

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032523.D
 Acq On : 06 Jul 2024 00:20
 Operator : MA/JU
 Sample : P2964-13DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 00:45:36 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	5670	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	15794	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	8195	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	14924	0.400	ng/ul	0.00
17) Chrysene-d12	21.203	240	14107	0.400	ng/ul	# 0.00
23) Perylene-d12	23.418	264	17423	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4257	0.675	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	873	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	1831	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	1373	0.033	ng/ul#	73
10) Acenaphthylene	13.961	152	2352	0.069	ng/ul#	86
11) Acenaphthene	14.304	153	866	0.033	ng/ul	94
12) Fluorene	15.303	166	1023	0.032	ng/ul#	94
15) Phenanthrene	17.041	178	18087	0.442	ng/ul	99
16) Anthracene	17.134	178	4844	0.133	ng/ul#	91
19) Fluoranthene	19.068	202	38487	0.716	ng/ul	98
20) Pyrene	19.431	202	31536	0.562	ng/ul	100
21) Benzo(a)anthracene	21.188	228	22434	0.441	ng/ul	95
22) Chrysene	21.241	228	20791	0.372	ng/ul	95
24) Benzo(b)fluoranthene	22.754	252	31564m	0.417	ng/ul	
25) Benzo(k)fluoranthene	22.789	252	10853m	0.148	ng/ul	
26) Benzo(a)pyrene	23.316	252	12394	0.235	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.653	276	11981	0.145	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.646	278	3761	0.061	ng/ul#	40
29) Benzo(g,h,i)perylene	26.337	276	1879	0.029	ng/ul#	35

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

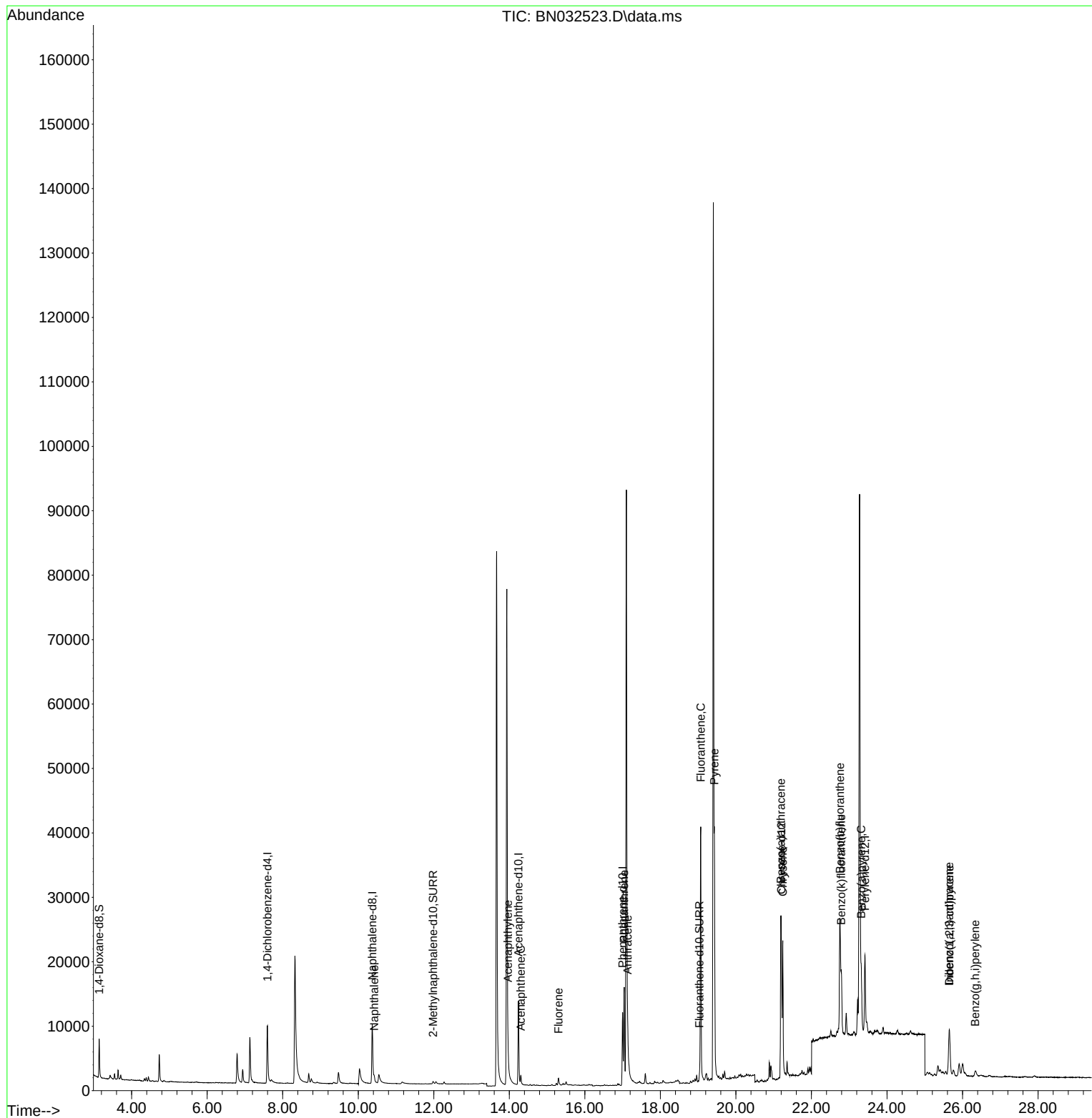
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032523.D
Acq On : 06 Jul 2024 00:20
Operator : MA/JU
Sample : P2964-13DL 5X
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ALS Vial : 23 Sample Multiplier: 1

