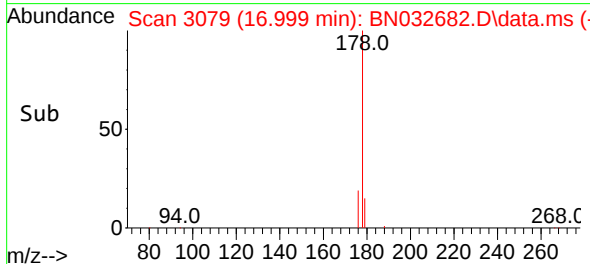
Instrument :
BNA_N
ClientSampleId :
A4CX3DL



Tgt Ion:178 Resp: 47065
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 19.4 15.6 23.4

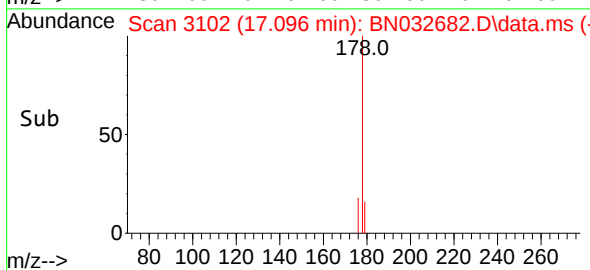
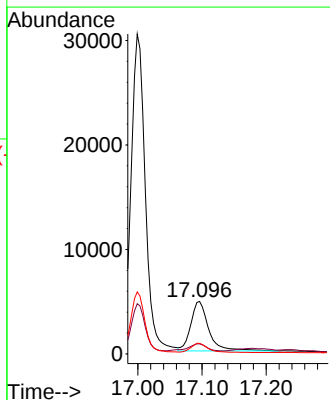
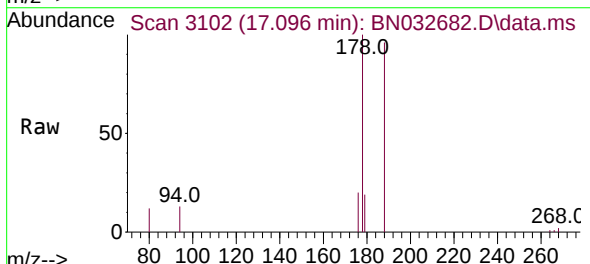
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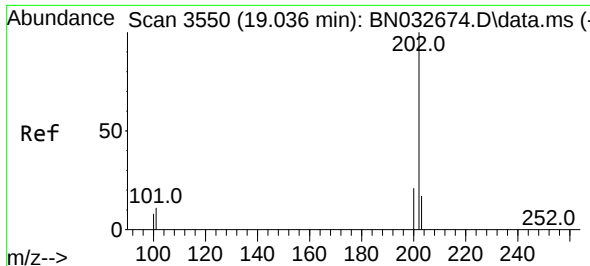
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 0.269 ng/ul
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032682.D
Acq: 12 Jul 2024 21:00

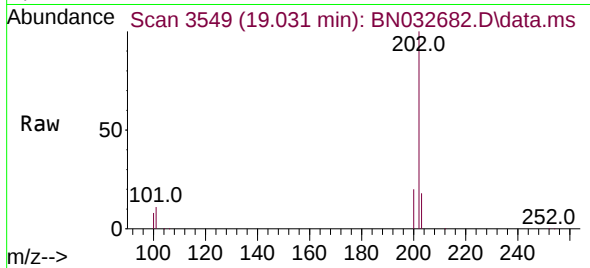
Tgt Ion:178 Resp: 9208
Ion Ratio Lower Upper
178 100
179 19.4 13.4 20.2
176 20.0 15.4 23.0





#19
Fluoranthene
Concen: 1.745 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.023 min
Lab File: BN032682.D
Acq: 12 Jul 2024 21:00

