

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032407.D
 Acq On : 02 Jul 2024 19:00
 Operator : MA/JU
 Sample : P2871-17
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 23:55:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7849	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	24207	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	13790	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	22986m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.211	240	17487m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	19278m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	31179	3.574	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.977	152	10864	0.299	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	17244	0.328	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.426	128	1387	0.022	ng/ul#	74
10) Acenaphthylene	13.971	152	3996	0.070	ng/ul#	89
11) Acenaphthene	14.313	153	1055	0.024	ng/ul#	92
12) Fluorene	15.308	166	1309	0.025	ng/ul#	92
15) Phenanthrene	17.050	178	22247m	0.353	ng/ul	
16) Anthracene	17.138	178	4908m	0.087	ng/ul	
19) Fluoranthene	19.073	202	51249	0.770	ng/ul	95
20) Pyrene	19.440	202	45463	0.653	ng/ul	99
21) Benzo(a)anthracene	21.197	228	23918	0.379	ng/ul	93
22) Chrysene	21.249	228	28323m	0.409	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	41384m	0.494	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	15852m	0.195	ng/ul	
26) Benzo(a)pyrene	23.333	252	25584	0.439	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.666	276	23002	0.252	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.666	278	5366	0.079	ng/ul#	1
29) Benzo(g,h,i)perylene	26.354	276	22632	0.311	ng/ul#	87

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

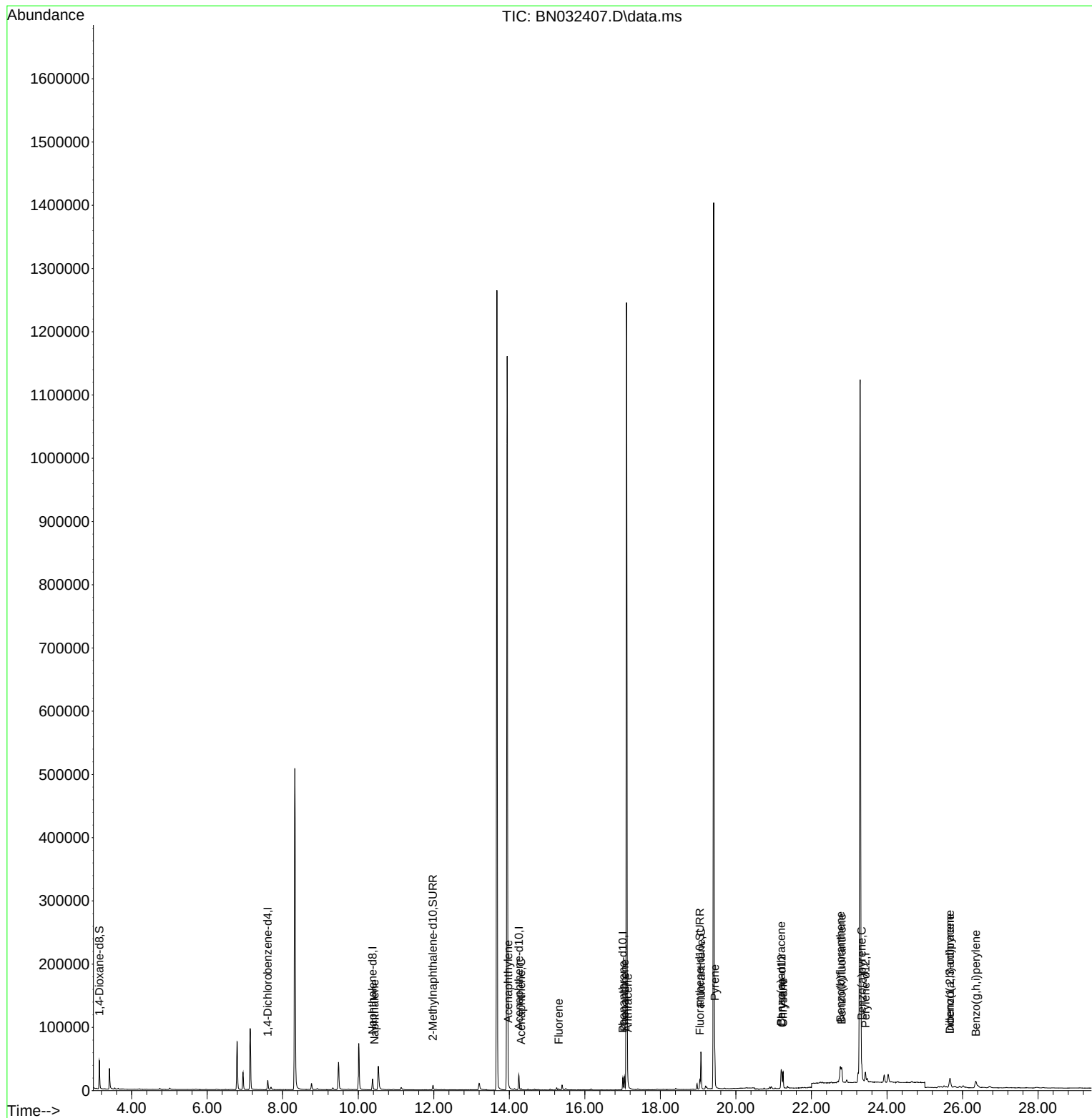
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032407.D
Acq On : 02 Jul 2024 19:00
Operator : MA/JU
Sample : P2871-17
Misc :
ALS Vial : 54 Sample Multiplier: 1

