

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030214.D
 Acq On : 03 Mar 2024 12:10
 Operator : MA/JU
 Sample : P1512-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EOS96

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2024
 Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 03 22:52:28 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 02 16:09:30 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	2299	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	6163	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.474	164	3025	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.230	188	6192	0.400	ng/ul	-0.02
17) Chrysene-d12	21.444	240	5451	0.400	ng/ul	# 0.00
23) Perylene-d12	23.794	264	5177m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	17461	5.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	2972	0.373	ng/ul	-0.02
18) Fluoranthene-d10	19.267	212	6402	0.361	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.672	128	4450	0.245	ng/ul	100
7) 2-Methylnaphthalene	12.294	142	502	0.051	ng/ul	98
8) 1-Methylnaphthalene	12.514	142	338	0.032	ng/ul	97
11) Acenaphthene	14.534	153	260	0.021	ng/ul	93
12) Fluorene	15.529	166	414	0.033	ng/ul#	95
15) Phenanthrene	17.272	178	1988	0.096	ng/ul	93
19) Fluoranthene	19.300	202	2709	0.112	ng/ul#	91
20) Pyrene	19.662	202	2424	0.092	ng/ul#	84
21) Benzo(a)anthracene	21.426	228	1292	0.067	ng/ul#	84
22) Chrysene	21.479	228	1215	0.052	ng/ul#	86
24) Benzo(b)fluoranthene	23.084	252	1877m	0.094	ng/ul	
25) Benzo(k)fluoranthene	23.127	252	1004m	0.043	ng/ul	
26) Benzo(a)pyrene	23.689	252	1246	0.061	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	26.229	276	1238	0.048	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.259	278	484	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	26.970	276	1321	0.055	ng/ul#	76

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

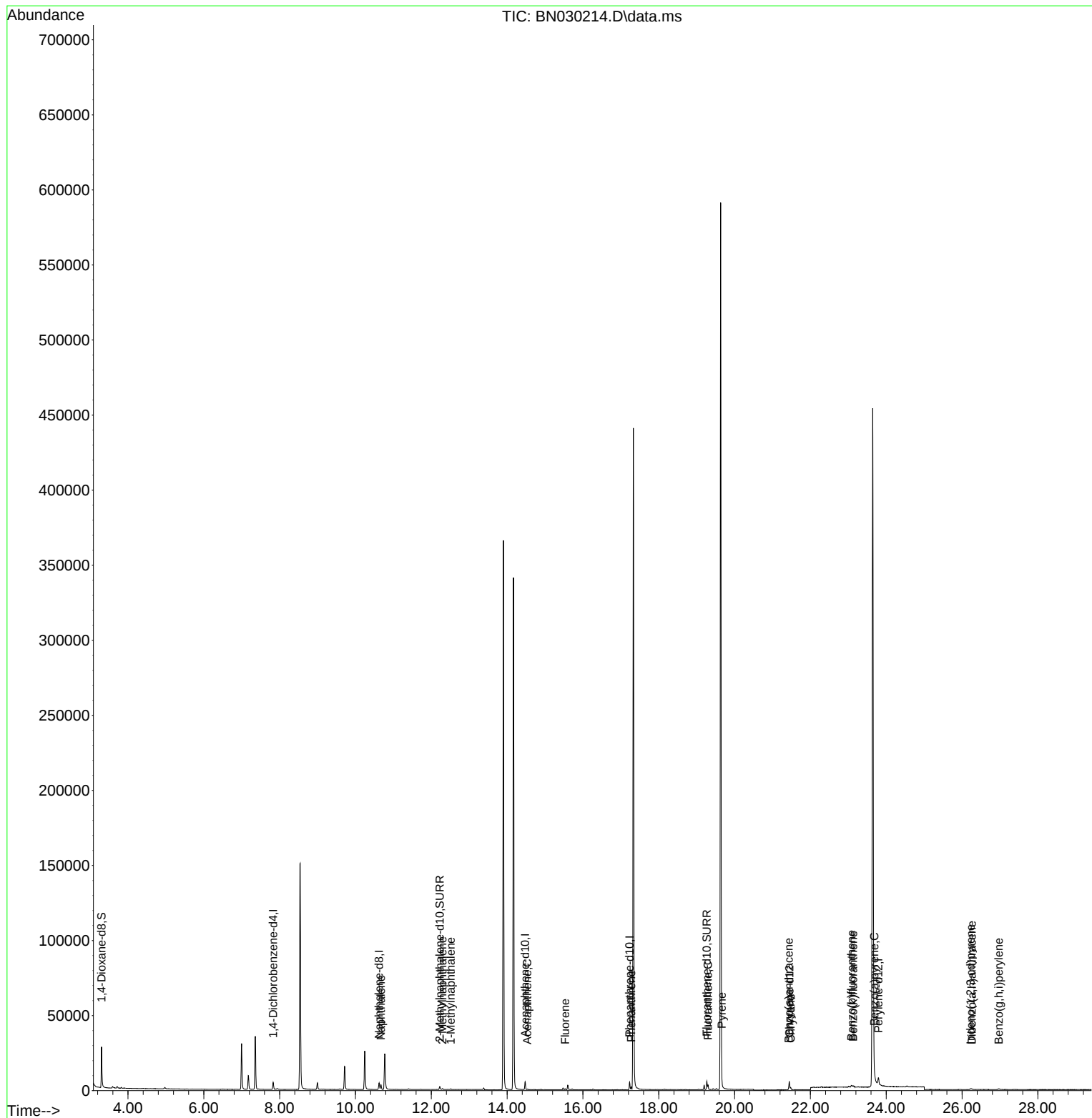
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030214.D
Acq On : 03 Mar 2024 12:10
Operator : MA/JU
Sample : P1512-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