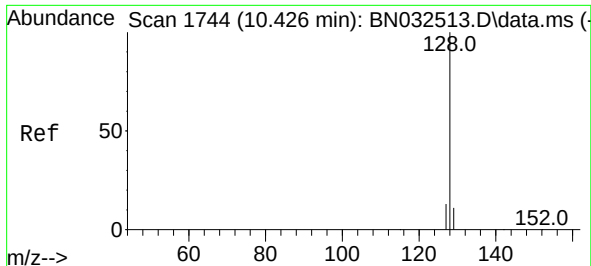
Instrument :
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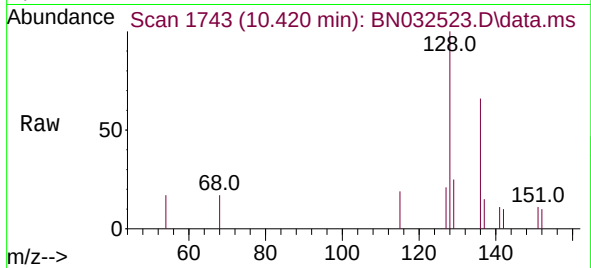
Quant Time: Jul 06 00:45:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.420 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BN032523.D
Acq: 06 Jul 2024 00:20

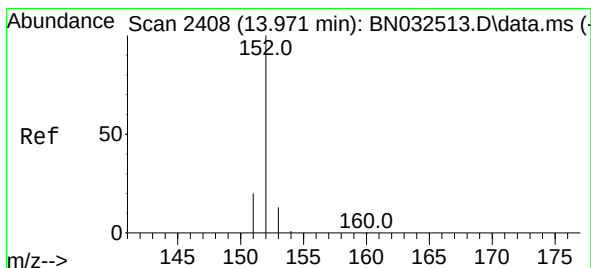
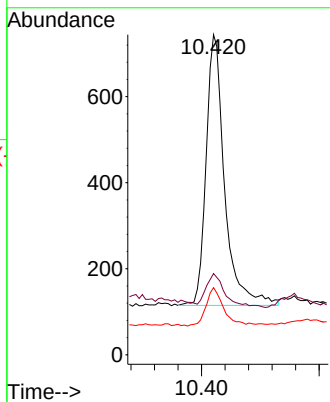
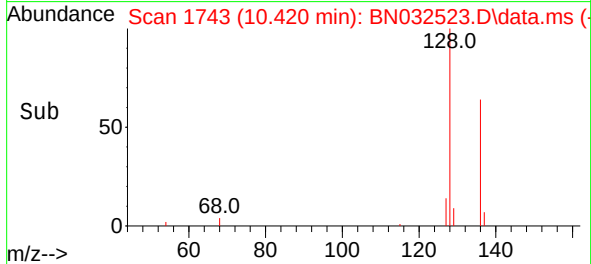
Instrument :
BNA_N
ClientSampleId :
A4CT0DL



Tgt Ion:128 Resp: 137
Ion Ratio Lower Upper
128 100
129 25.4 9.2 13.8#
127 21.0 10.8 16.2#

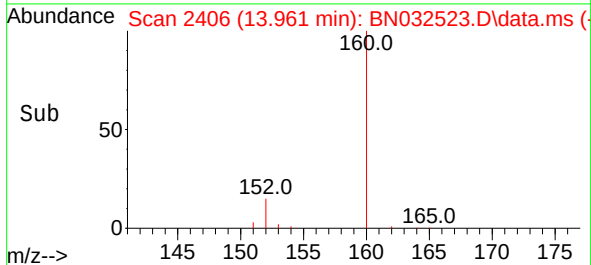
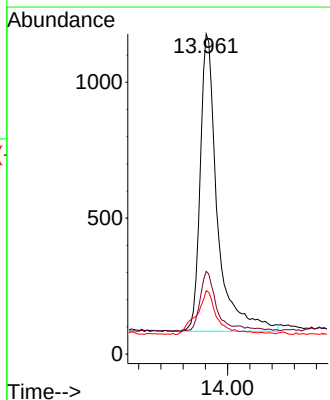
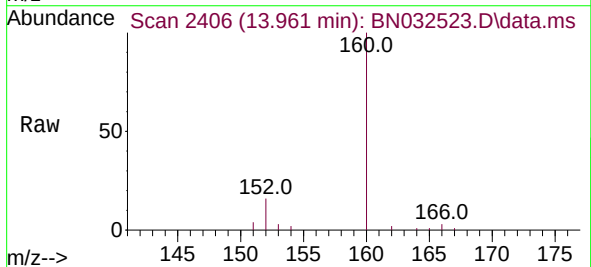
Manual Integrations
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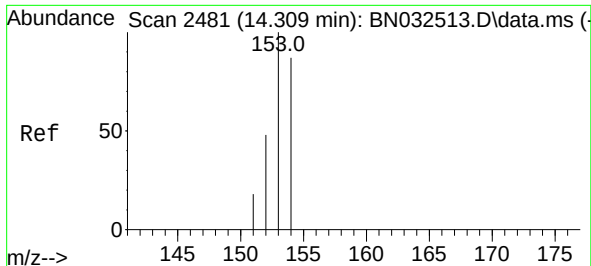
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 13.961 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032523.D
Acq: 06 Jul 2024 00:20

