

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033072.D
 Acq On : 29 Jul 2024 17:49
 Operator : MA/JU
 Sample : P3264-20DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 29 23:07:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.524	152	1833	0.400	ng/ul	0.00
4) Naphthalene-d8	10.317	136	6233	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.162	164	4489	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.928	188	10247	0.400	ng/ul	-0.02
17) Chrysene-d12	21.151	240	9747	0.400	ng/ul	0.00
23) Perylene-d12	23.331	264	12092m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.060	96	1571	0.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	340	0.033	ng/ul	0.04
18) Fluoranthene-d10	18.967	212	1242	0.045	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.372	128	565	0.035	ng/ul#	28
10) Acenaphthylene	13.889	152	1033	0.056	ng/ul#	74
11) Acenaphthene	14.226	153	861	0.062	ng/ul	95
12) Fluorene	15.240	166	1185	0.074	ng/ul#	94
15) Phenanthrene	16.966	178	18649	0.679	ng/ul	99
16) Anthracene	17.063	178	3037	0.123	ng/ul#	84
19) Fluoranthene	18.995	202	30607	0.954	ng/ul	99
20) Pyrene	19.362	202	27283	0.793	ng/ul	99
21) Benzo(a)anthracene	21.140	228	11212m	0.337	ng/ul	
22) Chrysene	21.189	228	11233	0.290	ng/ul	98
24) Benzo(b)fluoranthene	22.682	252	19130m	0.542	ng/ul	
25) Benzo(k)fluoranthene	22.720	252	7717m	0.182	ng/ul	
26) Benzo(a)pyrene	23.238	252	14669	0.441	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.557	276	10300	0.204	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.550	278	2361	0.059	ng/ul#	48
29) Benzo(g,h,i)perylene	26.225	276	10917	0.272	ng/ul	98

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

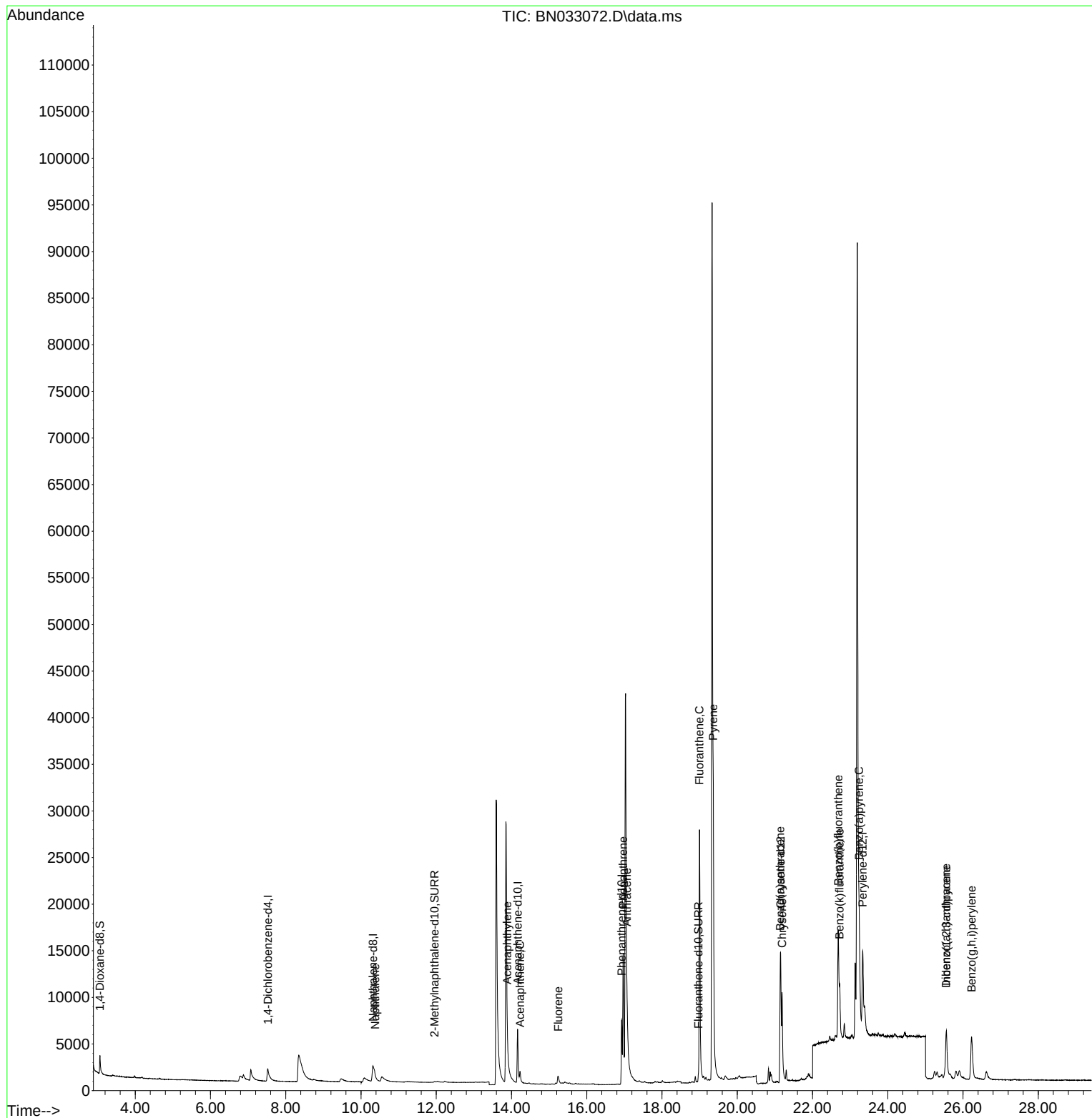
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033072.D
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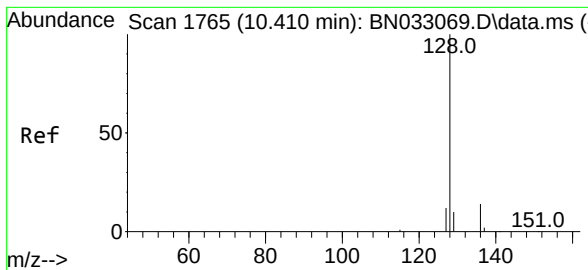
Instrument :
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Quant Time: Jul 29 23:07:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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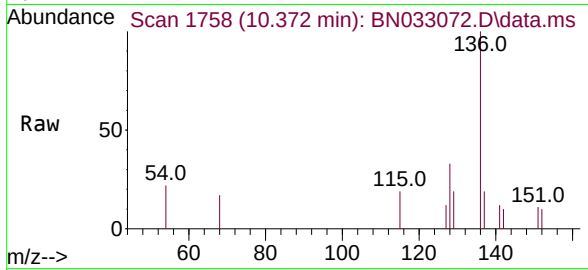
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024