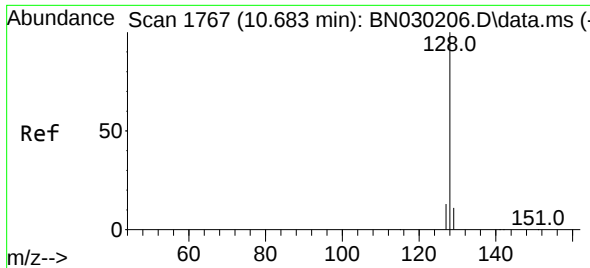
Instrument :
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ClientSampleId :
E0S96

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Supervised By :mohammad ahmed 03/05/2024

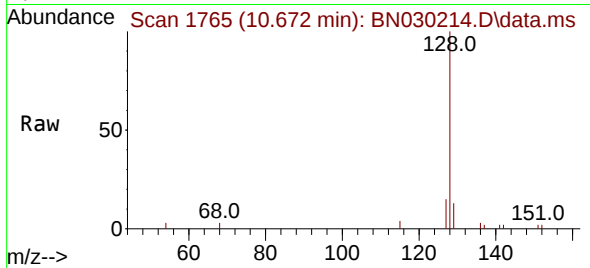
Quant Time: Mar 03 22:52:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 02 16:09:30 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.245 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. -0.016 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

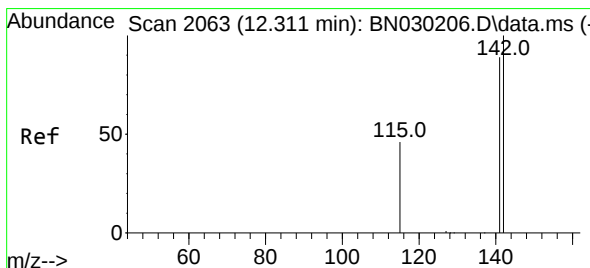
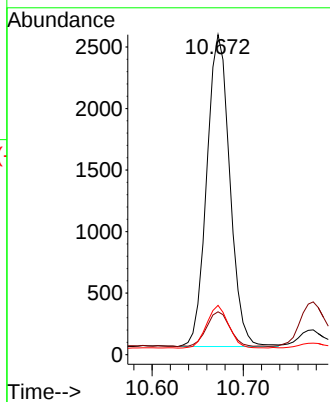
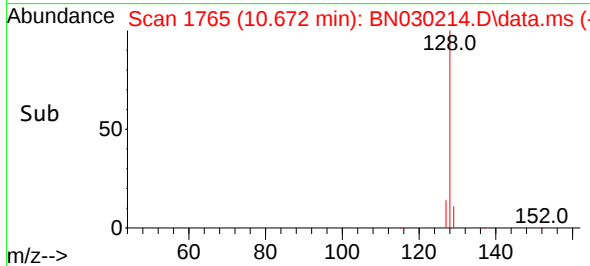
Instrument :
BNA_N
ClientSampleId :
E0S96



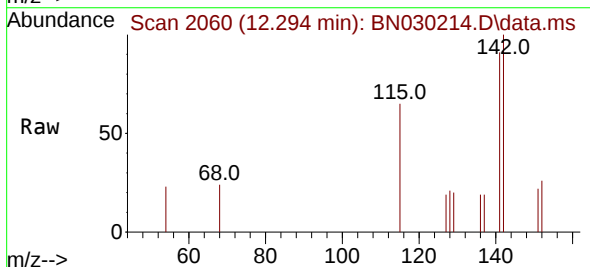
Tgt Ion:128 Resp: 4450
Ion Ratio Lower Upper
128 100
129 13.4 11.0 16.4
127 15.4 12.3 18.5

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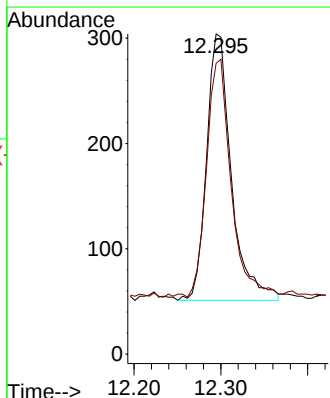
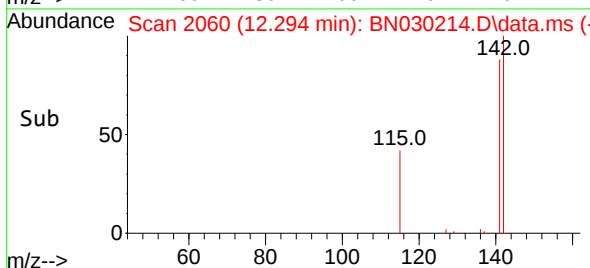
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

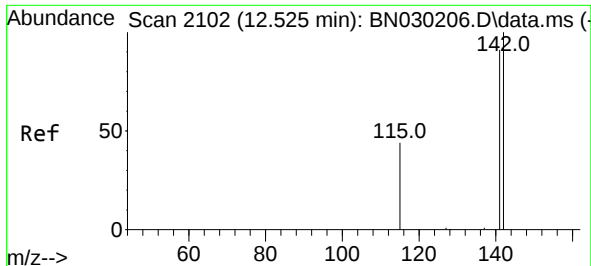


#7
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.016 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10



