

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022229.D
 Acq On : 20 Oct 2022 11:44
 Operator : CG/JU
 Sample : N5023-12DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BD1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/21/2022
 Supervised By :mohammad ahmed 10/21/2022

Quant Time: Oct 21 01:49:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 23:32:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	5787	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	19813	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	11339	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	23721	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	16805	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	12438	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	8414	1.119	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	2072	0.069	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	4195	0.074	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.827	128	3004	0.051	ng/ul#	94
7) 2-Methylnaphthalene	12.450	142	1732	0.047	ng/ul	100
8) 1-Methylnaphthalene	12.670	142	1436	0.038	ng/ul	100
15) Phenanthrene	17.421	178	11629	0.146	ng/ul	100
16) Anthracene	17.509	178	1970	0.029	ng/ul#	87
19) Fluoranthene	19.445	202	28893	0.375	ng/ul	97
20) Pyrene	19.807	202	24395m	0.315	ng/ul	
21) Benzo(a)anthracene	21.561	228	10108	0.161	ng/ul	96
22) Chrysene	21.614	228	12313	0.184	ng/ul	96
24) Benzo(b)fluoranthene	23.286	252	13783m	0.221	ng/ul	
25) Benzo(k)fluoranthene	23.330	252	5242m	0.086	ng/ul	
26) Benzo(a)pyrene	23.926	252	8828	0.177	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.622	276	6102	0.099	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.642	278	1723	0.035	ng/ul#	45
29) Benzo(g,h,i)perylene	27.420	276	5281	0.105	ng/ul	92

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

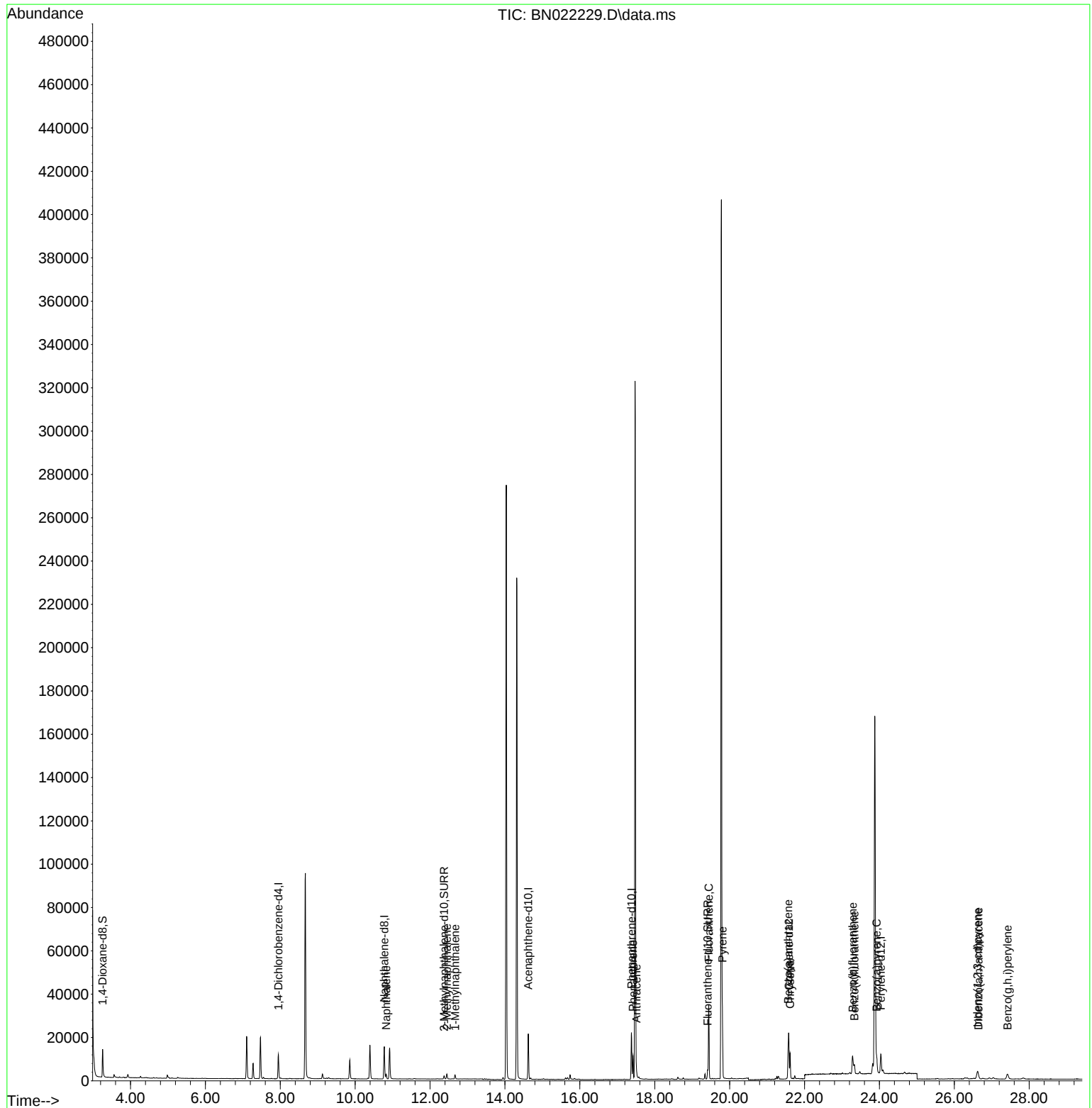
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022229.D
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ALS Vial : 35 Sample Multiplier: 1