#5
Naphthalene
Concen: 0.035 ng/u1
RT: 10.372 min Scan# 11
Delta R.T. 0.022 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

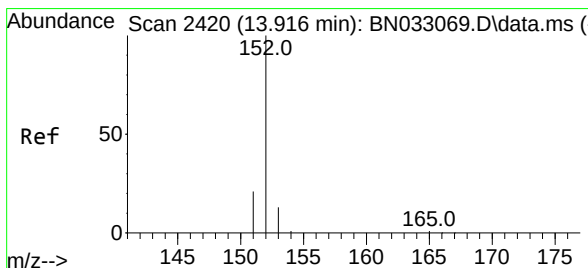
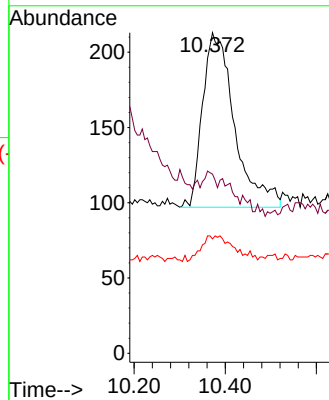
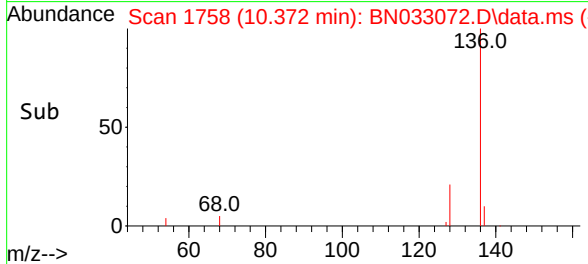
Instrument :
BNA_N
ClientSampleId :
A4CN0DL



Tgt Ion:128 Resp: 568
Ion Ratio Lower Upper
128 100
129 55.9 12.0 18.0#
127 35.7 12.7 19.1#

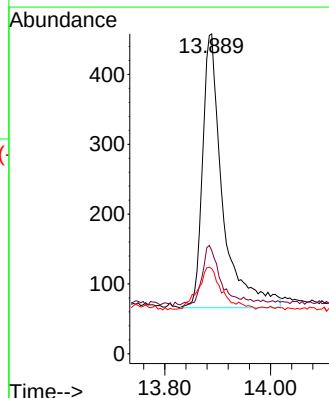
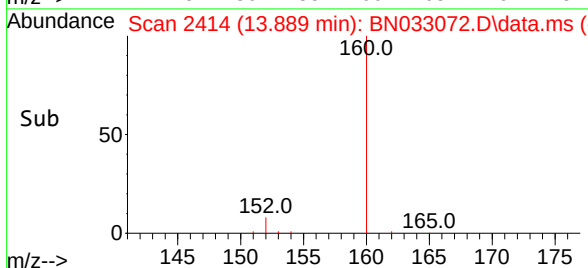
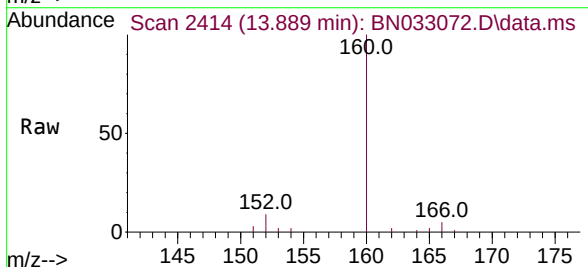
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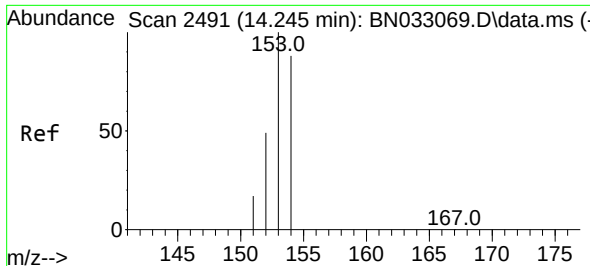
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 0.056 ng/u1
RT: 13.889 min Scan# 2414
Delta R.T. -0.009 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