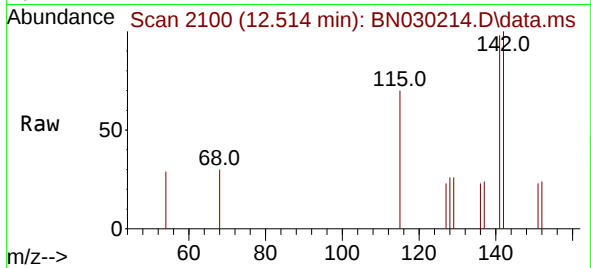
Tgt Ion:142 Resp: 502
Ion Ratio Lower Upper
142 100
141 88.8 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.514 min Scan# 2102
Delta R.T. -0.011 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

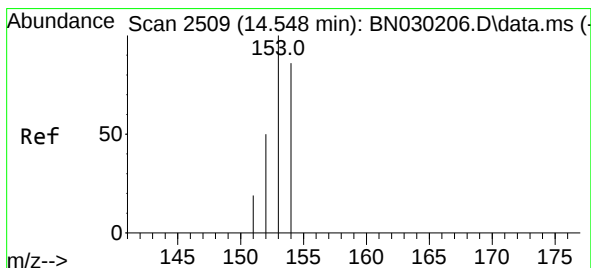
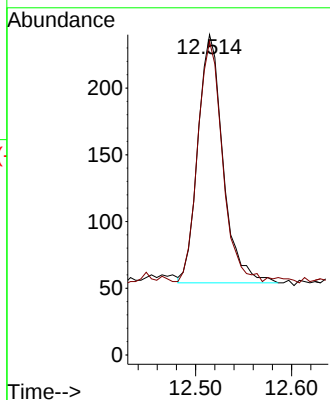
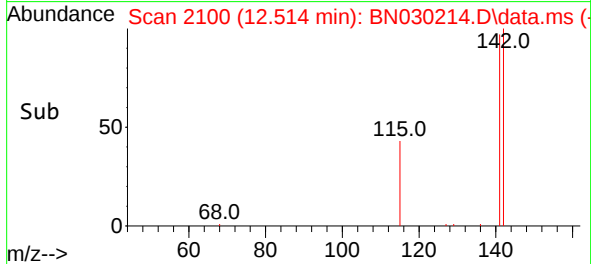
Instrument :
BNA_N
ClientSampleId :
E0S96



Tgt Ion:142 Resp: 338
Ion Ratio Lower Upper
142 100
141 95.6 74.2 111.2

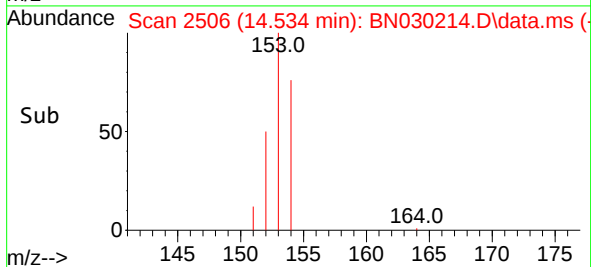
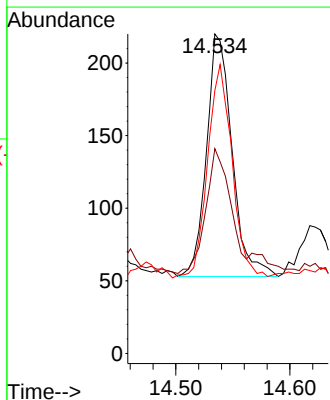
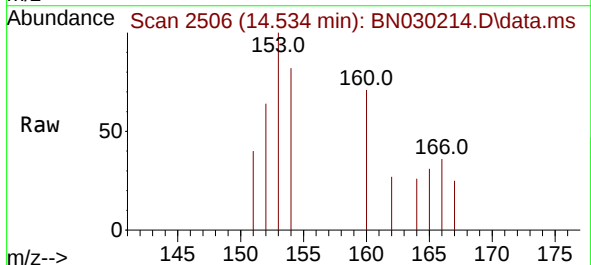
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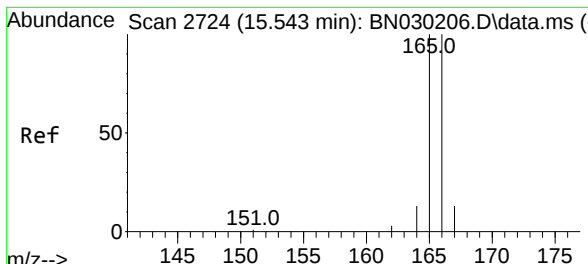
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.015 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

Tgt Ion:153 Resp: 260
Ion Ratio Lower Upper
153 100
152 64.1 43.2 64.8
154 82.3 67.5 101.3