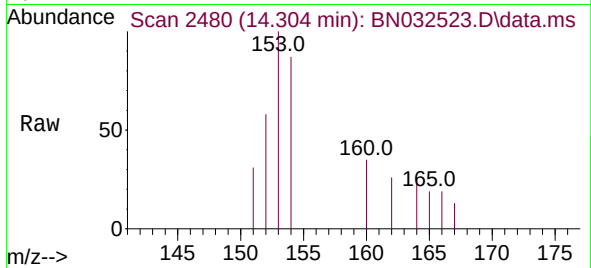
Tgt Ion:152 Resp: 2352
Ion Ratio Lower Upper
152 100
151 25.8 15.7 23.5#
153 19.8 10.9 16.3#





#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.304 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN032523.D
Acq: 06 Jul 2024 00:20

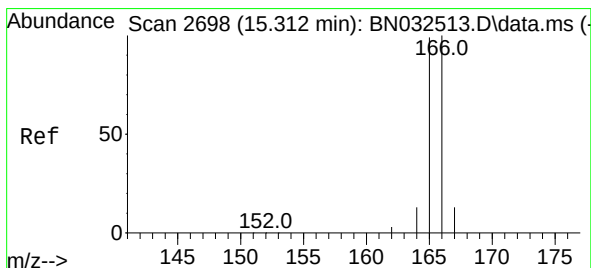
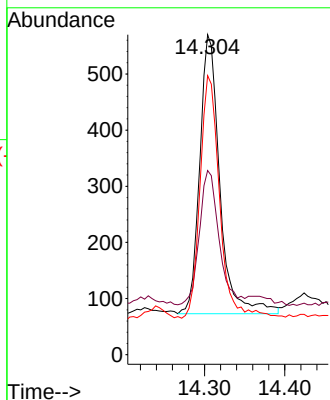
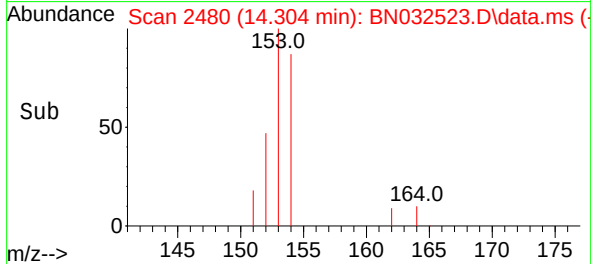
Instrument :
BNA_N
ClientSampleId :
A4CT0DL



Tgt Ion:153 Resp: 860
Ion Ratio Lower Upper
153 100
152 57.5 39.5 59.3
154 87.2 71.7 107.5

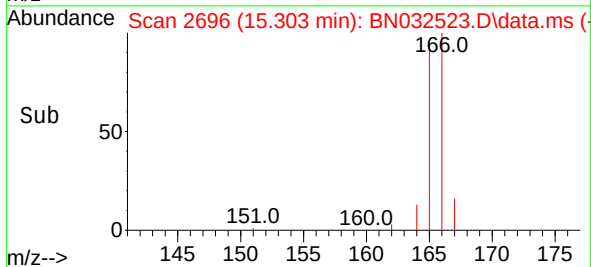
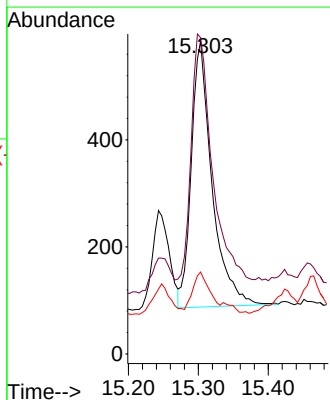
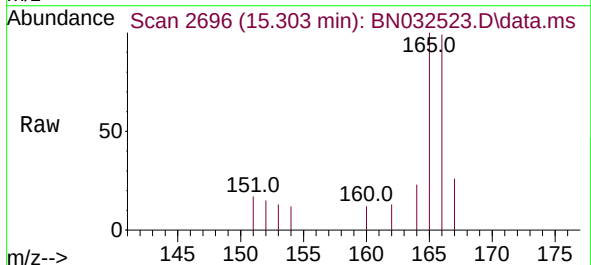
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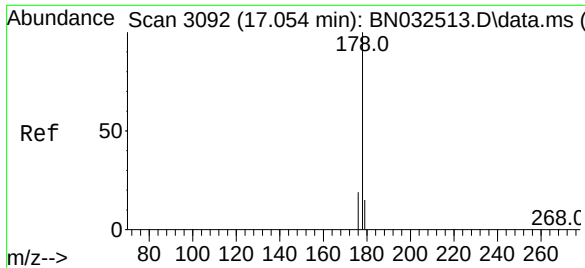
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032523.D
Acq: 06 Jul 2024 00:20

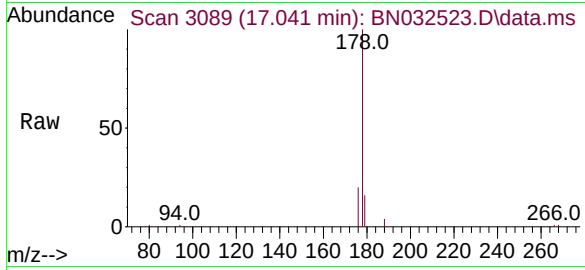
Tgt Ion:166 Resp: 1023
Ion Ratio Lower Upper
166 100
165 101.0 79.0 118.6
167 26.2 11.0 16.6#