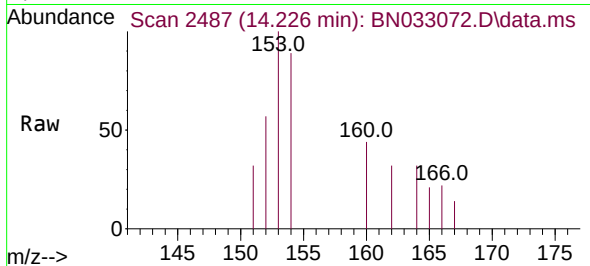
Tgt Ion:152 Resp: 1033
Ion Ratio Lower Upper
152 100
151 32.3 16.8 25.2#
153 26.6 11.9 17.9#





#11
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.226 min Scan# 2491
Delta R.T. -0.009 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

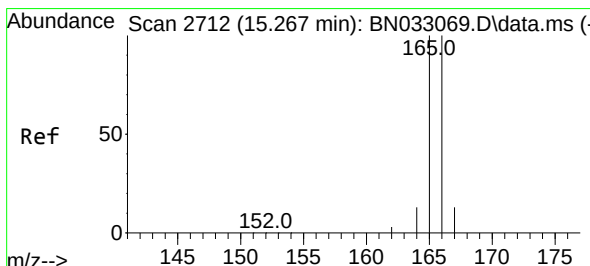
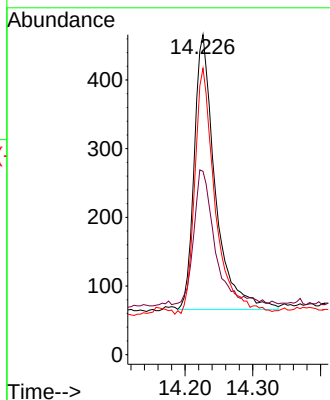
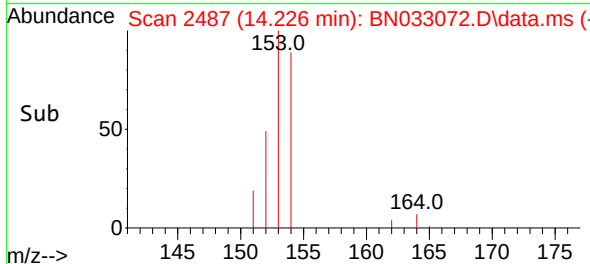
Instrument :
BNA_N
ClientSampleId :
A4CN0DL



Tgt Ion:153 Resp: 86
Ion Ratio Lower Upper
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152 57.3 40.0 60.0
154 89.5 70.1 105.1

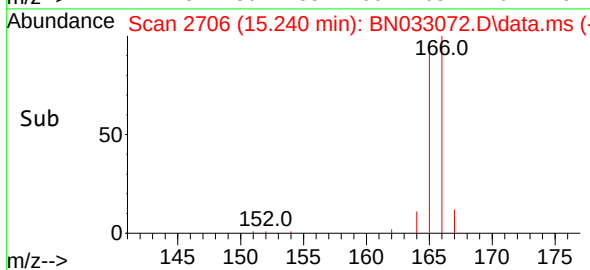
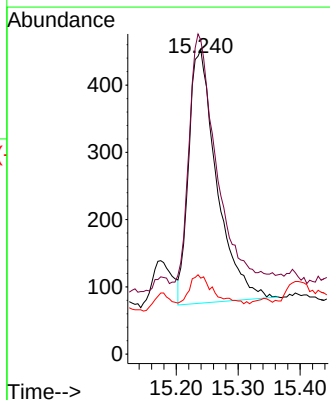
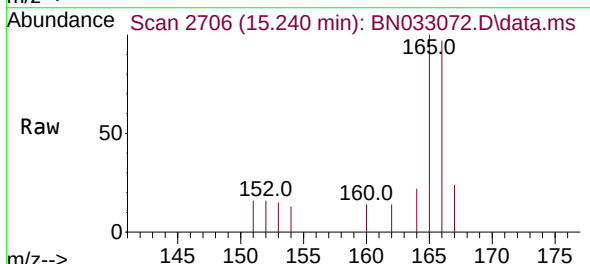
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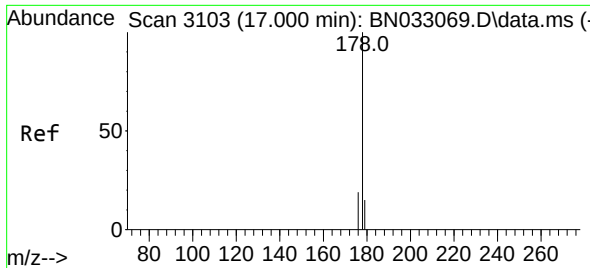
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#12
Fluorene
Concen: 0.074 ng/ul
RT: 15.240 min Scan# 2706
Delta R.T. -0.005 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