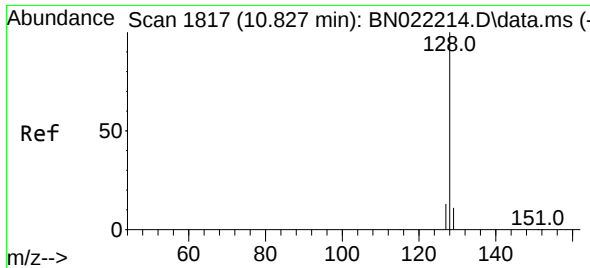
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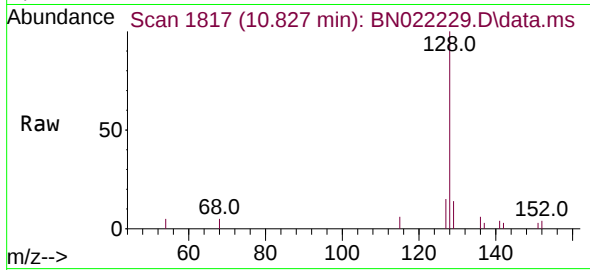
Quant Time: Oct 21 01:49:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
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#5
Naphthalene
Concen: 0.051 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022229.D
Acq: 20 Oct 2022 11:44

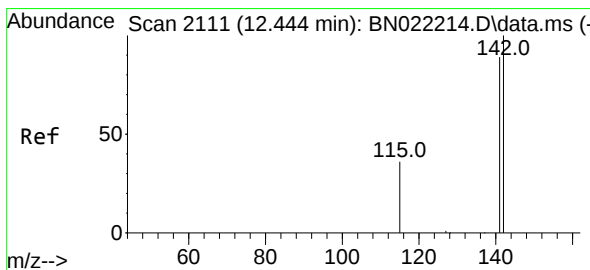
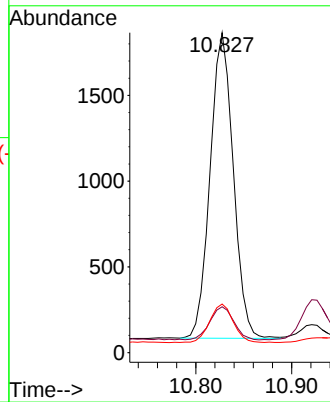
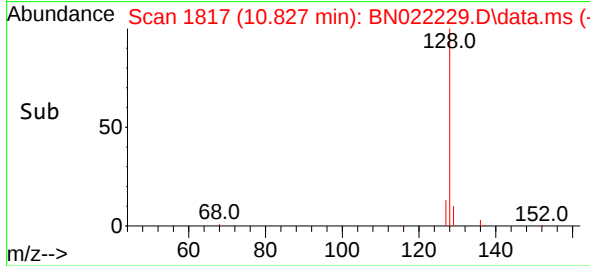
Instrument :
BNA_N
ClientSampleId :
C0BD1DL