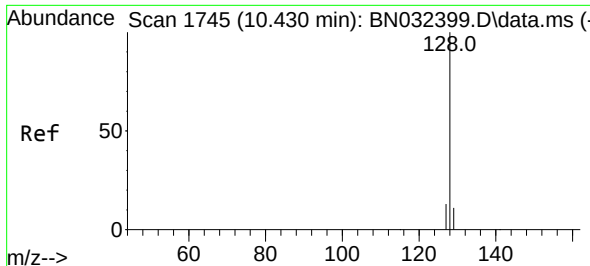
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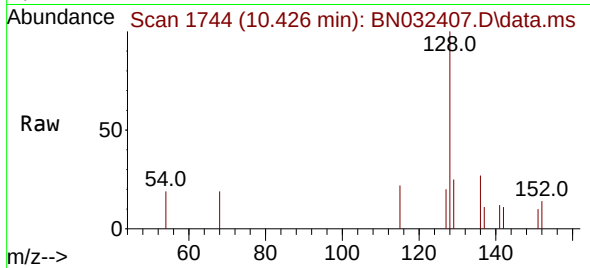
Quant Time: Jul 02 23:55:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.426 min Scan# 11
Delta R.T. -0.022 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

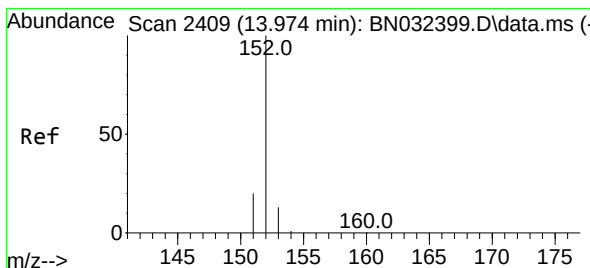
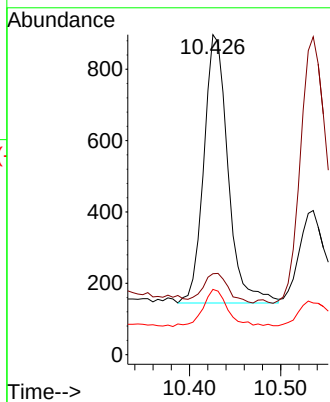
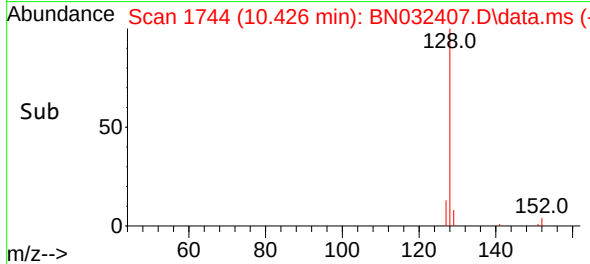
Instrument :
BNA_N
ClientSampleId :
A4CN8



Tgt Ion:128 Resp: 1385
Ion Ratio Lower Upper
128 100
129 25.3 9.2 13.8#
127 20.4 10.8 16.2#

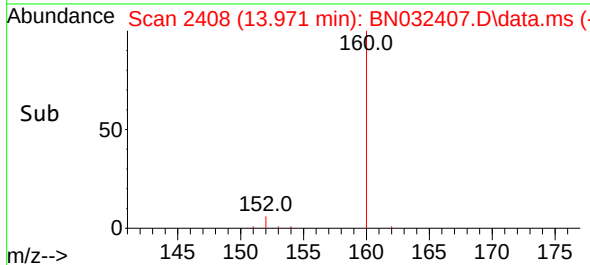
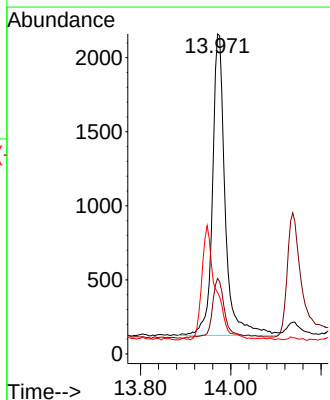
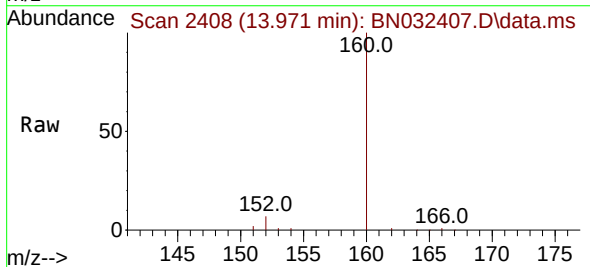
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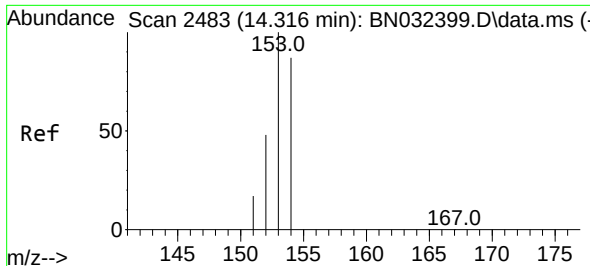
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