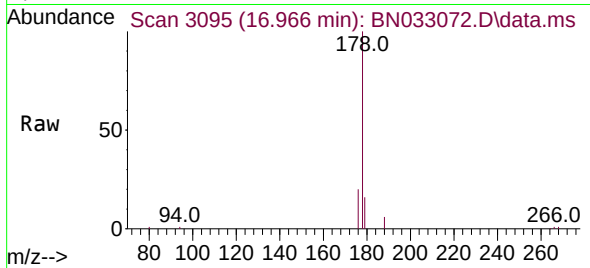
Tgt Ion:166 Resp: 1185
Ion Ratio Lower Upper
166 100
165 103.1 79.6 119.4
167 24.9 12.2 18.4#





#15
Phenanthrene
Concen: 0.679 ng/ul
RT: 16.966 min Scan# 3095
Delta R.T. -0.021 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

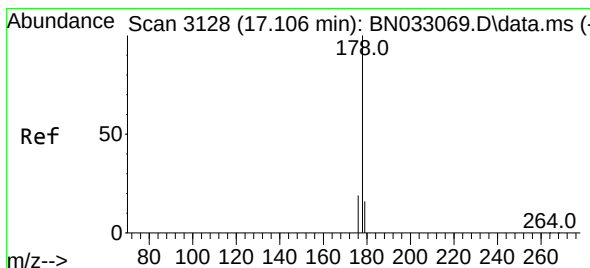
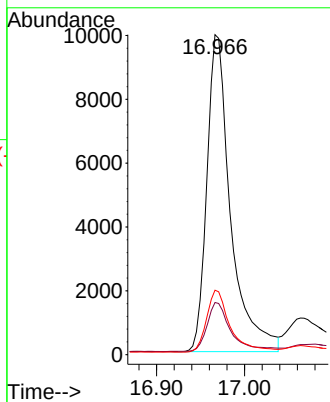
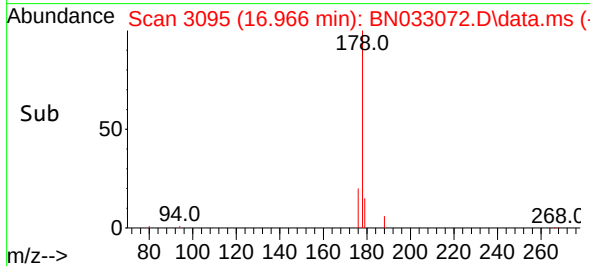
Instrument :
BNA_N
ClientSampleId :
A4CN0DL



Tgt Ion:178 Resp: 18649
Ion Ratio Lower Upper
178 100
179 16.3 13.7 20.5
176 20.1 15.9 23.9

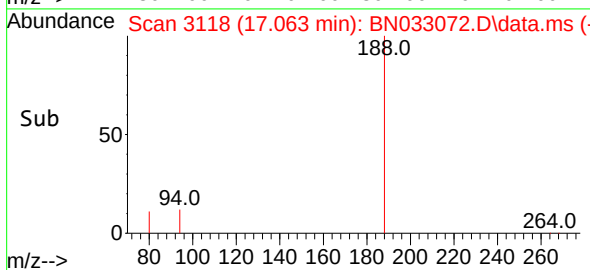
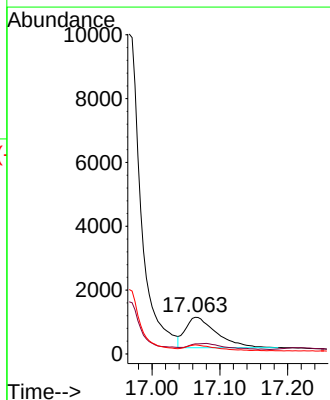
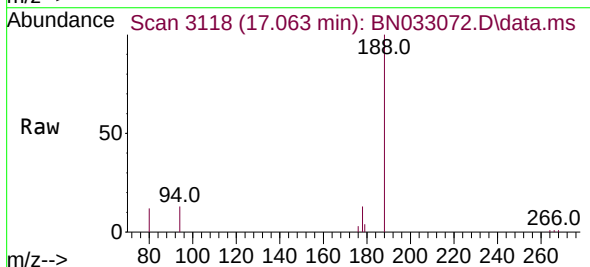
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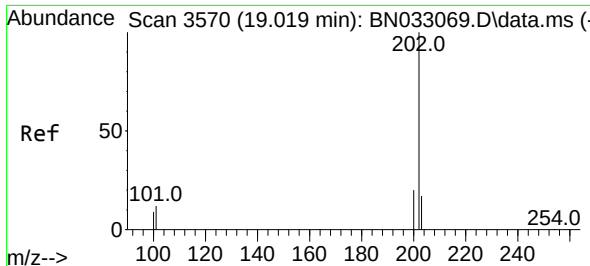
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 0.123 ng/ul
RT: 17.063 min Scan# 3118
Delta R.T. -0.021 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

Tgt Ion:178 Resp: 3037
Ion Ratio Lower Upper
178 100
179 27.3 14.3 21.5#
176 24.7 15.8 23.8#