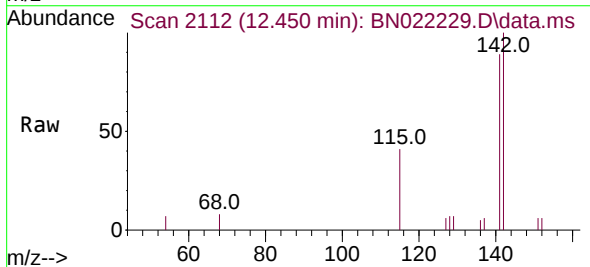
Tgt Ion:128 Resp: 3004
Ion Ratio Lower Upper
128 100
129 14.3 9.3 13.9
127 15.2 10.7 16.1

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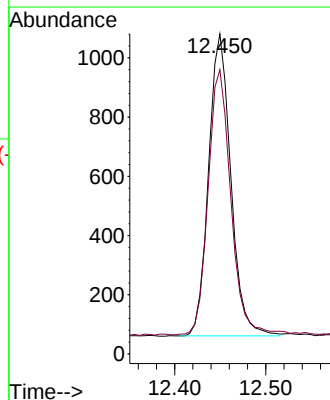
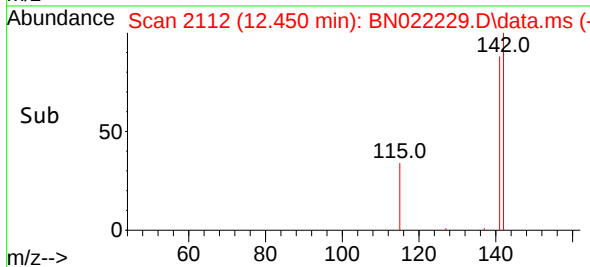
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/21/2022

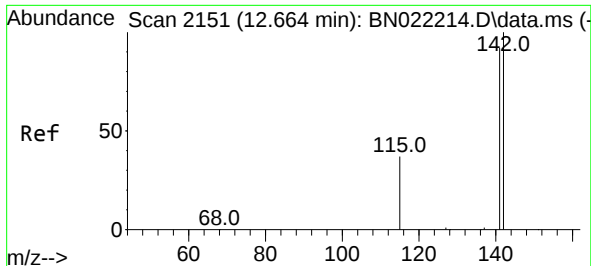


#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.450 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BN022229.D
Acq: 20 Oct 2022 11:44



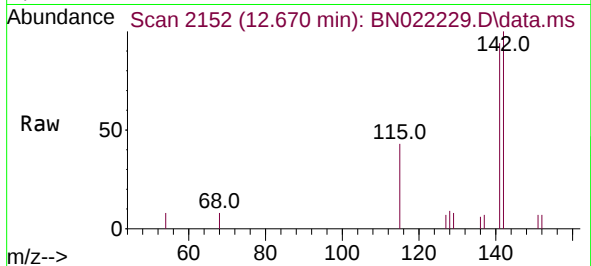
Tgt Ion:142 Resp: 1732
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.670 min Scan# 2151
Delta R.T. 0.001 min
Lab File: BN022229.D
Acq: 20 Oct 2022 11:44

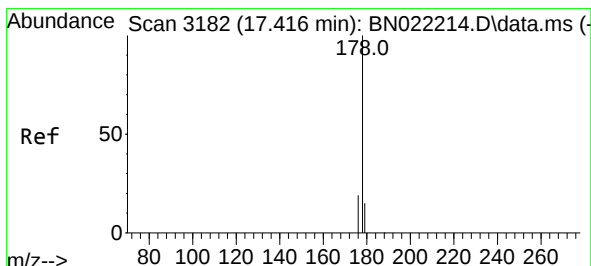
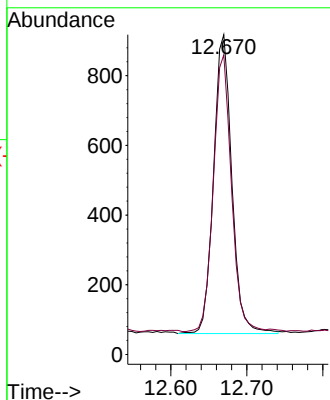
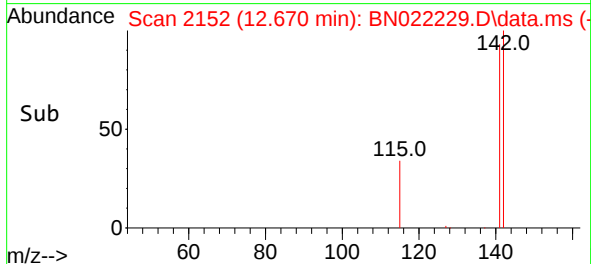
Instrument :
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Tgt Ion:142 Resp: 1436
Ion Ratio Lower Upper
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141 91.6 73.3 109.9