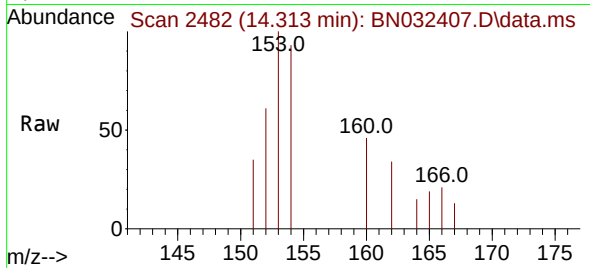
Tgt Ion:152 Resp: 3996
Ion Ratio Lower Upper
152 100
151 23.6 15.7 23.5#
153 19.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

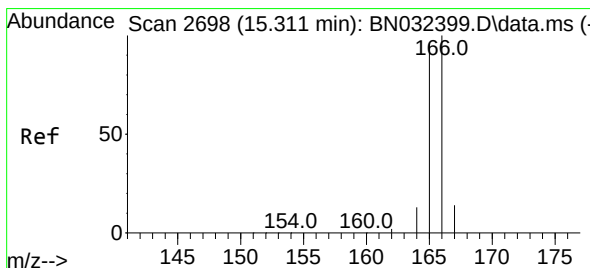
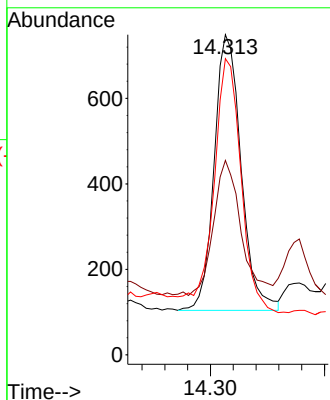
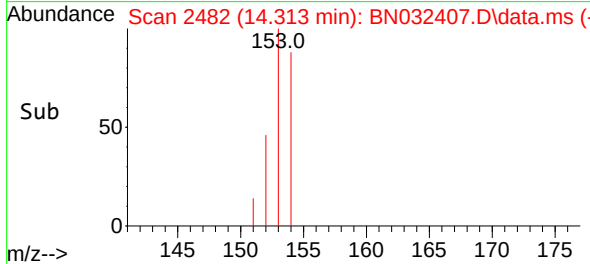
Instrument :
BNA_N
ClientSampleId :
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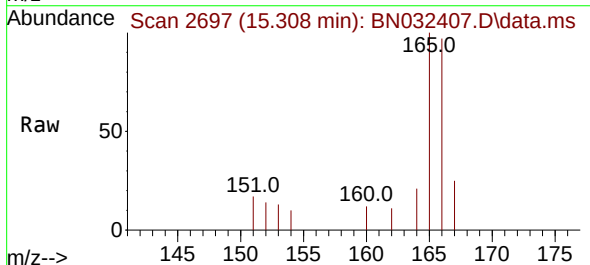
Tgt Ion:153 Resp: 105
Ion Ratio Lower Upper
153 100
152 60.7 39.5 59.3
154 92.5 71.7 107.5

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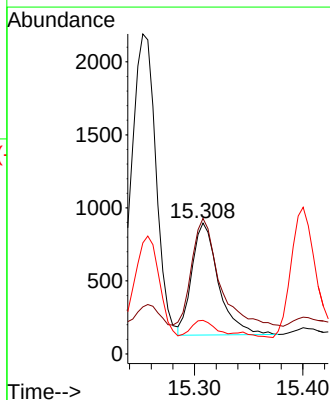
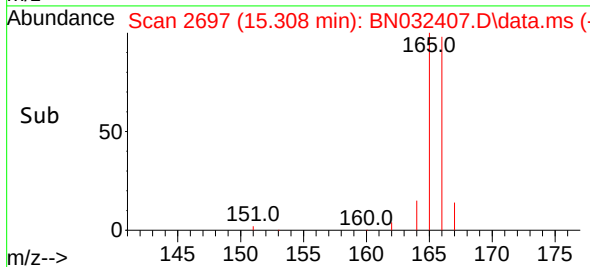
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

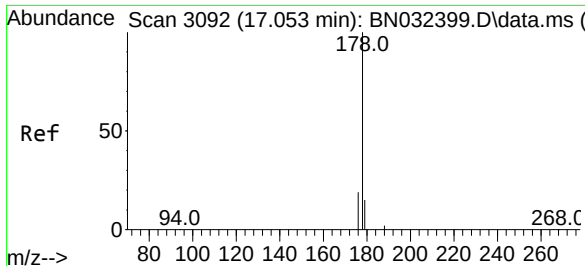


#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00



Tgt Ion:166 Resp: 1309
Ion Ratio Lower Upper
166 100
165 103.6 79.0 118.6
167 25.7 11.0 16.6#