#15
Phenanthrene
Concen: 0.442 ng/ul
RT: 17.041 min Scan# 3092
Delta R.T. -0.009 min
Lab File: BN032523.D
Acq: 06 Jul 2024 00:20

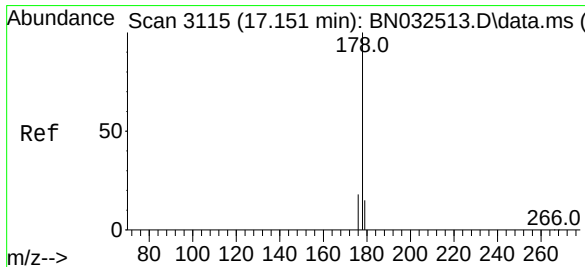
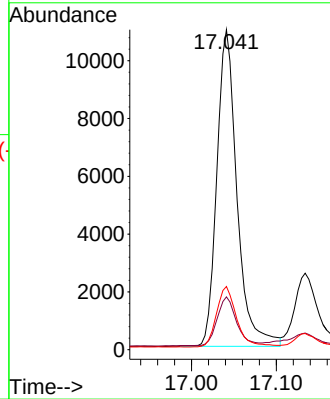
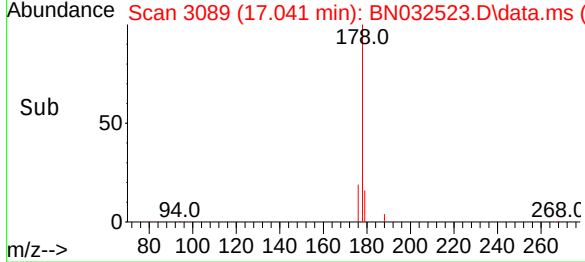
Instrument :
BNA_N
ClientSampleId :
A4CT0DL



Tgt Ion:178 Resp: 1808
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 19.7 15.6 23.4

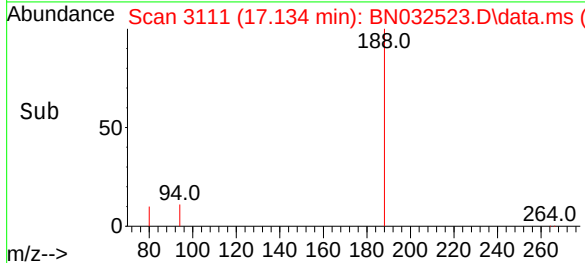
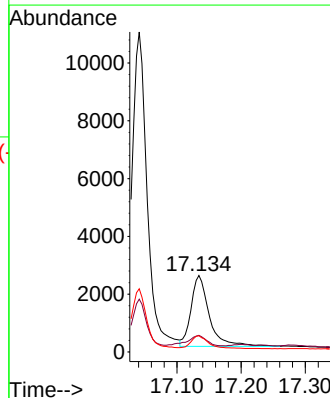
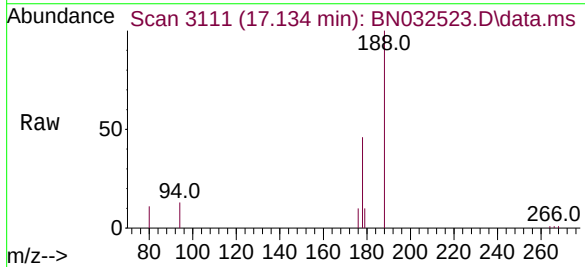
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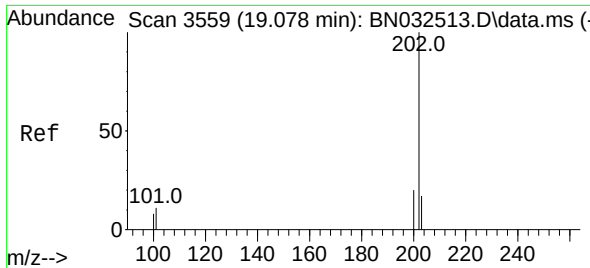
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.133 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.009 min
Lab File: BN032523.D
Acq: 06 Jul 2024 00:20

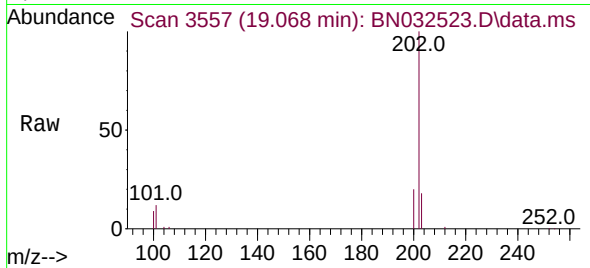
Tgt Ion:178 Resp: 4844
Ion Ratio Lower Upper
178 100
179 21.7 12.5 18.7#
176 21.2 15.0 22.6





#19
Fluoranthene
Concen: 0.716 ng/ul
RT: 19.068 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BN032523.D
Acq: 06 Jul 2024 00:20