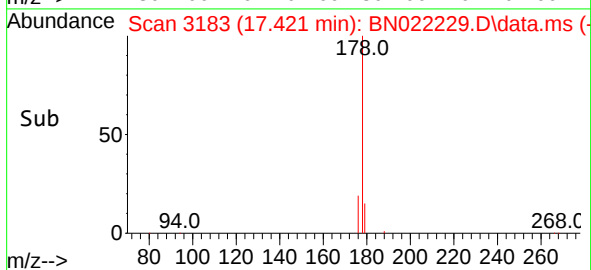
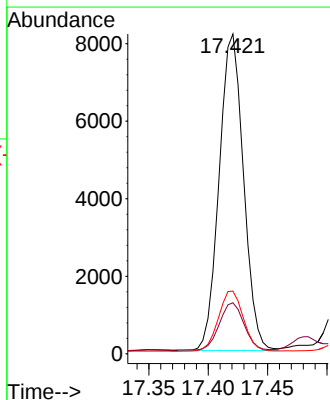
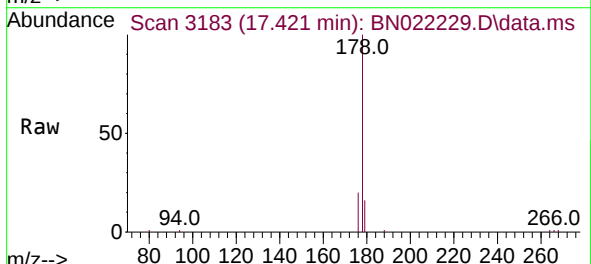
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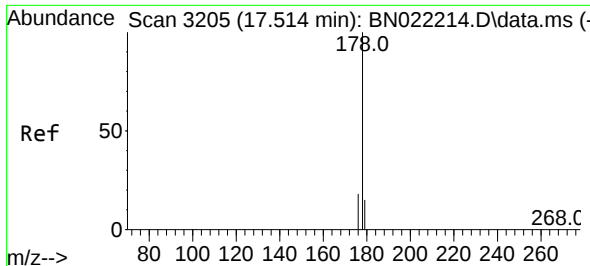
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/21/2022



#15
Phenanthrene
Concen: 0.146 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022229.D
Acq: 20 Oct 2022 11:44

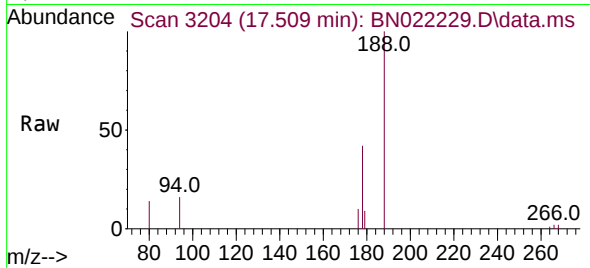
Tgt Ion:178 Resp: 11629
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.6 15.4 23.2





#16
 Anthracene
 Concen: 0.029 ng/ul
 RT: 17.509 min Scan# 3205
 Delta R.T. -0.007 min
 Lab File: BN022229.D
 Acq: 20 Oct 2022 11:44

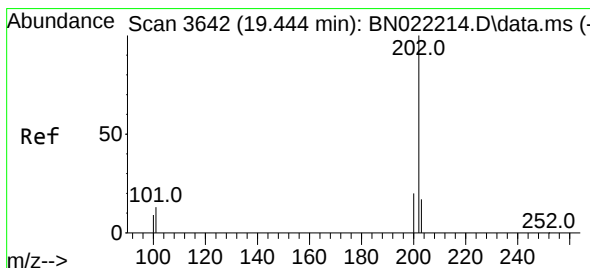
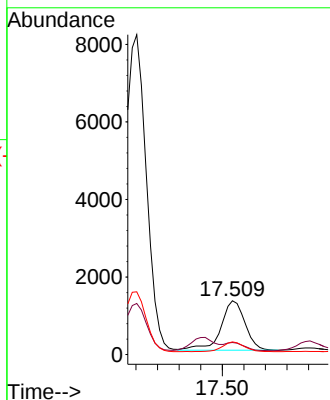
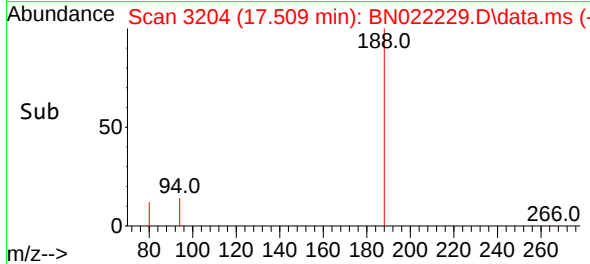
Instrument :
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 ClientSampleId :
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Tgt Ion:178 Resp: 1970
 Ion Ratio Lower Upper
 178 100
 179 22.3 12.6 18.8
 176 23.5 15.0 22.6