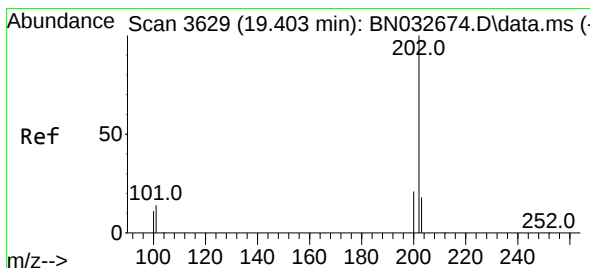
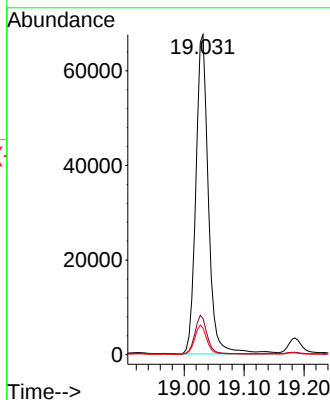
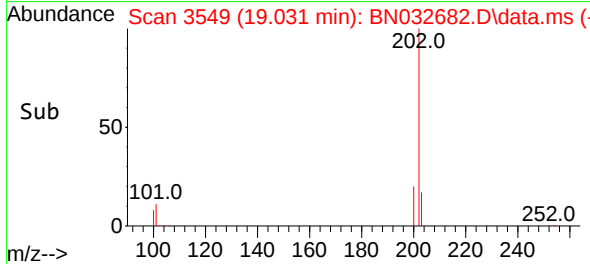
Instrument :
BNA_N
ClientSampleId :
A4CX3DL



Tgt Ion:202 Resp: 98160
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 8.3 7.9 11.9

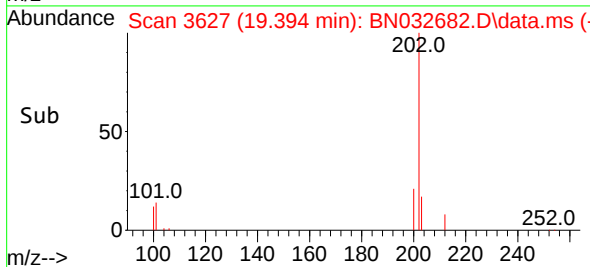
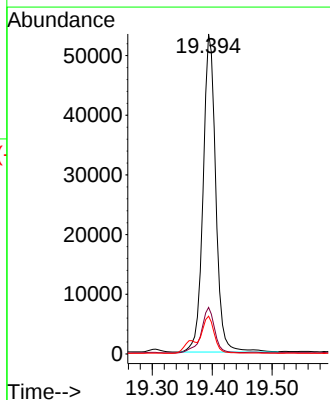
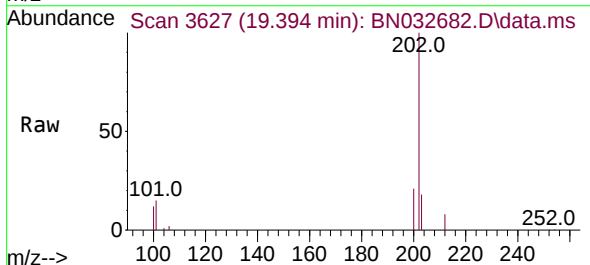
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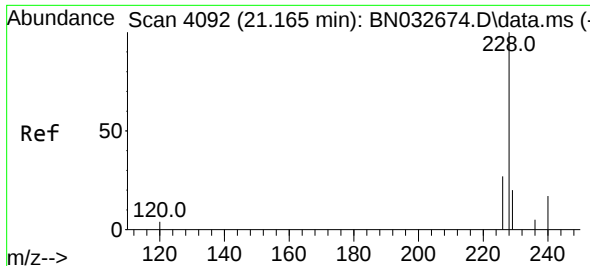
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 1.348 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032682.D
Acq: 12 Jul 2024 21:00

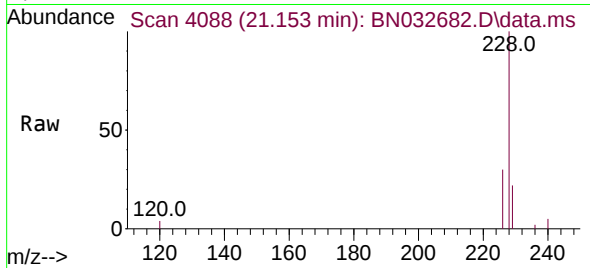
Tgt Ion:202 Resp: 78464
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.6
100 11.8 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.126 ng/ul
RT: 21.153 min Scan# 4092
Delta R.T. -0.029 min
Lab File: BN032682.D
Acq: 12 Jul 2024 21:00