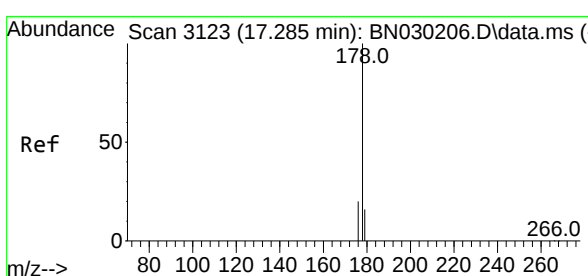
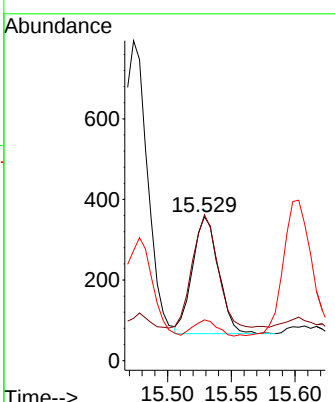
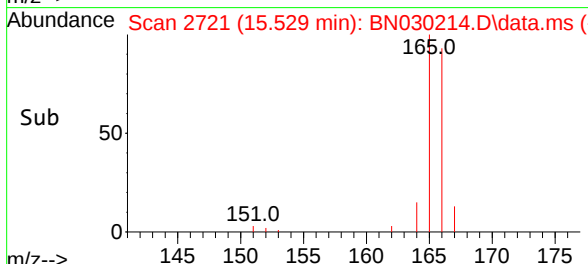
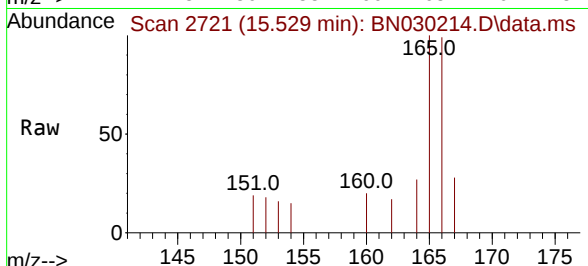
#12
 Fluorene
 Concen: 0.033 ng/u1
 RT: 15.529 min Scan# 21
 Delta R.T. -0.019 min
 Lab File: BN030214.D
 Acq: 03 Mar 2024 12:10

Instrument : BNA_N
 ClientSampleId : E0S96

Tgt Ion:166 Resp: 414

Ion	Ratio	Lower	Upper
166	100		
165	101.4	81.8	122.6
167	28.3	13.0	19.4

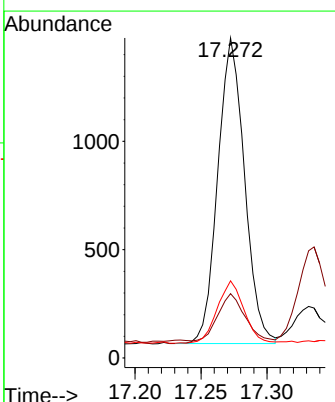
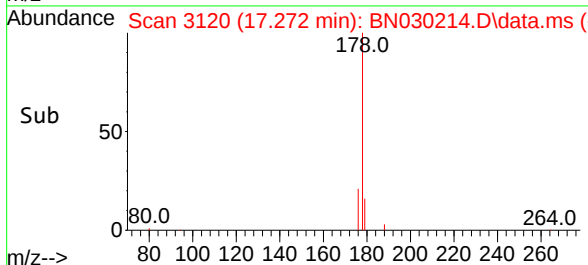
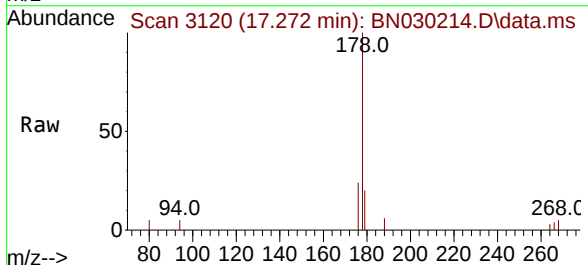
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 Reviewed By :Jagrut Upadhyay 03/04/2024
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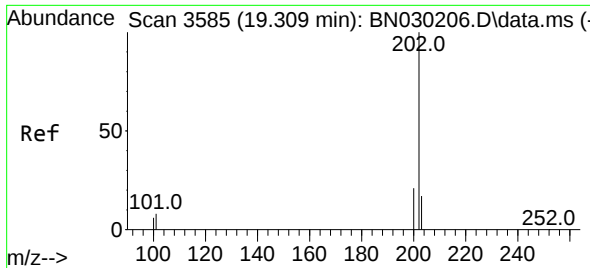


#15
 Phenanthrene
 Concen: 0.096 ng/u1
 RT: 17.272 min Scan# 3120
 Delta R.T. -0.018 min
 Lab File: BN030214.D
 Acq: 03 Mar 2024 12:10

Tgt Ion:178 Resp: 1988

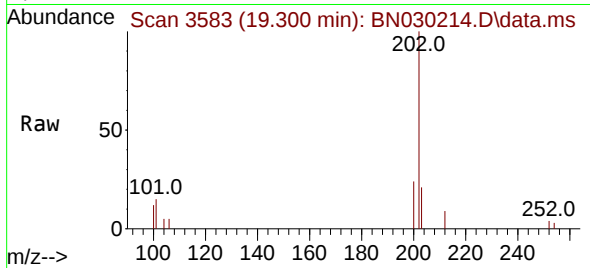
Ion	Ratio	Lower	Upper
178	100		
179	20.1	13.8	20.8
176	24.1	16.6	25.0





#19
Fluoranthene
Concen: 0.112 ng/u1
RT: 19.300 min Scan# 3585
Delta R.T. -0.015 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