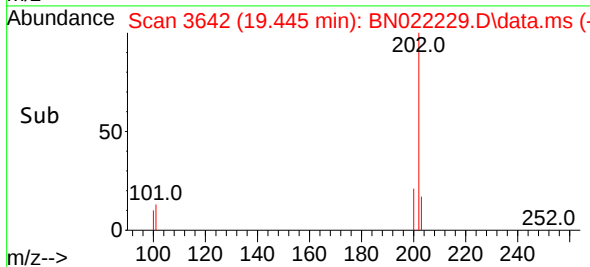
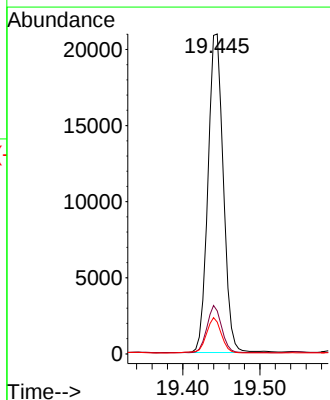
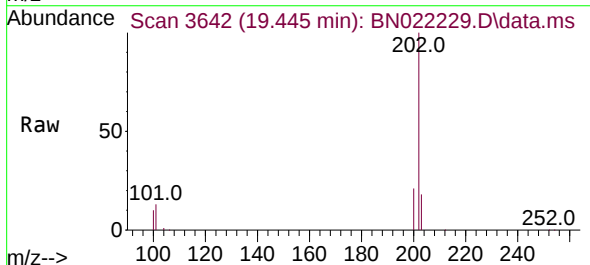
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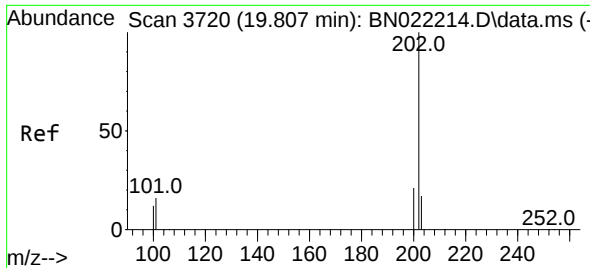
Reviewed By :Jagrut Upadhyay 10/21/2022
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#19
 Fluoranthene
 Concen: 0.375 ng/ul
 RT: 19.445 min Scan# 3642
 Delta R.T. 0.001 min
 Lab File: BN022229.D
 Acq: 20 Oct 2022 11:44

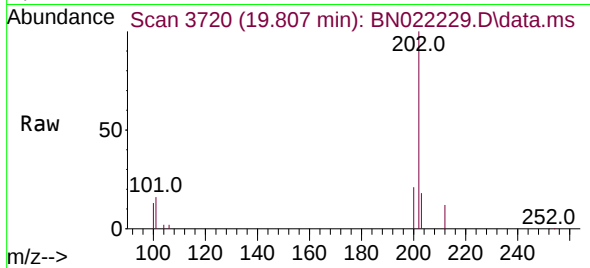
Tgt Ion:202 Resp: 28893
 Ion Ratio Lower Upper
 202 100
 101 13.4 11.8 17.6
 100 9.9 8.7 13.1





#20
Pyrene
Concen: 0.315 ng/ul m
RT: 19.807 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN022229.D
Acq: 20 Oct 2022 11:44