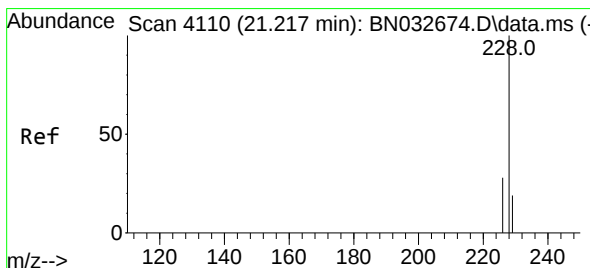
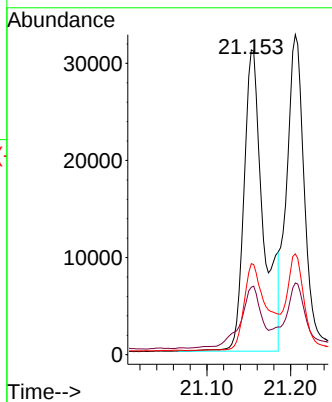
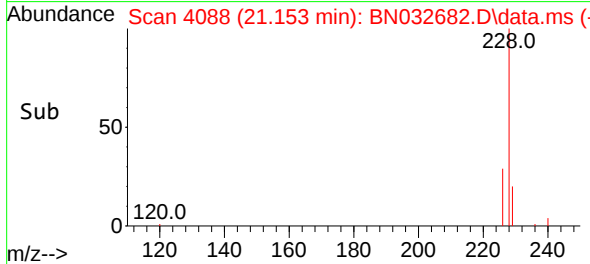
Instrument :
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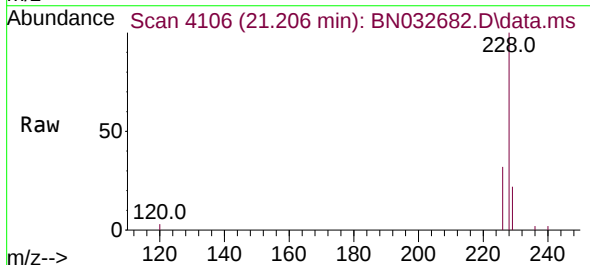
Tgt Ion:228 Resp: 49590
Ion Ratio Lower Upper
228 100
229 22.2 16.1 24.1
226 29.9 21.9 32.9

Manual Integrations
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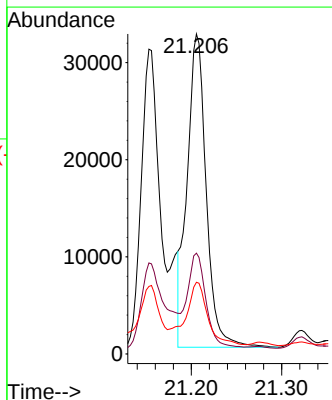
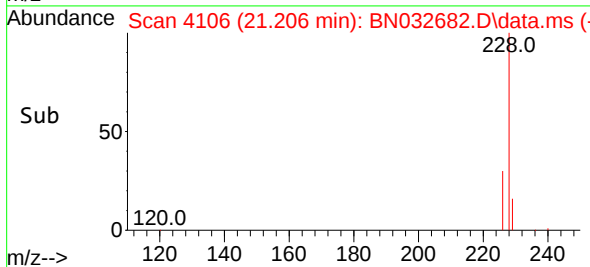
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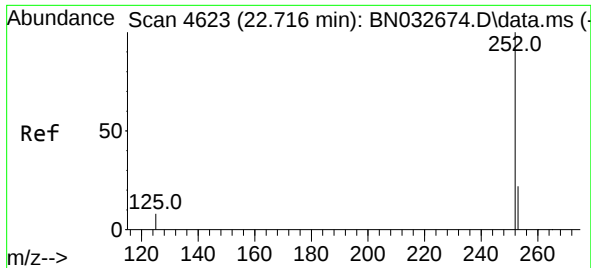


#22
Chrysene
Concen: 0.743 ng/ul
RT: 21.206 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032682.D
Acq: 12 Jul 2024 21:00