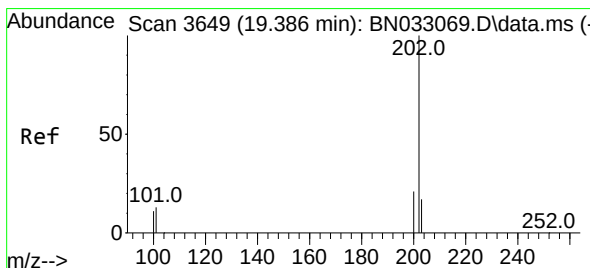
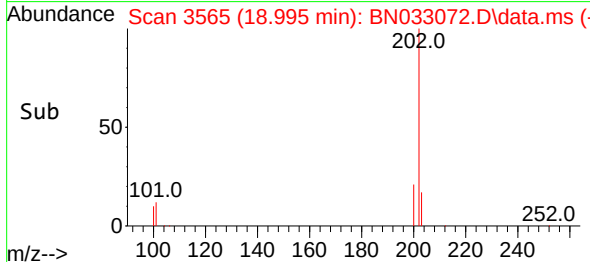
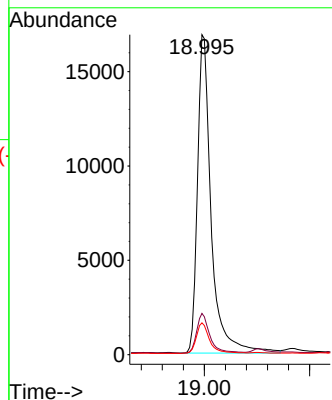
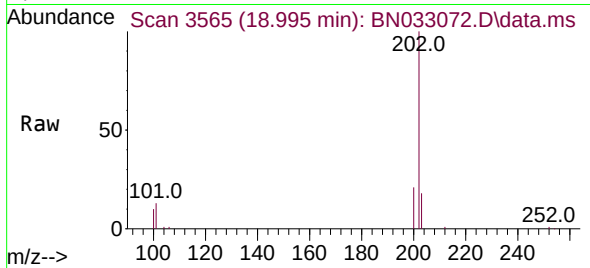
#19
Fluoranthene
Concen: 0.954 ng/u1
RT: 18.995 min Scan# 3565
Delta R.T. -0.018 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

Instrument :
BNA_N
ClientSampleId :
A4CN0DL

Tgt Ion:202 Resp: 3060
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 10.0 8.3 12.5

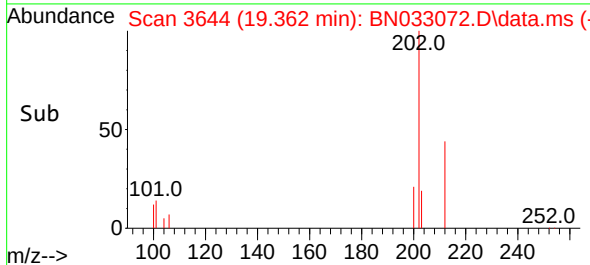
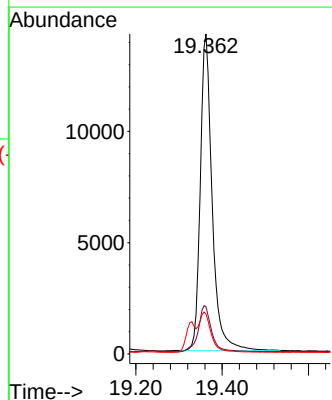
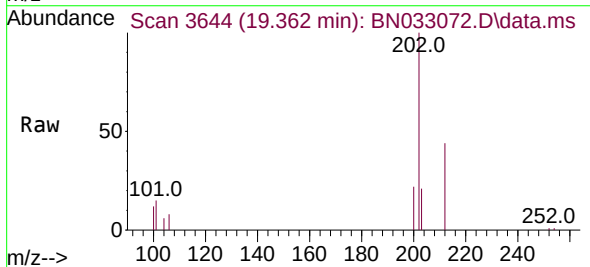
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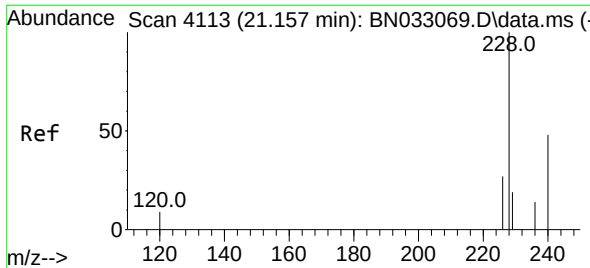
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 0.793 ng/u1
RT: 19.362 min Scan# 3644
Delta R.T. -0.018 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

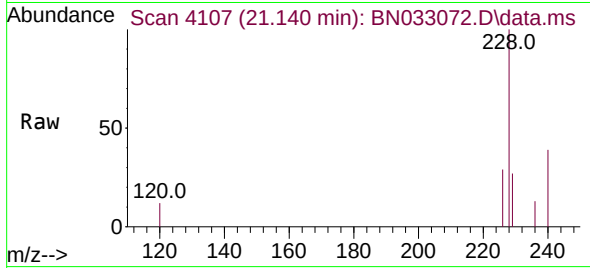
Tgt Ion:202 Resp: 27283
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 12.5 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.337 ng/ul m
RT: 21.140 min Scan# 4113
Delta R.T. -0.006 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