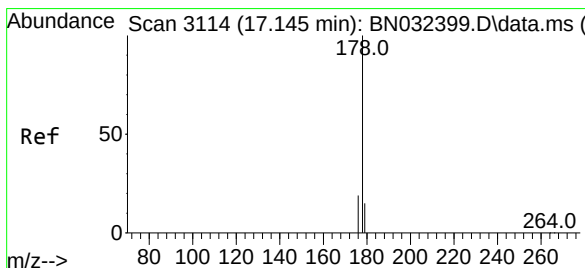
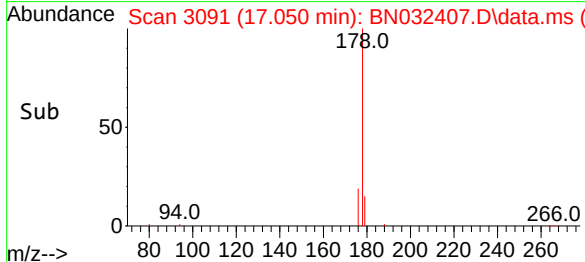
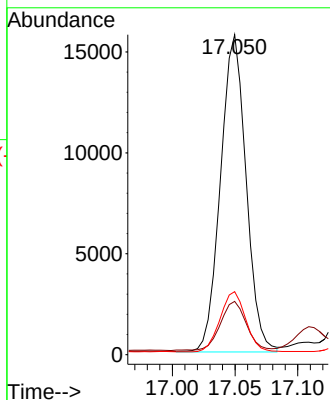
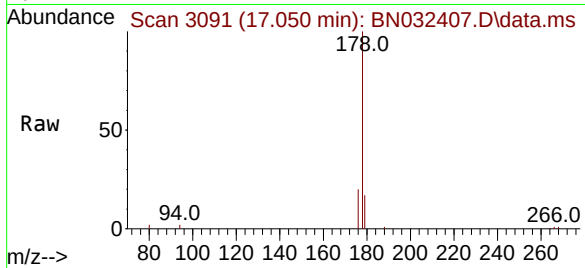
#15
Phenanthrene
Concen: 0.353 ng/ul m
RT: 17.050 min Scan# 3092
Delta R.T. -0.017 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

Instrument :
BNA_N
ClientSampleId :
A4CN8

Tgt Ion:178 Resp: 2224
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 19.7 15.6 23.4

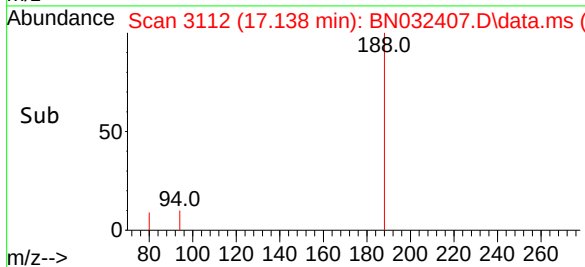
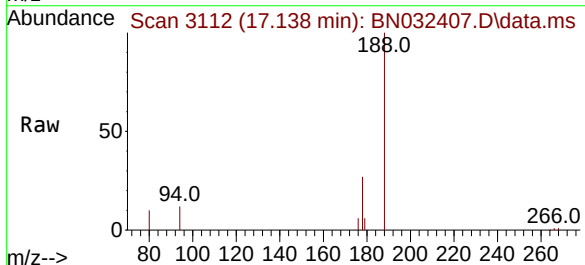
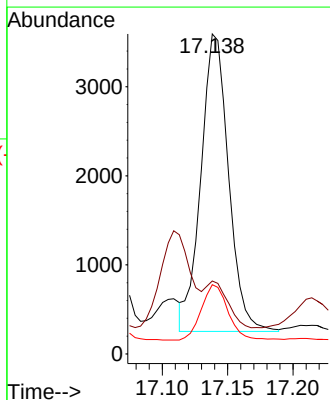
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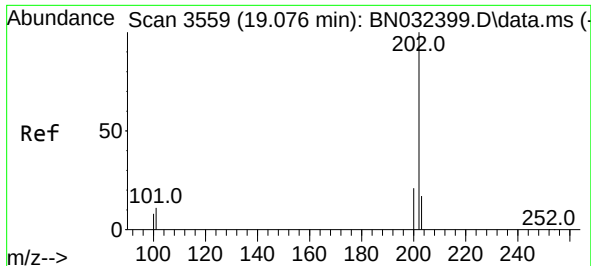
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 0.087 ng/ul m
RT: 17.138 min Scan# 3112
Delta R.T. -0.021 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

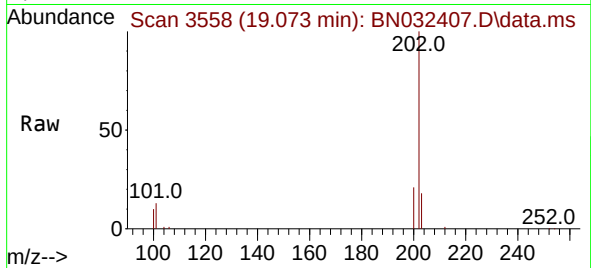
Tgt Ion:178 Resp: 4908
Ion Ratio Lower Upper
178 100
179 22.8 12.5 18.7#
176 21.6 15.0 22.6





#19
Fluoranthene
Concen: 0.770 ng/ul
RT: 19.073 min Scan# 3558
Delta R.T. -0.019 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