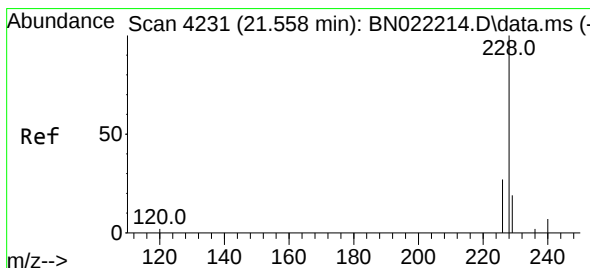
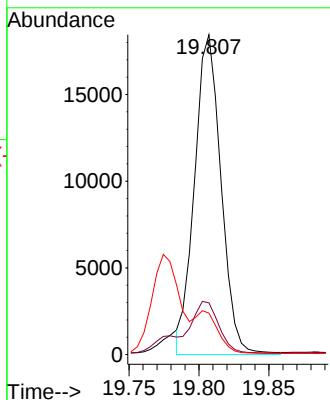
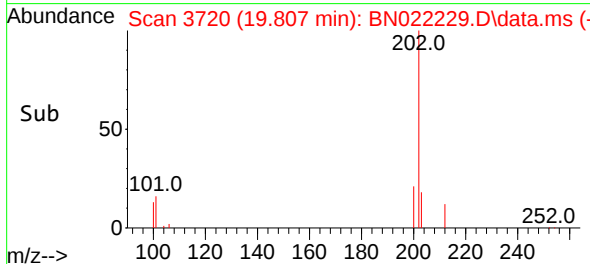
Instrument :
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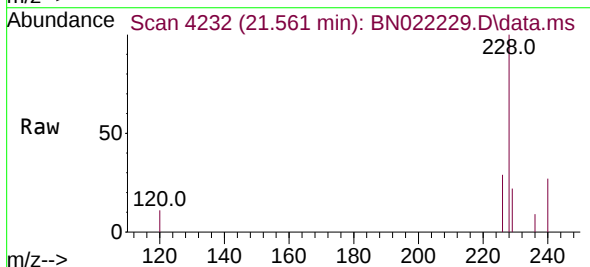
Tgt Ion:202 Resp: 24395
Ion Ratio Lower Upper
202 100
101 16.2 13.1 19.7
100 13.0 10.6 16.0

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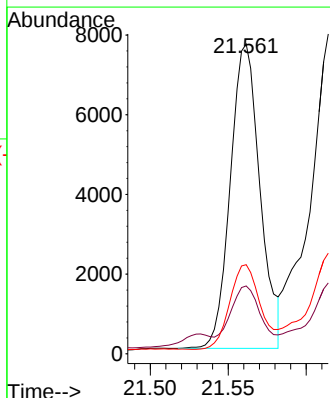
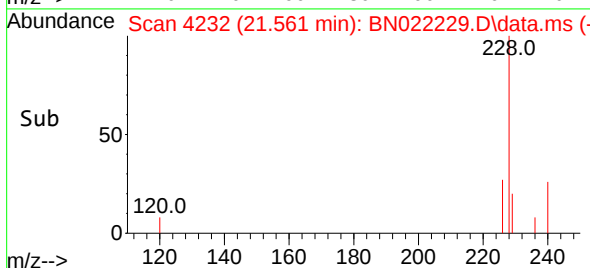
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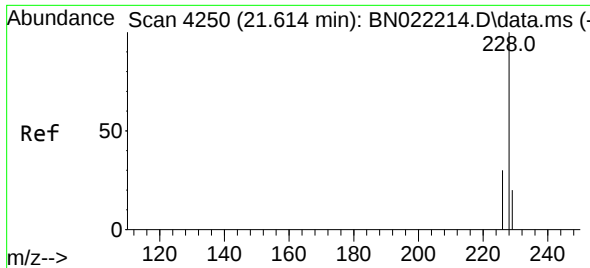


#21
Benzo(a)anthracene
Concen: 0.161 ng/ul
RT: 21.561 min Scan# 4232
Delta R.T. -0.006 min
Lab File: BN022229.D
Acq: 20 Oct 2022 11:44



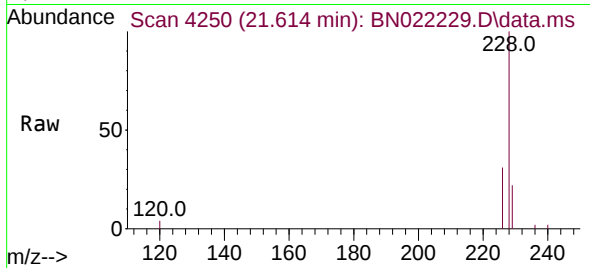
Tgt Ion:228 Resp: 10108
Ion Ratio Lower Upper
228 100
229 21.9 15.7 23.5
226 28.8 21.5 32.3