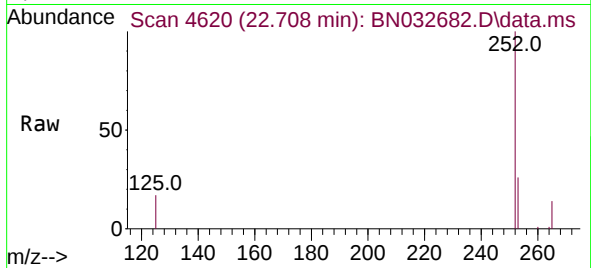
Tgt Ion:228 Resp: 47338
Ion Ratio Lower Upper
228 100
226 31.5 24.0 36.0
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.253 ng/ul m
RT: 22.708 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032682.D
Acq: 12 Jul 2024 21:00

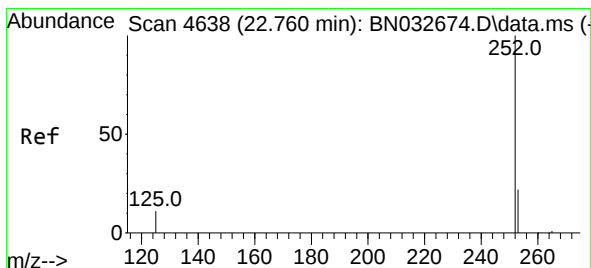
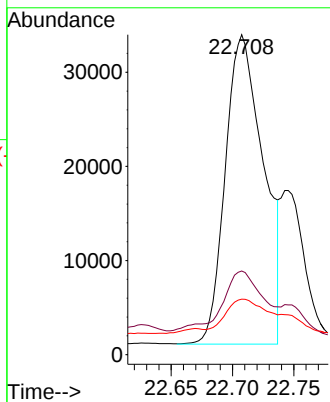
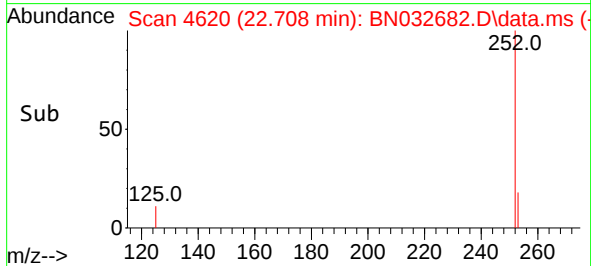
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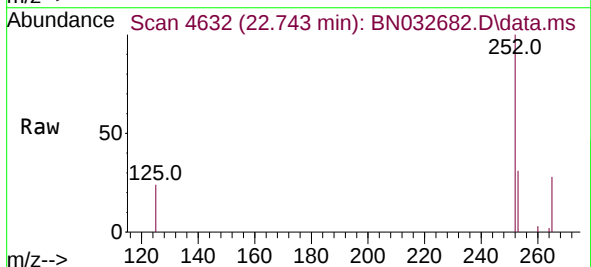
Tgt Ion:252 Resp: 71139
Ion Ratio Lower Upper
252 100
253 26.1 0.0 54.0
125 17.4 0.0 36.0

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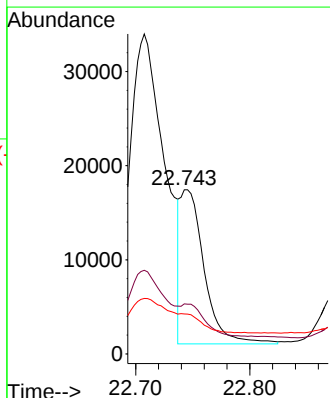
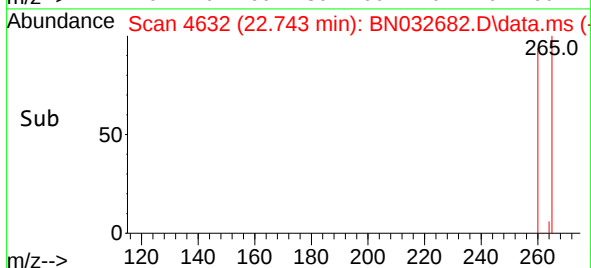
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