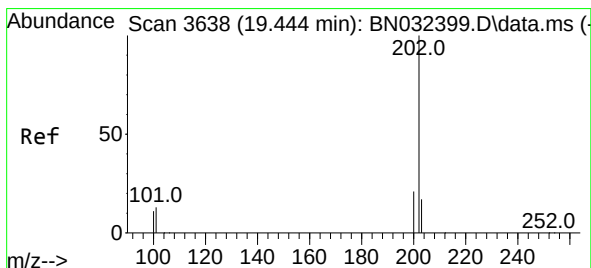
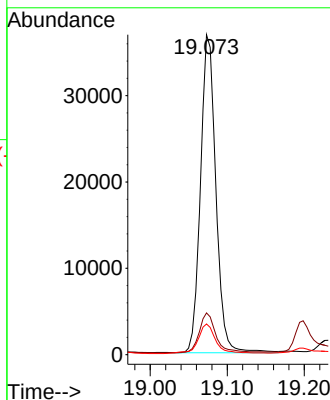
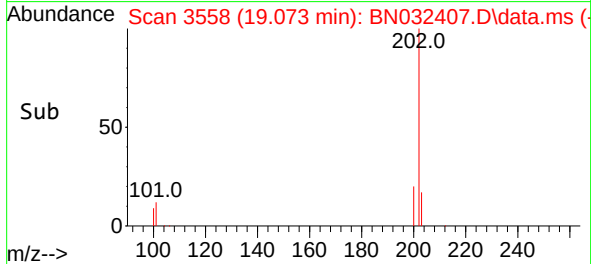
Instrument :
BNA_N
ClientSampleId :
A4CN8



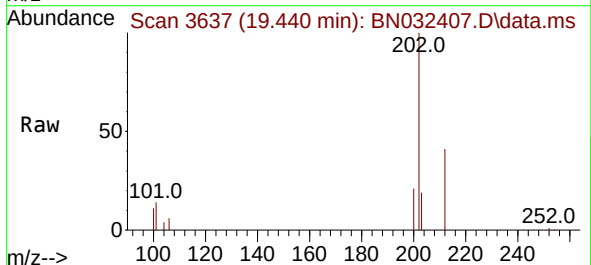
Tgt Ion:202 Resp: 51249
Ion Ratio Lower Upper
202 100
101 13.1 8.8 13.2
100 9.6 6.4 9.6

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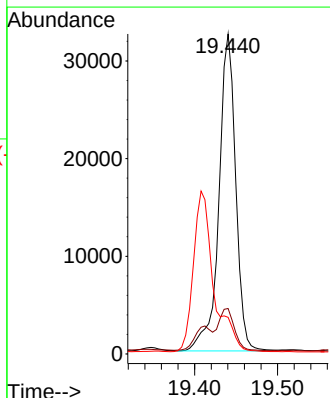
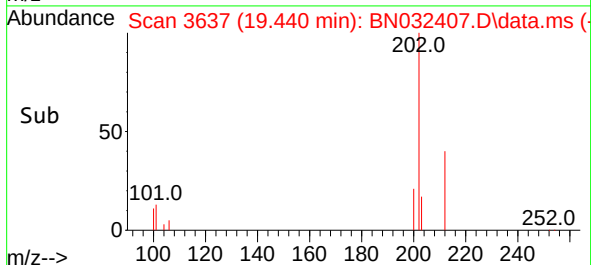
Reviewed By :Yogesh Patel 07/03/2024
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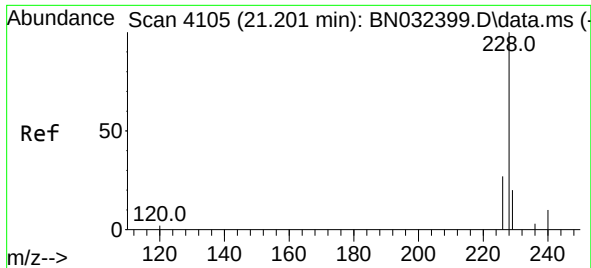


#20
Pyrene
Concen: 0.653 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00



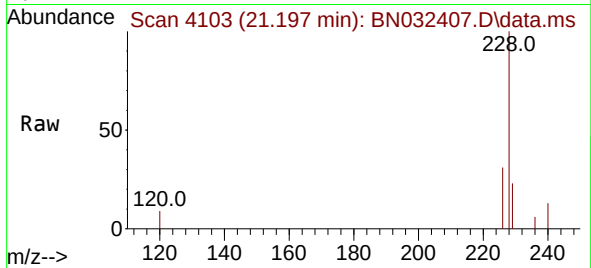
Tgt Ion:202 Resp: 45463
Ion Ratio Lower Upper
202 100
101 14.2 11.0 16.4
100 11.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.379 ng/ul
RT: 21.197 min Scan# 4105
Delta R.T. -0.018 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