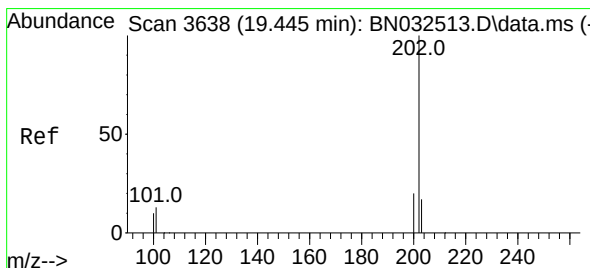
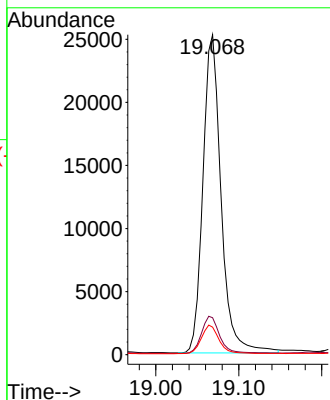
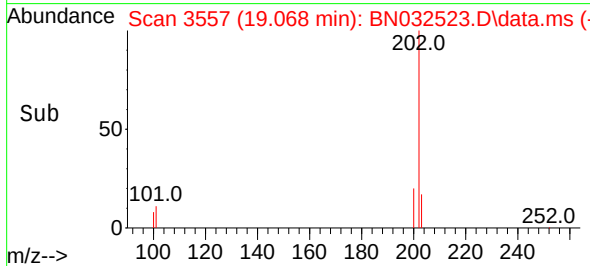
Instrument :
BNA_N
ClientSampleId :
A4CT0DL



Tgt Ion:202 Resp: 3848
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 8.6 6.4 9.6

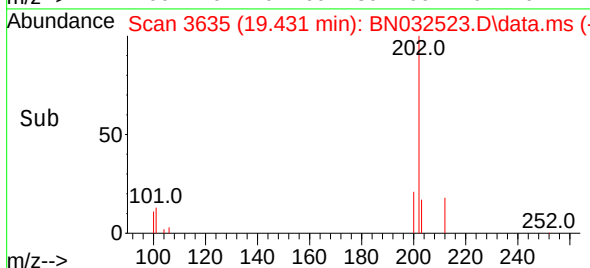
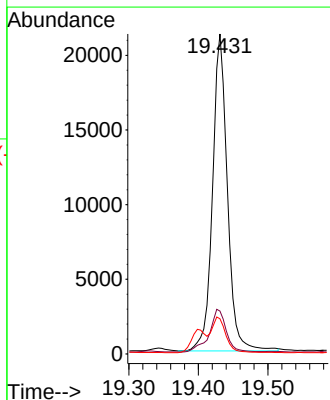
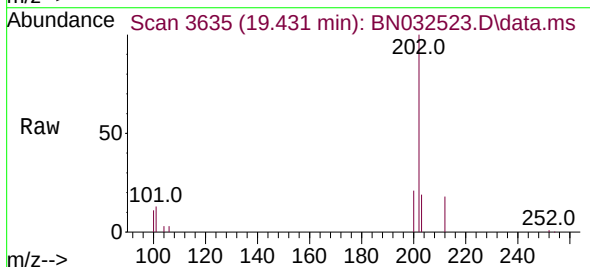
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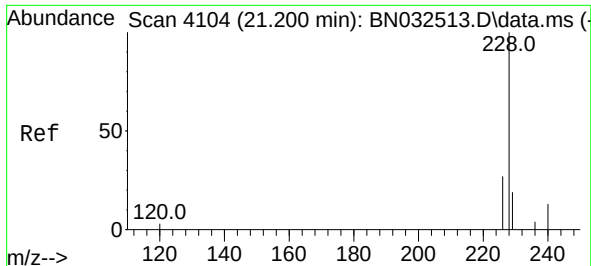
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 0.562 ng/ul
RT: 19.431 min Scan# 3635
Delta R.T. -0.009 min
Lab File: BN032523.D
Acq: 06 Jul 2024 00:20

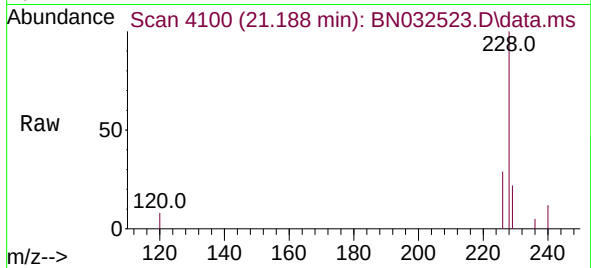
Tgt Ion:202 Resp: 31536
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.4
100 11.0 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.441 ng/ul
RT: 21.188 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032523.D
Acq: 06 Jul 2024 00:20