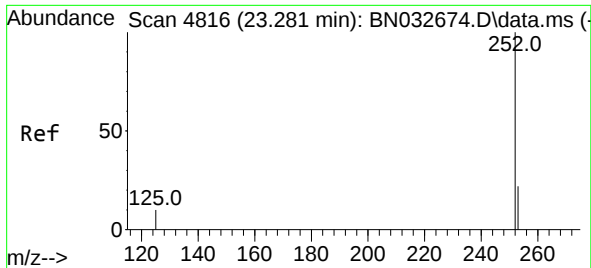


#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul m
RT: 22.743 min Scan# 4632
Delta R.T. -0.035 min
Lab File: BN032682.D
Acq: 12 Jul 2024 21:00



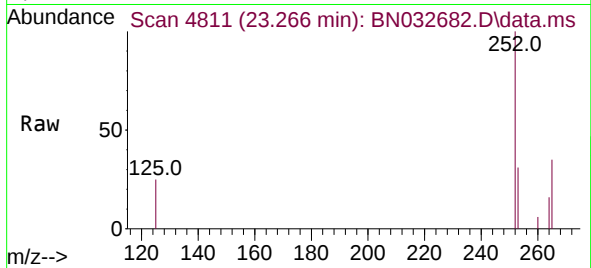
Tgt Ion:252 Resp: 23775
Ion Ratio Lower Upper
252 100
253 30.5 21.2 31.8
125 24.3 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.559 ng/ul
RT: 23.266 min Scan# 4816
Delta R.T. -0.044 min
Lab File: BN032682.D
Acq: 12 Jul 2024 21:00

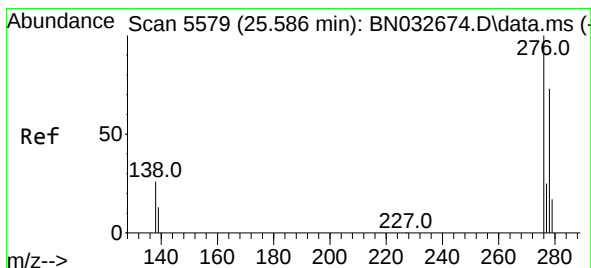
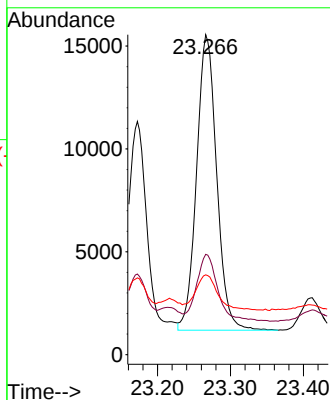
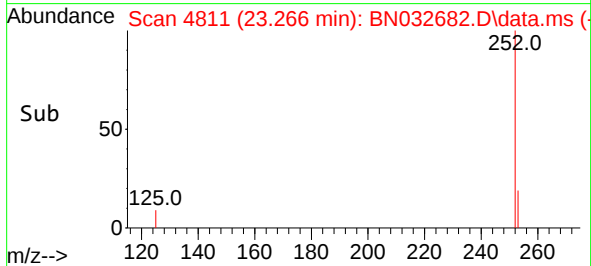
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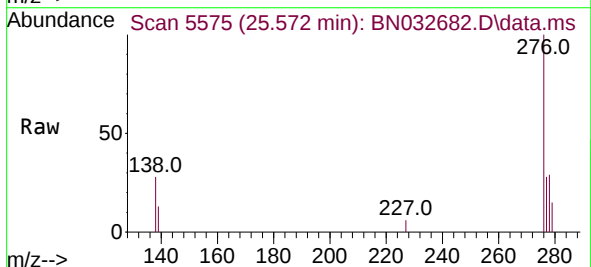
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125 25.0 20.6 30.8

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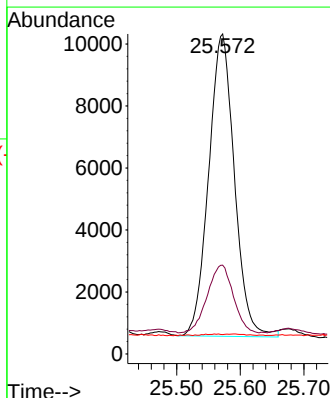
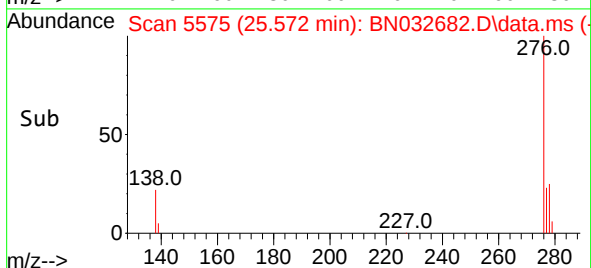
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