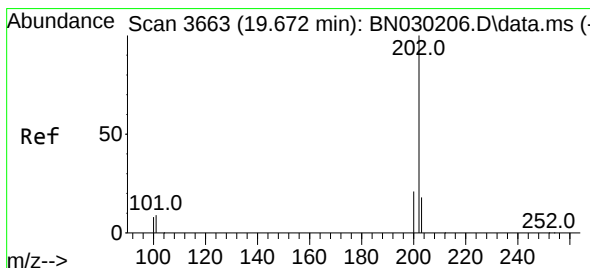
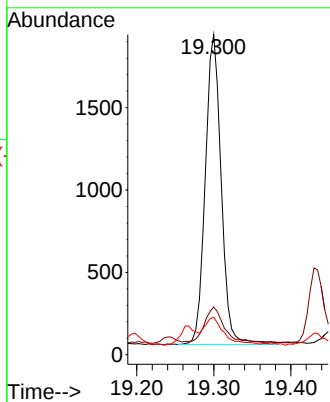
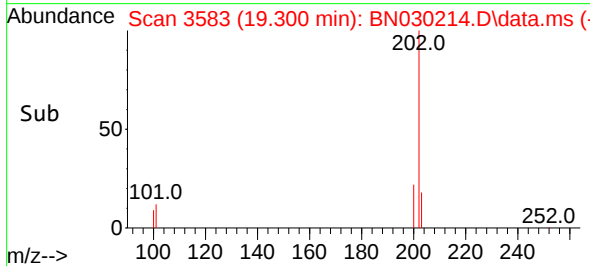
Instrument :
BNA_N
ClientSampleId :
E0S96



Tgt Ion:202 Resp: 2709
Ion Ratio Lower Upper
202 100
101 14.9 8.8 13.2#
100 11.7 7.4 11.2#

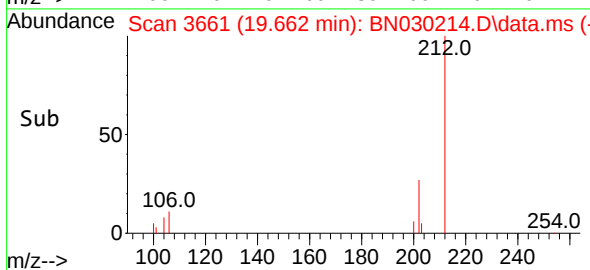
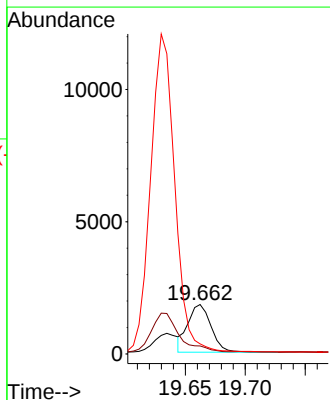
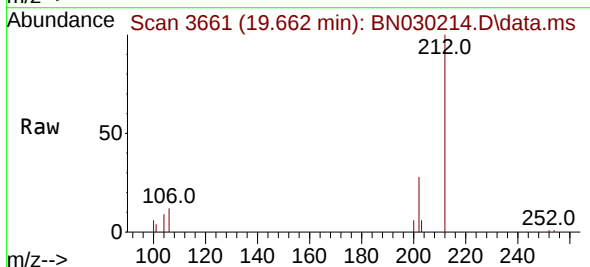
Manual Integrations
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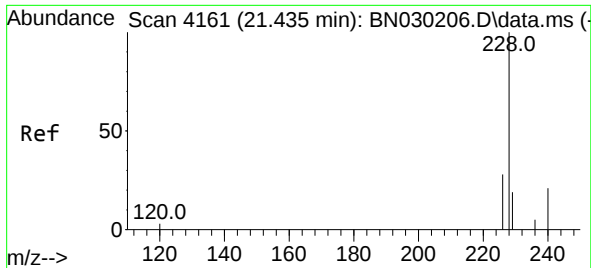
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#20
Pyrene
Concen: 0.092 ng/u1
RT: 19.662 min Scan# 3661
Delta R.T. -0.010 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

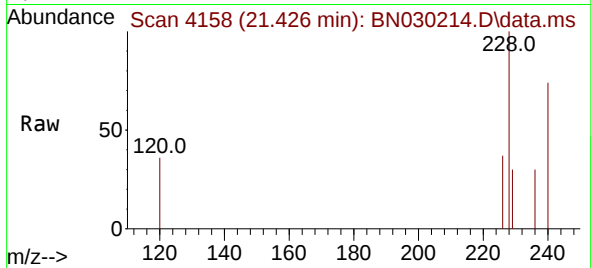
Tgt Ion:202 Resp: 2424
Ion Ratio Lower Upper
202 100
101 16.3 10.6 15.8#
100 20.5 8.8 13.2#





#21
Benzo(a)anthracene
Concen: 0.067 ng/ul
RT: 21.426 min Scan# 4158
Delta R.T. -0.012 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