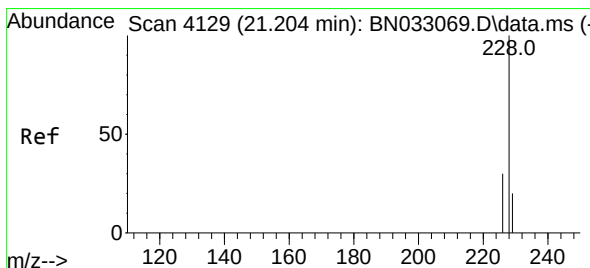
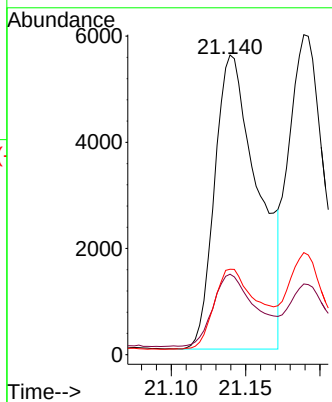
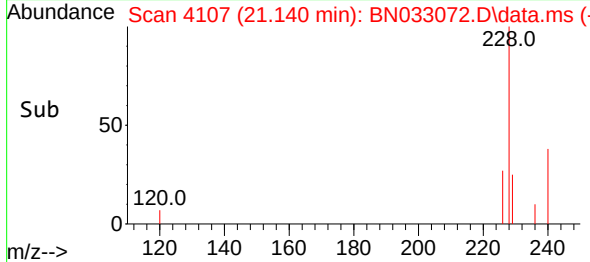
Instrument :
BNA_N
ClientSampleId :
A4CN0DL



Tgt Ion:228 Resp: 1121
Ion Ratio Lower Upper
228 100
229 26.9 17.1 25.7
226 28.5 22.4 33.6

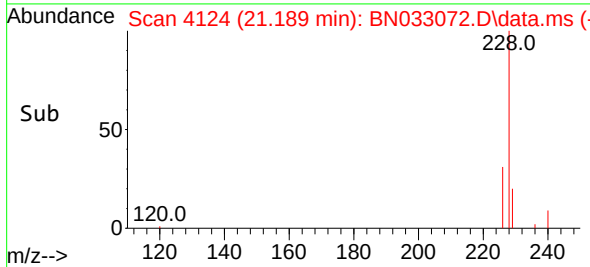
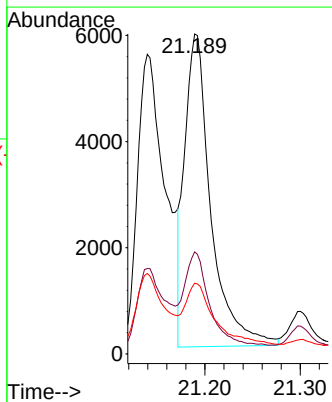
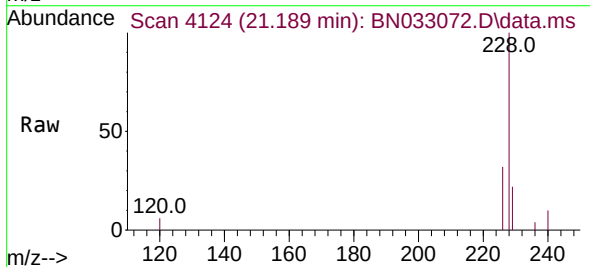
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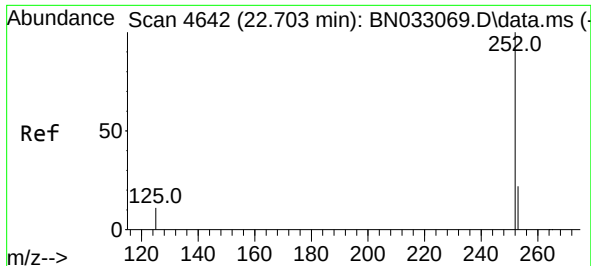
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 0.290 ng/ul
RT: 21.189 min Scan# 4124
Delta R.T. -0.006 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

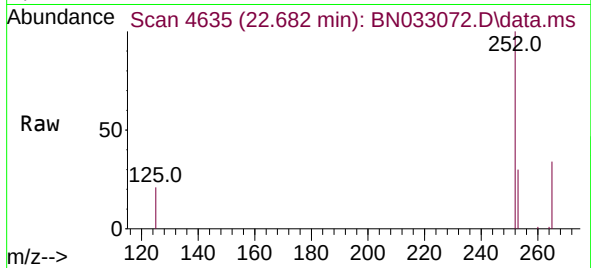
Tgt Ion:228 Resp: 11233
Ion Ratio Lower Upper
228 100
226 31.9 24.7 37.1
229 22.1 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 0.542 ng/ul m
RT: 22.682 min Scan# 4635
Delta R.T. -0.012 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

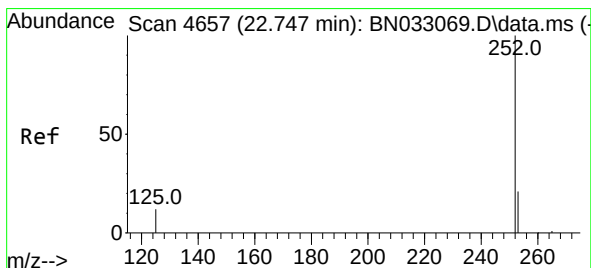
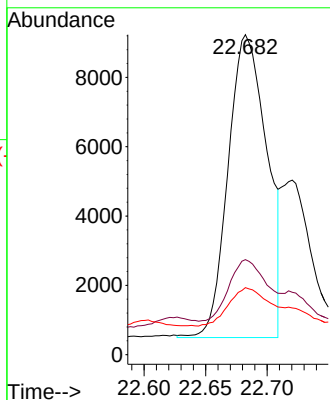
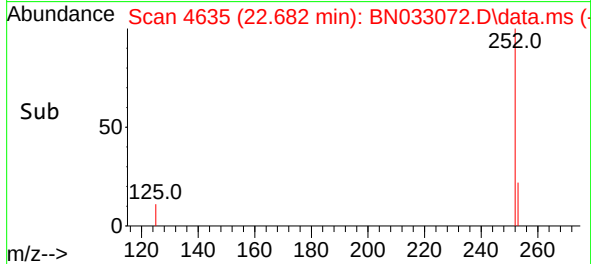
Instrument :
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A4CN0DL