#22
Chrysene
Concen: 0.184 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022229.D
Acq: 20 Oct 2022 11:44

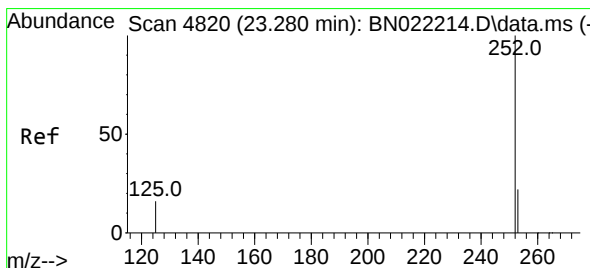
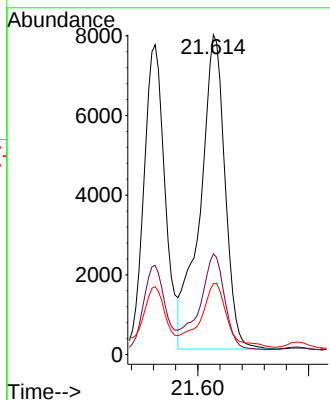
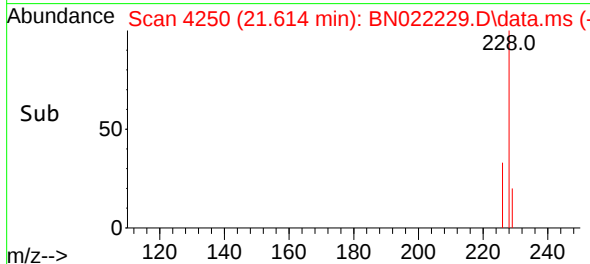
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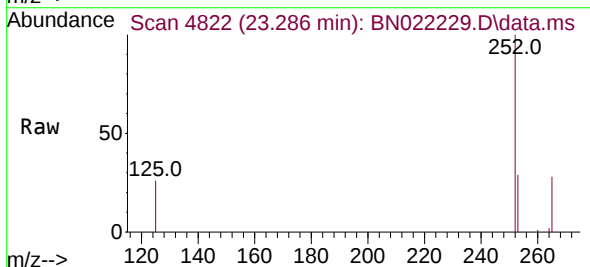
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Ion Ratio Lower Upper
228 100
226 31.5 23.9 35.9
229 22.2 15.9 23.9

Manual Integrations
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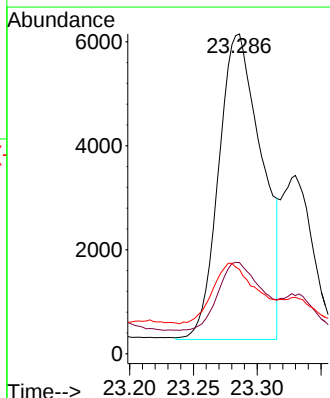
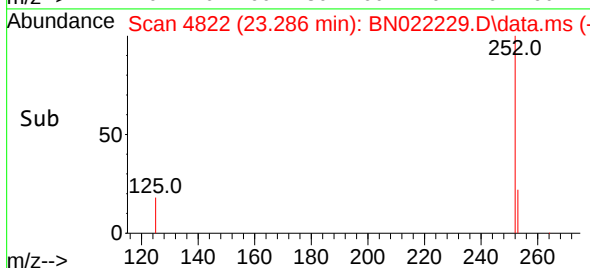
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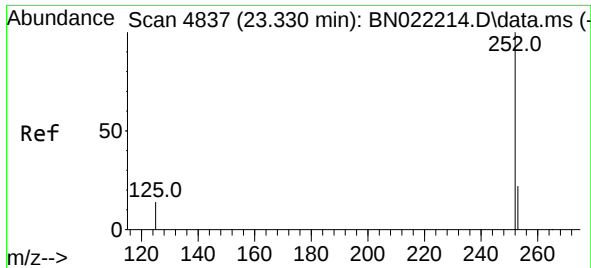