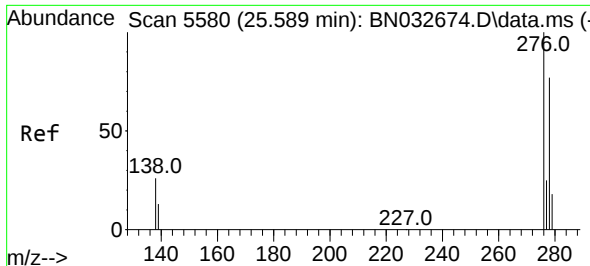


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 25.572 min Scan# 5575
Delta R.T. -0.054 min
Lab File: BN032682.D
Acq: 12 Jul 2024 21:00



Tgt Ion:276 Resp: 27428
Ion Ratio Lower Upper
276 100
138 23.0 21.6 32.4
227 0.3 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.176 ng/ul

RT: 25.569 min Scan# 51

Delta R.T. -0.070 min

Lab File: BN032682.D

Acq: 12 Jul 2024 21:00

Instrument :

BNA_N

ClientSampleId :

A4CX3DL

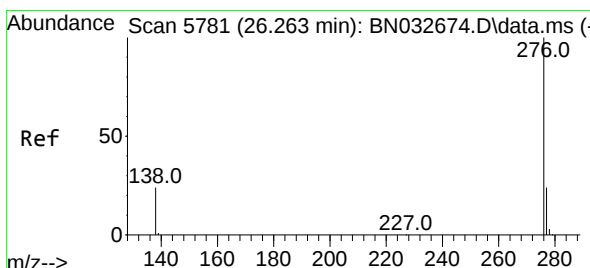
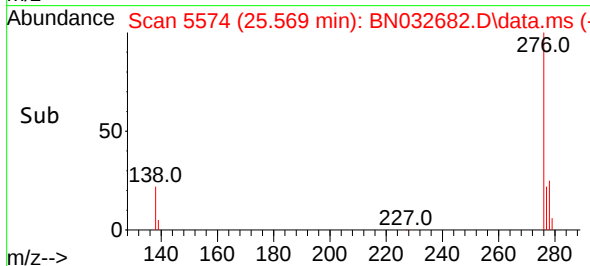
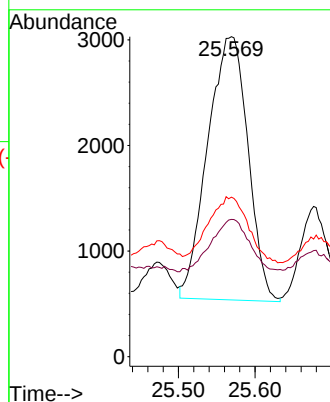
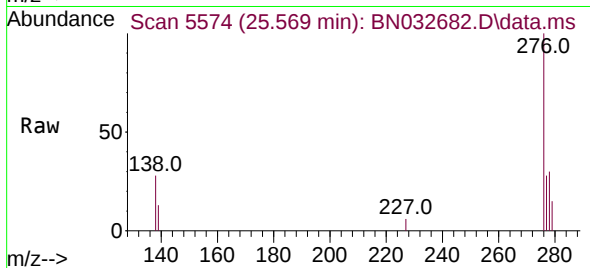
Tgt Ion:278 Resp: 9098
 Ion Ratio Lower Upper
 278 100
 139 42.9 16.6 24.8#
 279 49.9 23.7 35.5#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#29

Benzo(g,h,i)perylene

Concen: 0.076 ng/ul

RT: 26.250 min Scan# 5777

Delta R.T. -0.050 min

Lab File: BN032682.D

Acq: 12 Jul 2024 21:00

Tgt Ion:276 Resp: 4214
 Ion Ratio Lower Upper
 276 100
 138 52.7 21.0 31.4#
 277 53.6 20.6 31.0#