Tgt Ion:252 Resp: 19130
Ion Ratio Lower Upper
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253 29.7 0.0 60.6
125 21.0 0.0 51.0

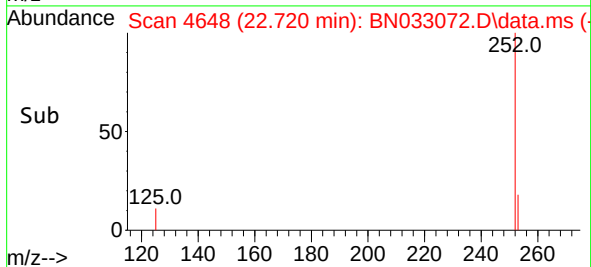
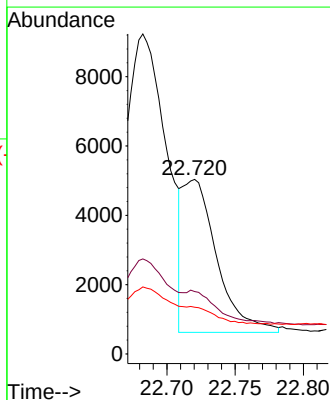
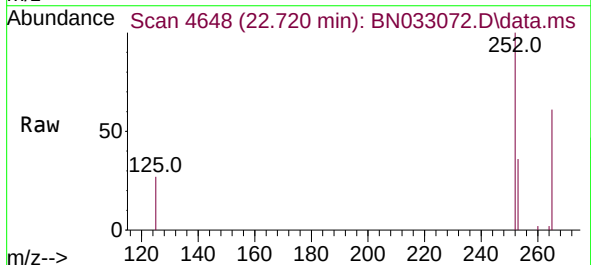
Manual Integrations
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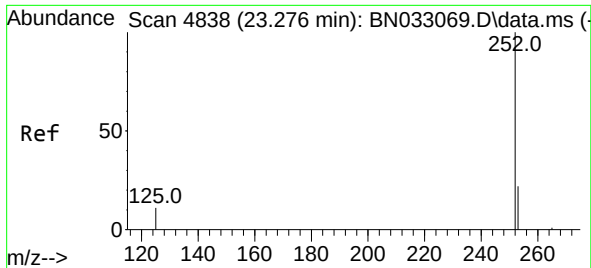
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 0.182 ng/ul m
RT: 22.720 min Scan# 4648
Delta R.T. -0.015 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

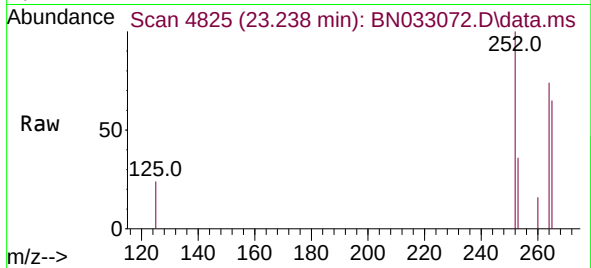
Tgt Ion:252 Resp: 7717
Ion Ratio Lower Upper
252 100
253 35.8 24.9 37.3
125 26.8 20.9 31.3





#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 23.238 min Scan# 41
Delta R.T. -0.023 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

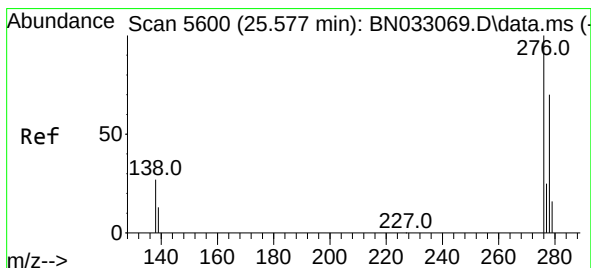
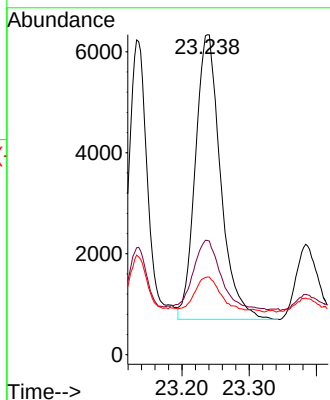
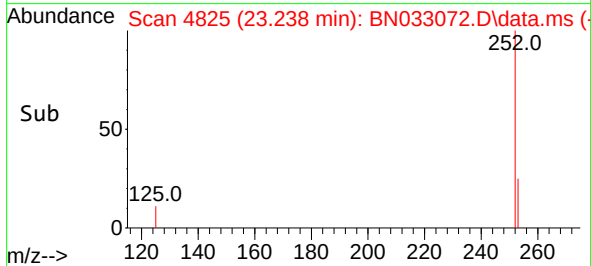
Instrument :
BNA_N
ClientSampleId :
A4CN0DL