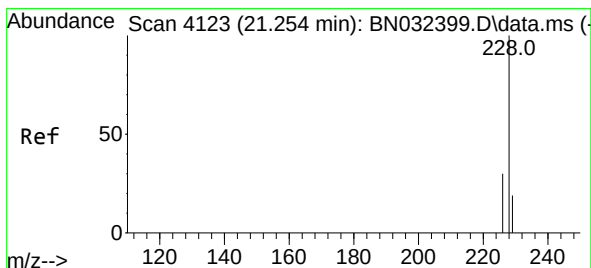
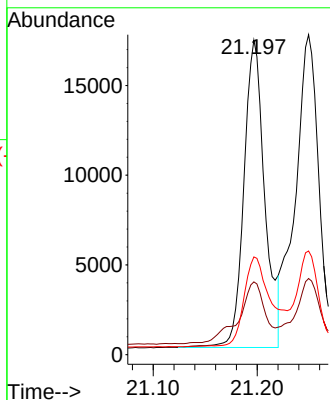
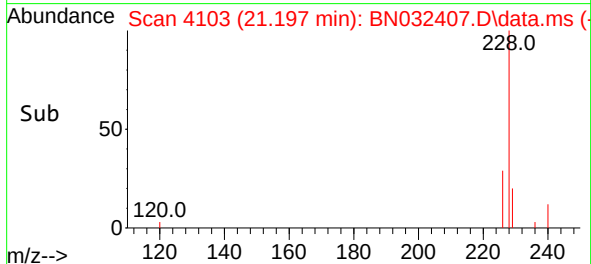
Instrument :
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ClientSampleId :
A4CN8



Tgt Ion:228 Resp: 23918
Ion Ratio Lower Upper
228 100
229 23.1 15.7 23.5
226 31.1 21.8 32.8

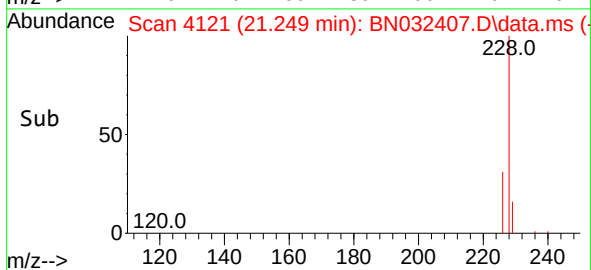
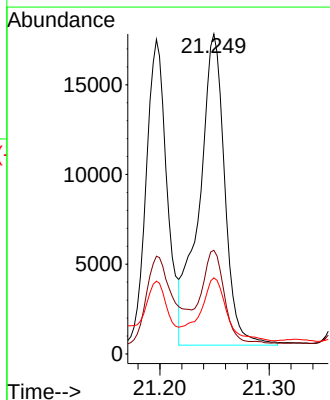
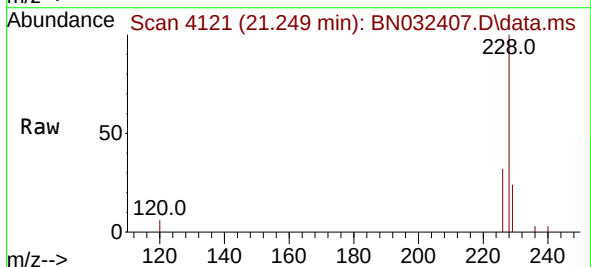
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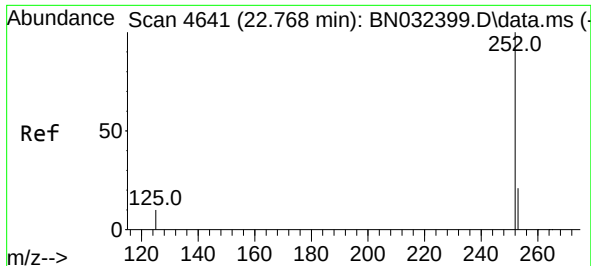
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 0.409 ng/ul m
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

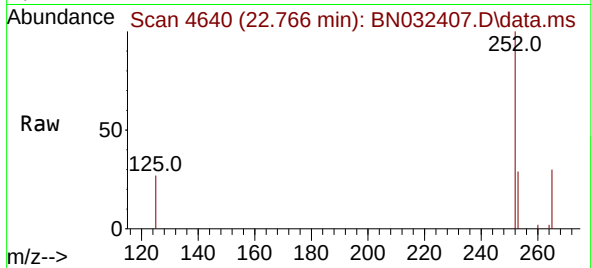
Tgt Ion:228 Resp: 28323
Ion Ratio Lower Upper
228 100
226 32.4 23.6 35.4
229 23.8 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.494 ng/ul m
RT: 22.766 min Scan# 4641
Delta R.T. -0.018 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

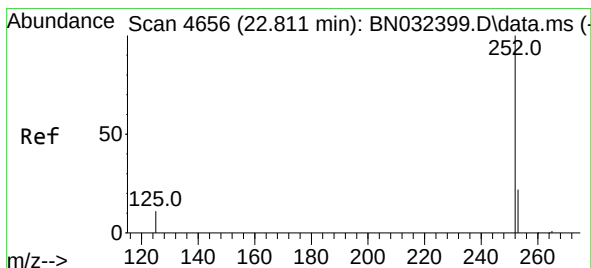
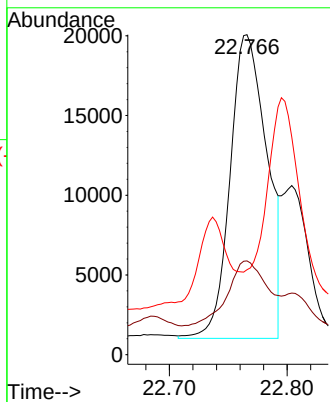
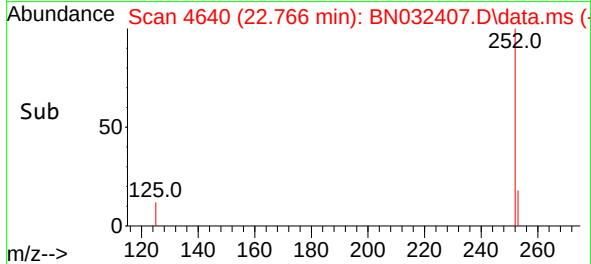
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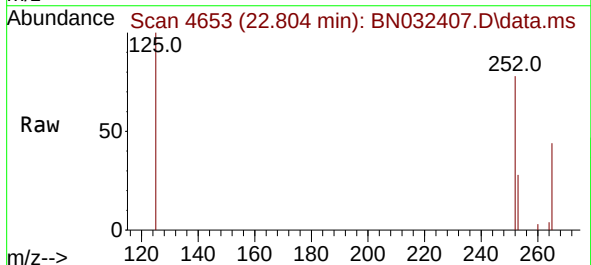
Tgt Ion:252 Resp: 41384
Ion Ratio Lower Upper
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253 29.3 0.0 50.2
125 26.6 0.0 32.0