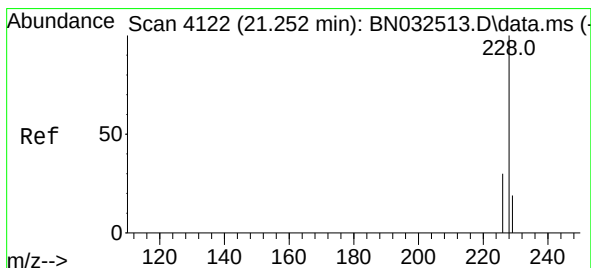
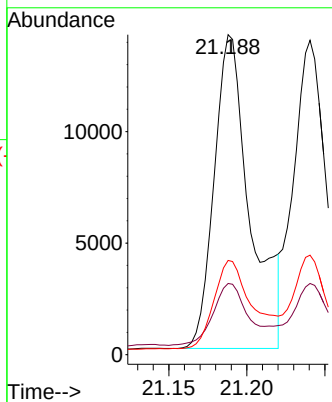
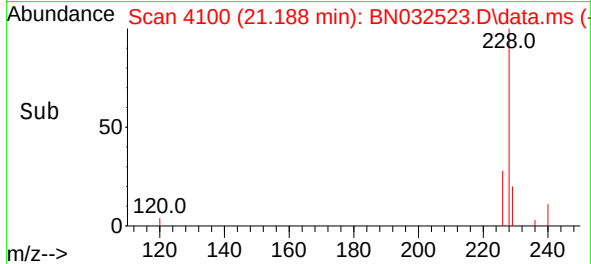
Instrument :
BNA_N
ClientSampleId :
A4CT0DL



Tgt Ion:228 Resp: 22434
Ion Ratio Lower Upper
228 100
229 22.2 15.7 23.5
226 29.4 21.8 32.8

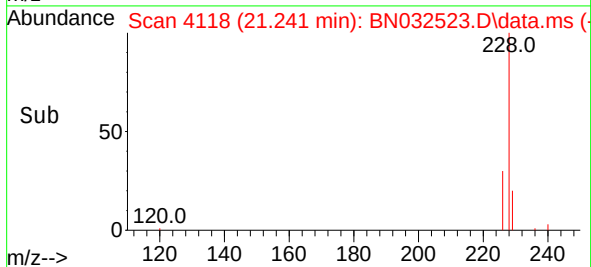
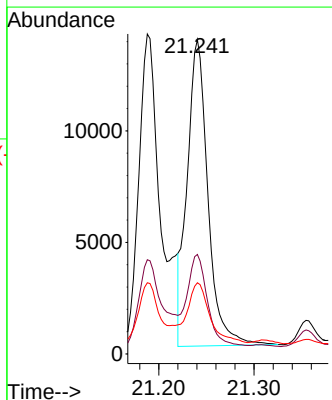
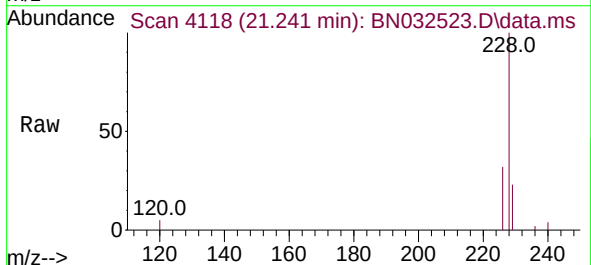
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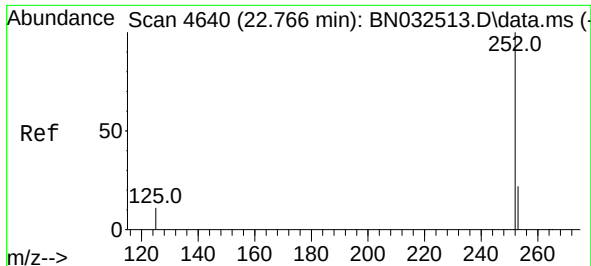
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032523.D
Acq: 06 Jul 2024 00:20

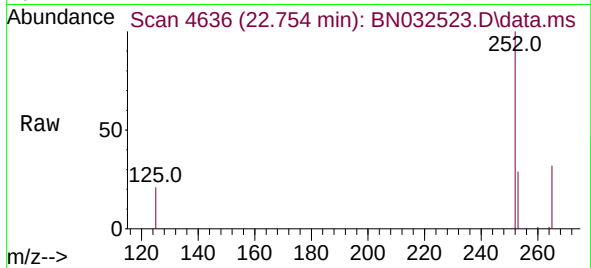
Tgt Ion:228 Resp: 20791
Ion Ratio Lower Upper
228 100
226 31.7 23.6 35.4
229 22.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.417 ng/ul m
RT: 22.754 min Scan# 4636
Delta R.T. -0.003 min
Lab File: BN032523.D
Acq: 06 Jul 2024 00:20

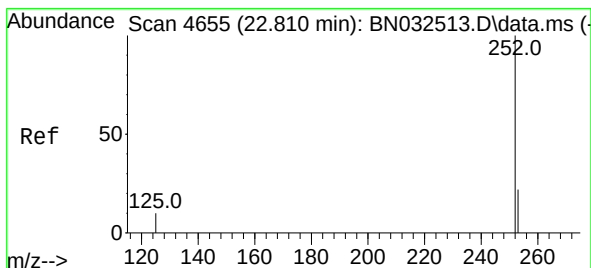
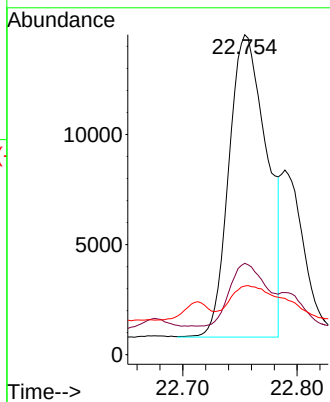
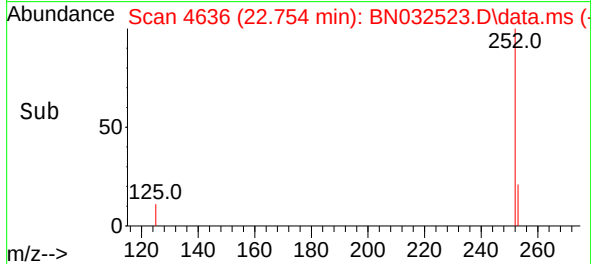
Instrument :
BNA_N
ClientSampleId :
A4CT0DL