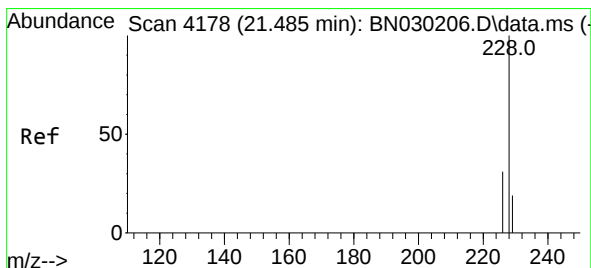
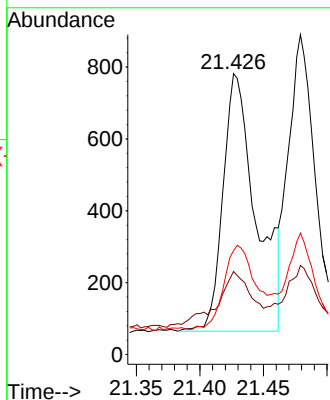
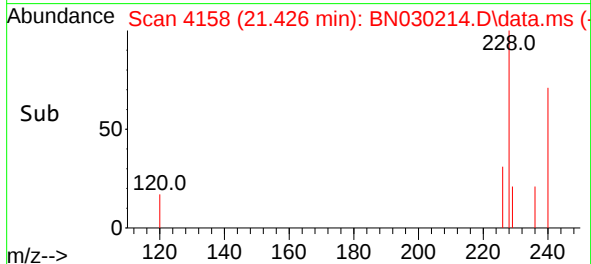
Instrument :
BNA_N
ClientSampleId :
E0S96



Tgt Ion:228 Resp: 1295
Ion Ratio Lower Upper
228 100
229 29.5 16.6 24.8#
226 37.0 23.7 35.5#

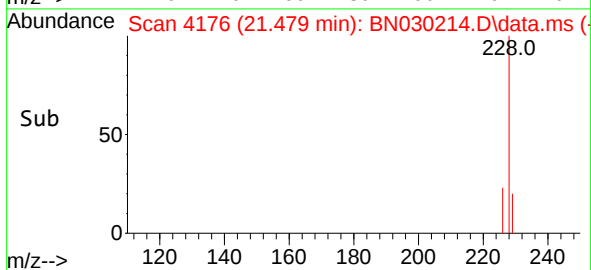
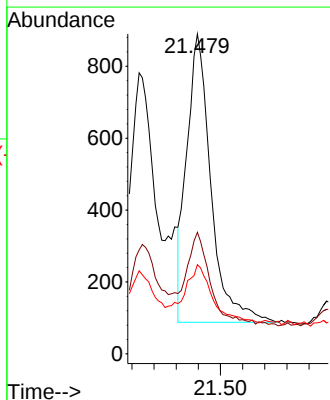
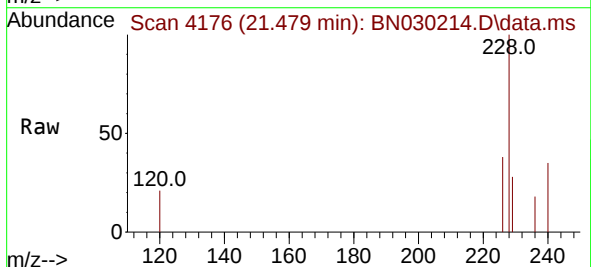
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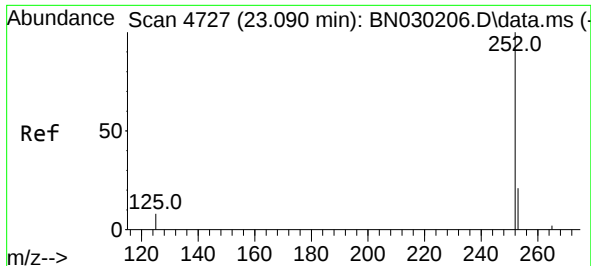
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#22
Chrysene
Concen: 0.052 ng/ul
RT: 21.479 min Scan# 4176
Delta R.T. -0.010 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

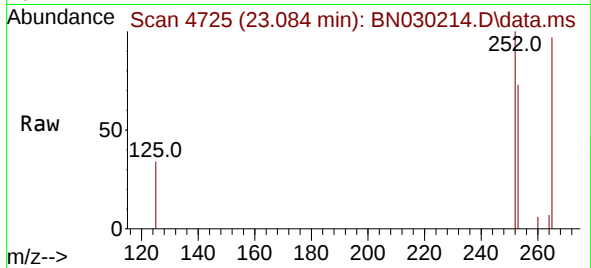
Tgt Ion:228 Resp: 1215
Ion Ratio Lower Upper
228 100
226 38.0 24.6 37.0#
229 27.9 16.6 24.8#





#24
Benzo(b)fluoranthene
Concen: 0.094 ng/ul m
RT: 23.084 min Scan# 4725
Delta R.T. -0.012 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

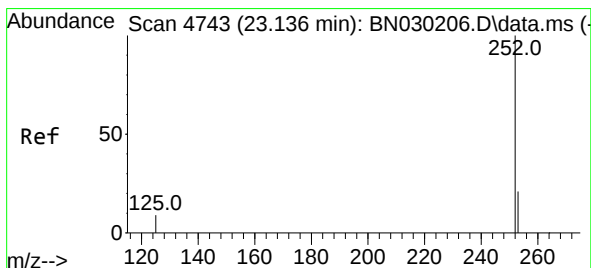
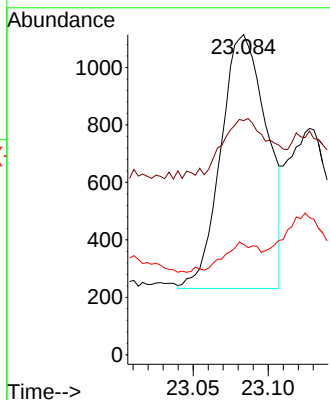
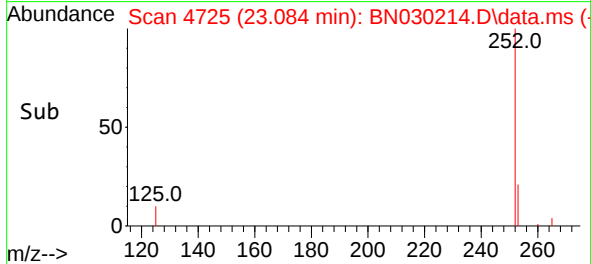
Instrument :
BNA_N
ClientSampleId :
E0S96