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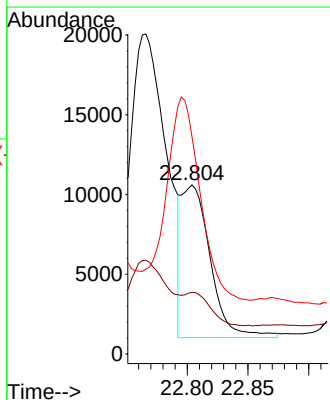
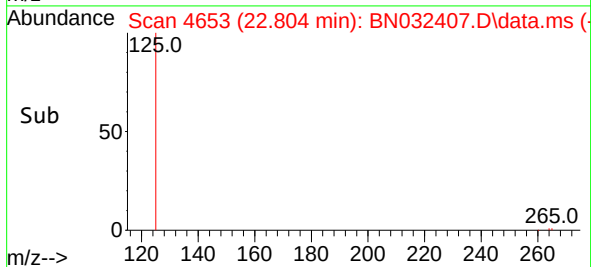
Reviewed By :Yogesh Patel 07/03/2024
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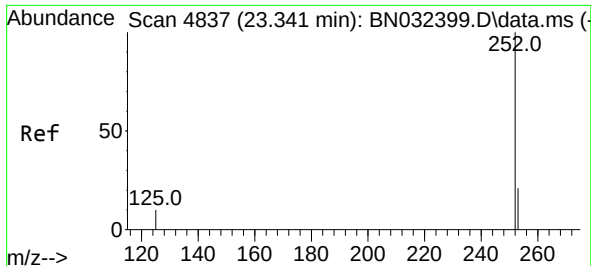


#25
Benzo(k)fluoranthene
Concen: 0.195 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. -0.024 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00



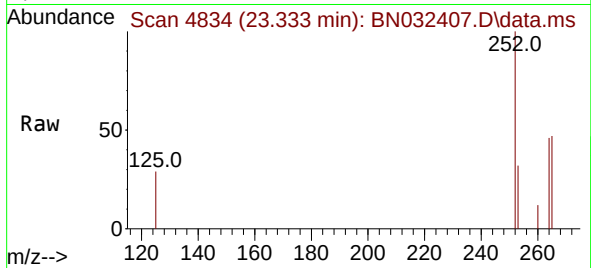
Tgt Ion:252 Resp: 15852
Ion Ratio Lower Upper
252 100
253 36.4 20.3 30.5#
125 128.6 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.439 ng/u1
RT: 23.333 min Scan# 4834
Delta R.T. -0.027 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

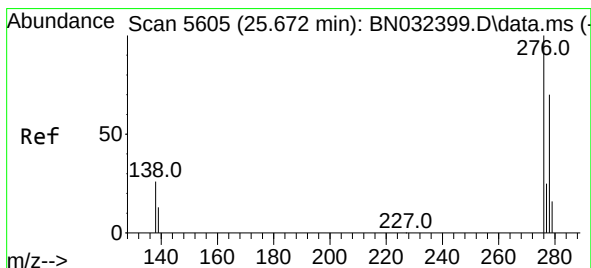
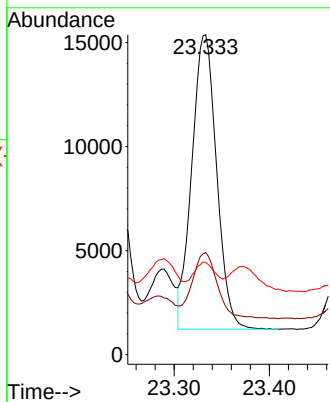
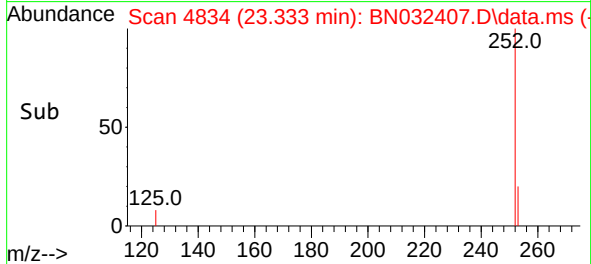
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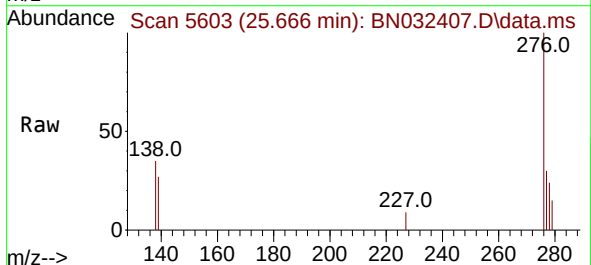
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Ion Ratio Lower Upper
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253 31.9 22.2 33.2
125 28.9 16.4 24.6