Tgt Ion:252 Resp: 1466
Ion Ratio Lower Upper
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125 24.2 27.0 40.6

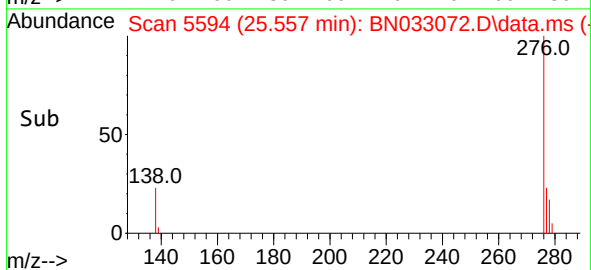
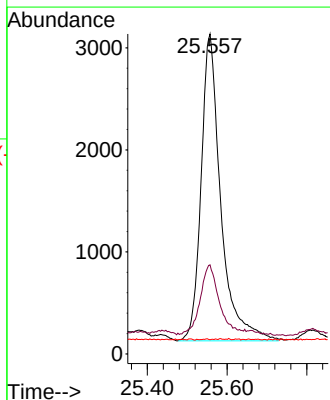
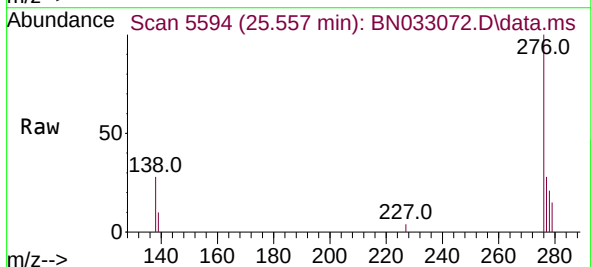
Manual Integrations
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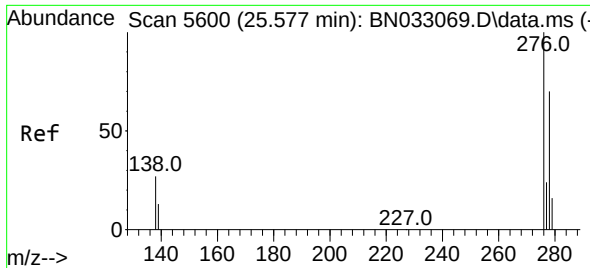
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.204 ng/ul
RT: 25.557 min Scan# 5594
Delta R.T. -0.003 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

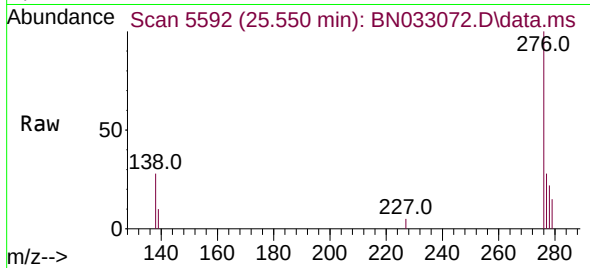
Tgt Ion:276 Resp: 10300
Ion Ratio Lower Upper
276 100
138 22.7 21.8 32.8
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.550 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

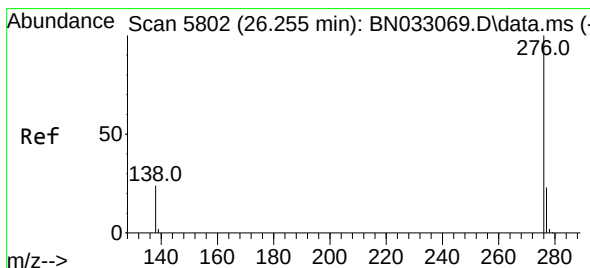
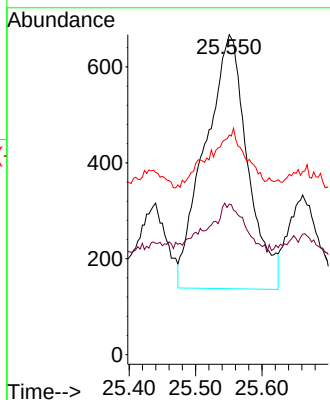
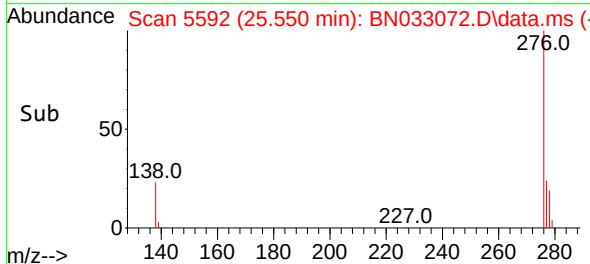
Instrument :
BNA_N
ClientSampleId :
A4CN0DL



Tgt Ion:278 Resp: 236
Ion Ratio Lower Upper
278 100
139 47.1 22.5 33.7
279 68.7 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#29
Benzo(g,h,i)perylene
Concen: 0.272 ng/ul
RT: 26.225 min Scan# 5793
Delta R.T. -0.017 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

Tgt Ion:276 Resp: 10917
Ion Ratio Lower Upper
276 100
138 29.3 24.6 37.0
277 28.5 22.6 34.0