Tgt Ion:252 Resp: 187
Ion Ratio Lower Upper
252 100
253 73.2 0.0 69.4
125 34.5 0.0 32.8

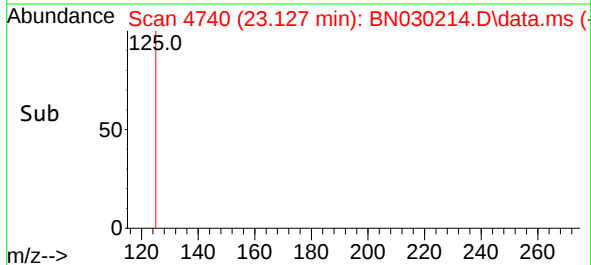
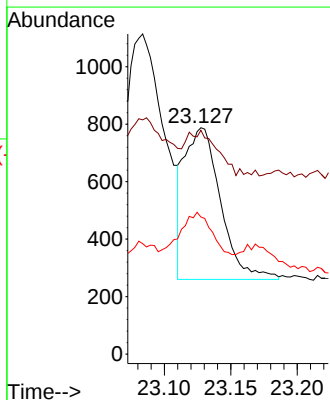
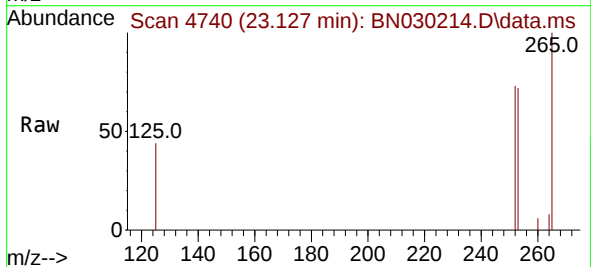
Manual Integrations
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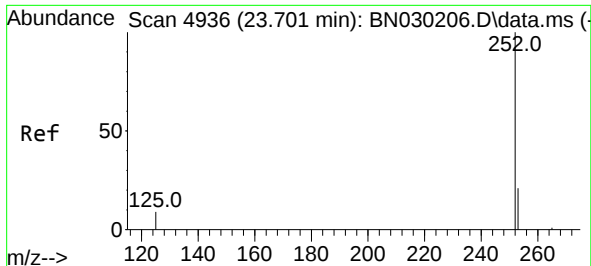
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.043 ng/ul m
RT: 23.127 min Scan# 4740
Delta R.T. -0.015 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

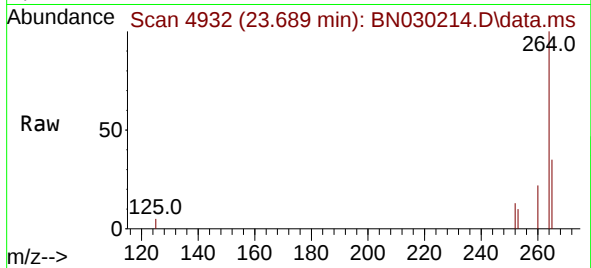
Tgt Ion:252 Resp: 1004
Ion Ratio Lower Upper
252 100
253 98.9 28.0 42.0#
125 60.5 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.061 ng/ul
RT: 23.689 min Scan# 4936
Delta R.T. -0.021 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

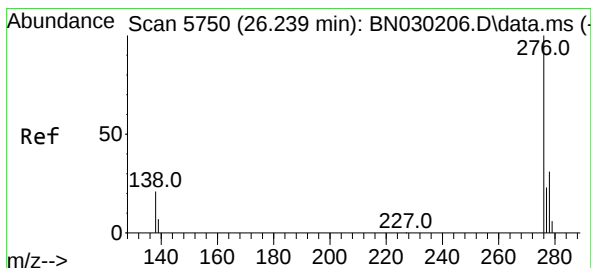
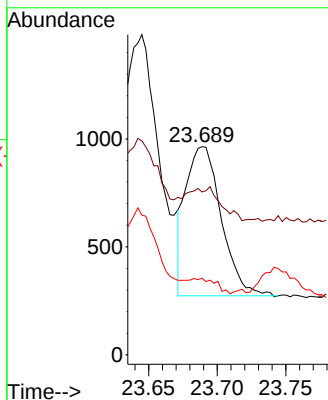
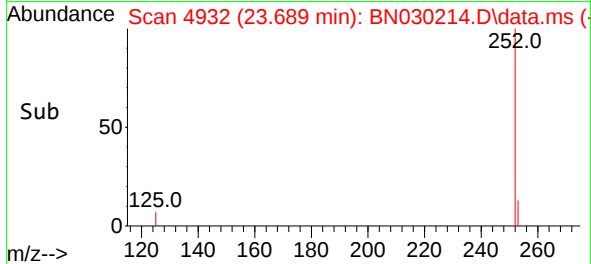
Instrument :
BNA_N
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E0S96