Tgt Ion:252 Resp: 3156
Ion Ratio Lower Upper
252 100
253 28.6 0.0 50.2
125 21.5 0.0 32.0

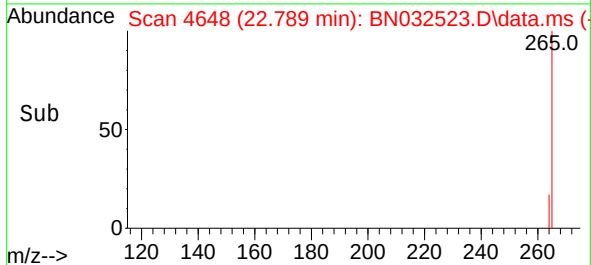
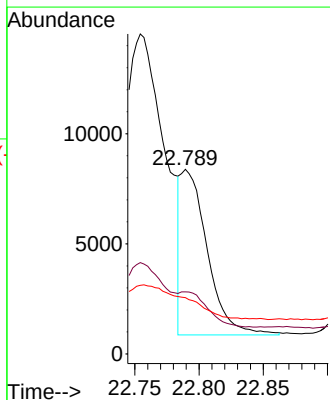
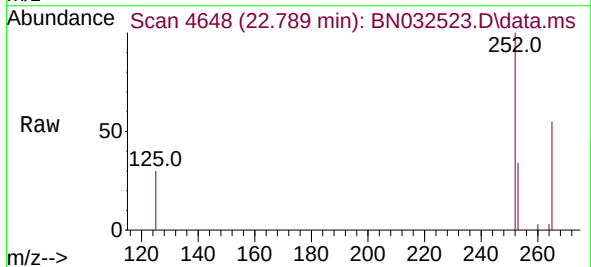
Manual Integrations
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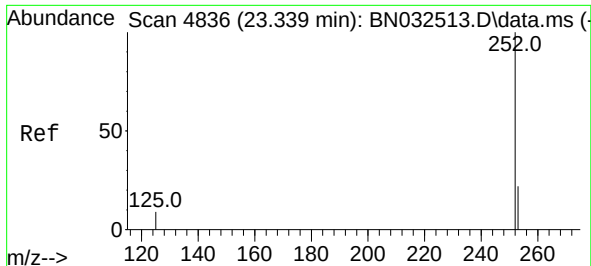
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.148 ng/ul m
RT: 22.789 min Scan# 4648
Delta R.T. -0.012 min
Lab File: BN032523.D
Acq: 06 Jul 2024 00:20

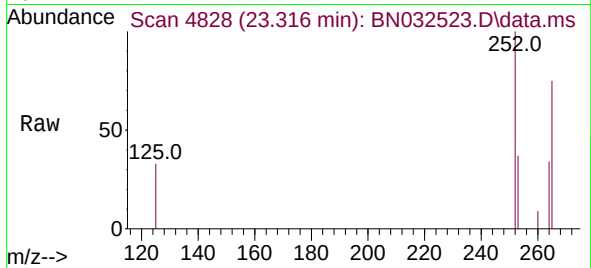
Tgt Ion:252 Resp: 10853
Ion Ratio Lower Upper
252 100
253 33.6 20.3 30.5#
125 30.5 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.235 ng/ul
RT: 23.316 min Scan# 4828
Delta R.T. -0.012 min
Lab File: BN032523.D
Acq: 06 Jul 2024 00:20

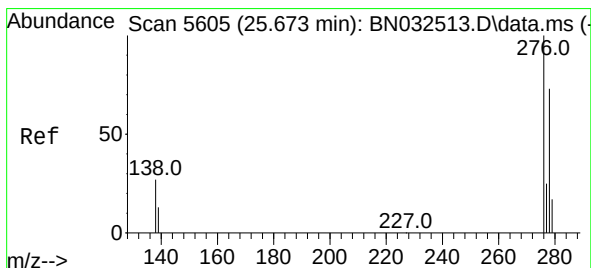
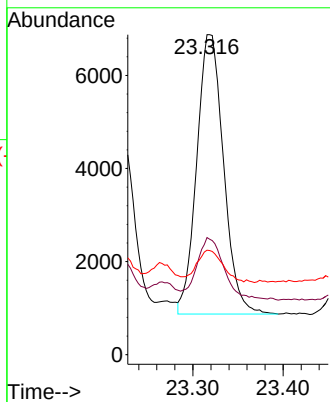
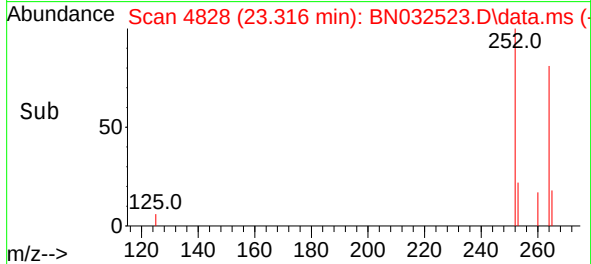
Instrument :
BNA_N
ClientSampleId :
A4CT0DL