Manual Integrations
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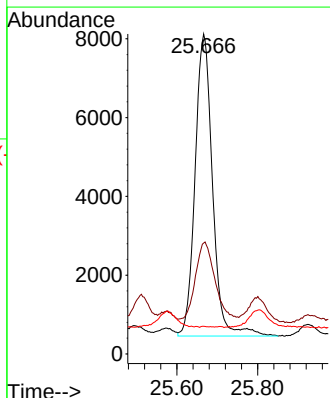
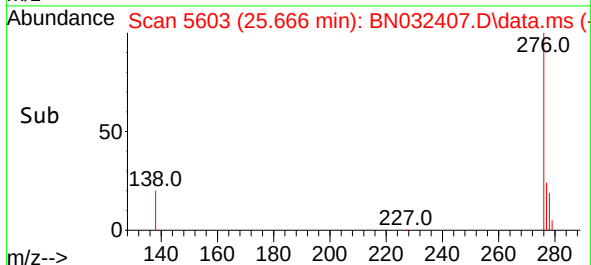
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

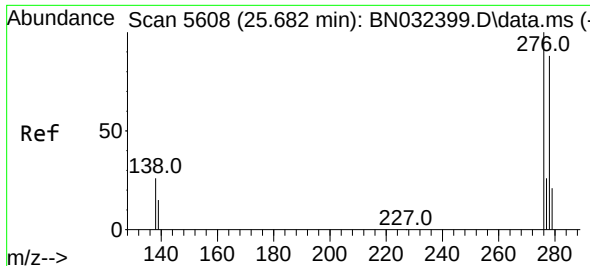


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng/u1
RT: 25.666 min Scan# 5603
Delta R.T. -0.034 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00



Tgt Ion:276 Resp: 23002
Ion Ratio Lower Upper
276 100
138 28.0 21.3 31.9
227 0.0 0.1 0.1





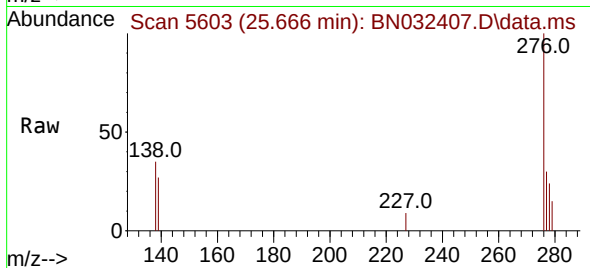
#28
Dibenzo(a,h)anthracene
Concen: 0.079 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. -0.044 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

Instrument :

BNA_N

ClientSampleId :

A4CN8



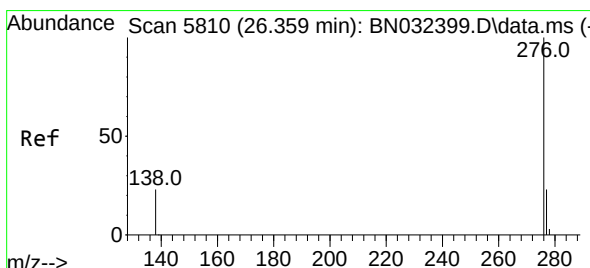
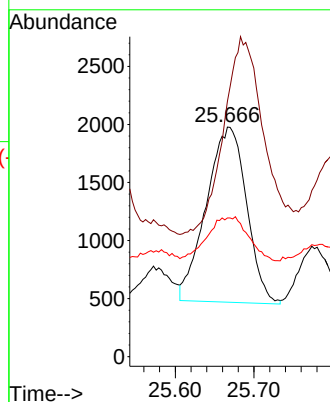
Tgt Ion:278 Resp: 5360
Ion Ratio Lower Upper
278 100
139 111.1 15.9 23.9#
279 60.4 21.1 31.7#

Manual Integrations

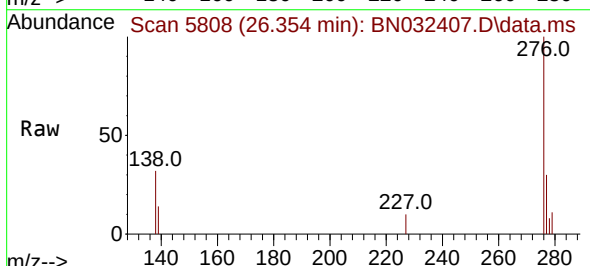
APPROVED

Reviewed By :Yogesh Patel 07/03/2024

Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.311 ng/ul
RT: 26.354 min Scan# 5808
Delta R.T. -0.027 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00



Tgt Ion:276 Resp: 22632
Ion Ratio Lower Upper
276 100
138 32.0 19.8 29.6#
277 30.1 19.8 29.6#