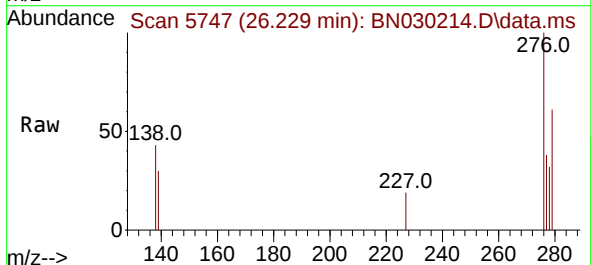
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Ion Ratio Lower Upper
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253 78.2 33.0 49.4#
125 36.8 16.9 25.3#

Manual Integrations
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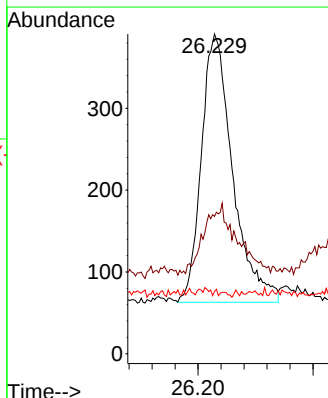
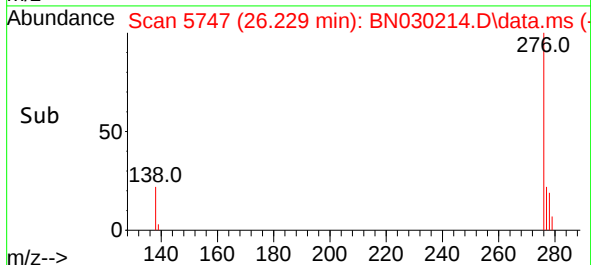
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

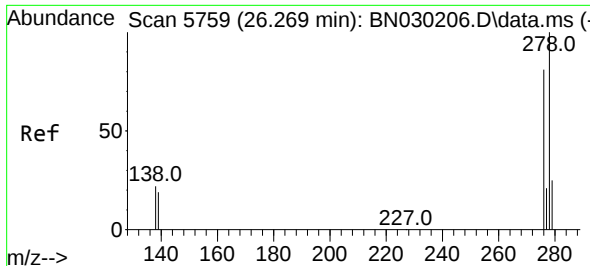


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.048 ng/ul
RT: 26.229 min Scan# 5747
Delta R.T. -0.021 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10



Tgt Ion:276 Resp: 1238
Ion Ratio Lower Upper
276 100
138 0.0 20.9 31.3#
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.024 ng/ul

RT: 26.259 min Scan# 51

Delta R.T. -0.028 min

Lab File: BN030214.D

Acq: 03 Mar 2024 12:10

Instrument :

BNA_N

ClientSampleId :

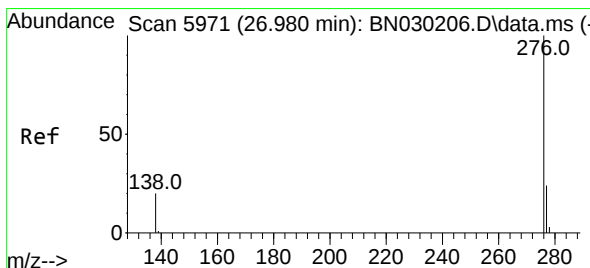
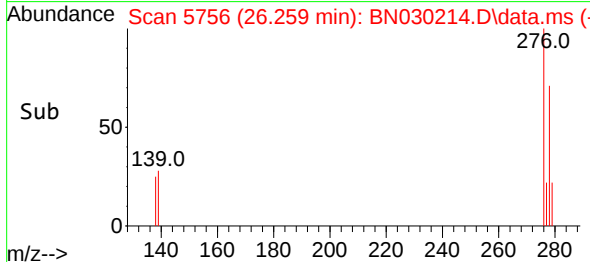
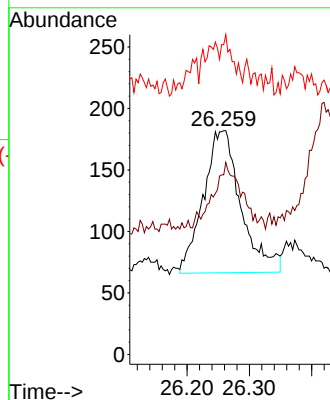
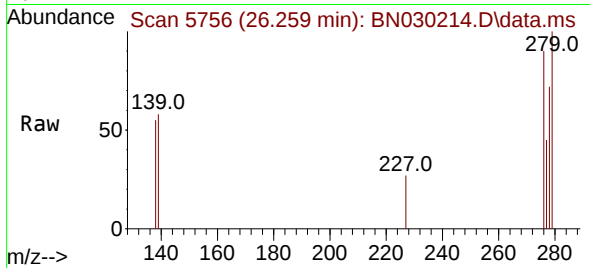
EOS96

Tgt Ion:278 Resp: 484
 Ion Ratio Lower Upper
 278 100
 139 80.2 18.9 28.3#
 279 138.5 31.8 47.6#

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2024
 Supervised By :mohammad ahmed 03/05/2024



#29

Benzo(g,h,i)perylene

Concen: 0.055 ng/ul

RT: 26.970 min Scan# 5968

Delta R.T. -0.014 min

Lab File: BN030214.D

Acq: 03 Mar 2024 12:10

Tgt Ion:276 Resp: 1321
 Ion Ratio Lower Upper
 276 100
 138 43.8 22.6 33.8#
 277 36.9 21.9 32.9#