Tgt Ion:252 Resp: 12394
Ion Ratio Lower Upper
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253 36.6 22.2 33.2#
125 32.6 16.4 24.6#

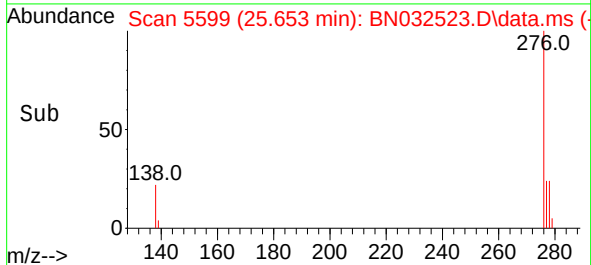
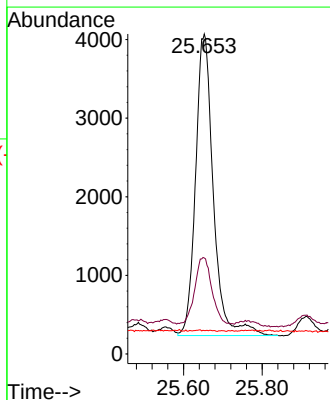
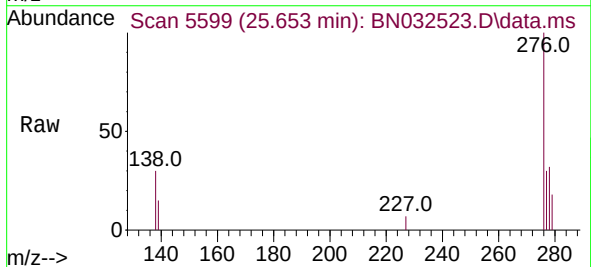
Manual Integrations
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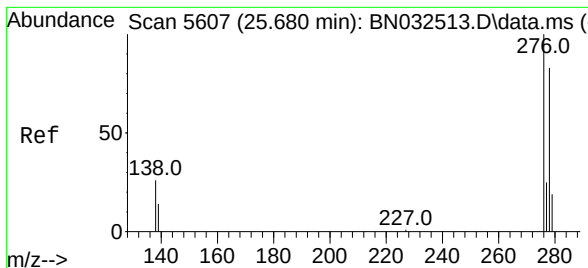
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.145 ng/ul
RT: 25.653 min Scan# 5599
Delta R.T. -0.007 min
Lab File: BN032523.D
Acq: 06 Jul 2024 00:20

Tgt Ion:276 Resp: 11981
Ion Ratio Lower Upper
276 100
138 21.1 21.3 31.9#
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.061 ng/ul

RT: 25.646 min Scan# 5597

Delta R.T. -0.020 min

Lab File: BN032523.D

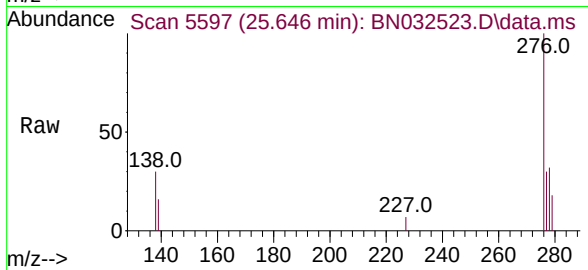
Acq: 06 Jul 2024 00:20

Instrument :

BNA_N

ClientSampleId :

A4CT0DL



Tgt Ion:278 Resp: 376

Ion Ratio Lower Upper

278 100

139 48.6 15.9 23.9

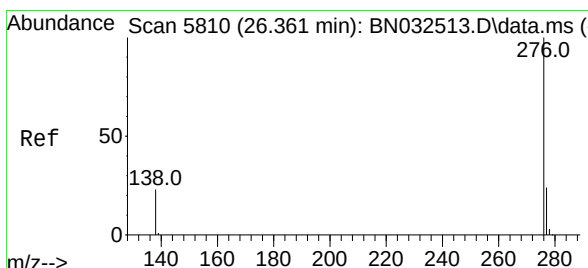
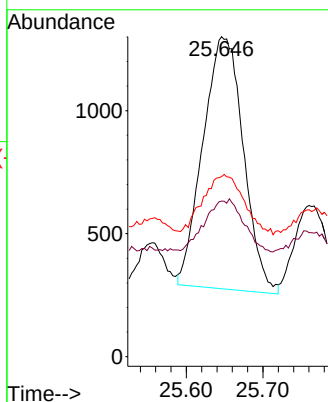
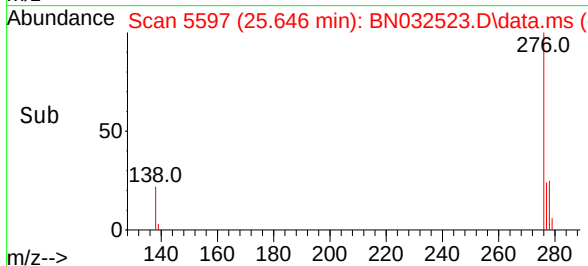
279 56.3 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29

Benzo(g,h,i)perylene

Concen: 0.029 ng/ul

RT: 26.337 min Scan# 5803

Delta R.T. -0.007 min

Lab File: BN032523.D

Acq: 06 Jul 2024 00:20

Tgt Ion:276 Resp: 1879

Ion Ratio Lower Upper

276 100

138 60.5 19.8 29.6

277 53.9 19.8 29.6