#24
Benzo(b)fluoranthene
Concen: 0.221 ng/ul m
RT: 23.286 min Scan# 4822
Delta R.T. -0.003 min
Lab File: BN022229.D
Acq: 20 Oct 2022 11:44



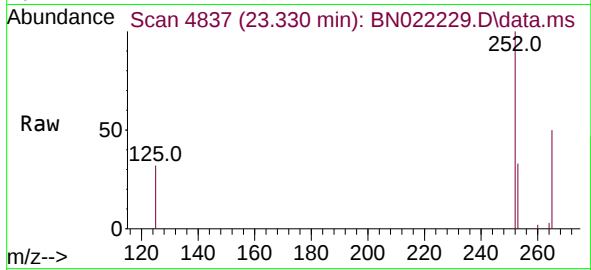
Tgt Ion:252 Resp: 13783
Ion Ratio Lower Upper
252 100
253 28.5 0.0 49.0
125 26.4 0.0 35.2





#25
Benzo(k)fluoranthene
Concen: 0.086 ng/ul m
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022229.D
Acq: 20 Oct 2022 11:44

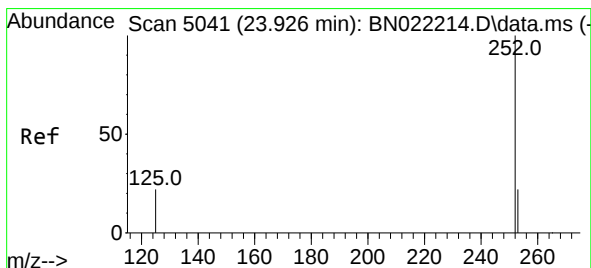
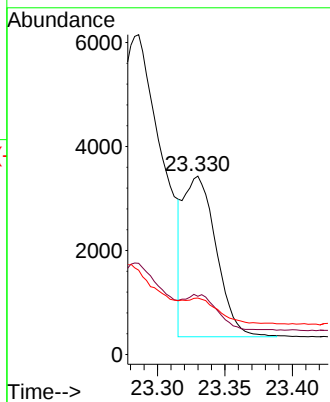
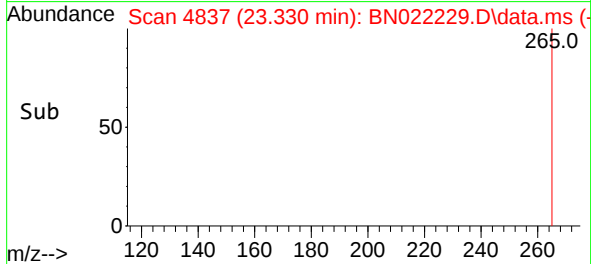
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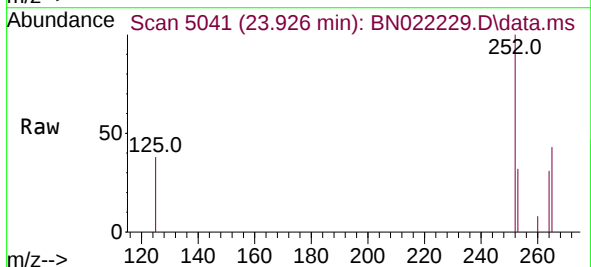
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Ion Ratio Lower Upper
252 100
253 32.7 19.7 29.5#
125 31.7 14.0 21.0#

Manual Integrations
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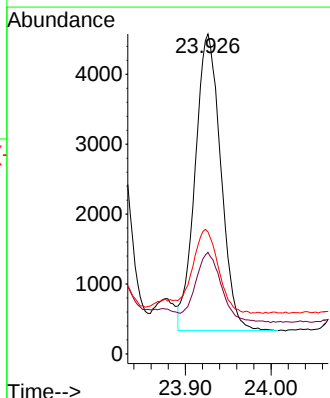
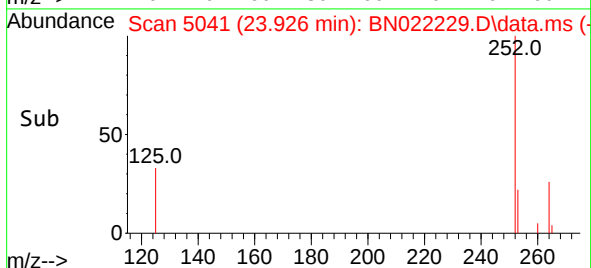
Reviewed By :Jagrut Upadhyay 10/21/2022
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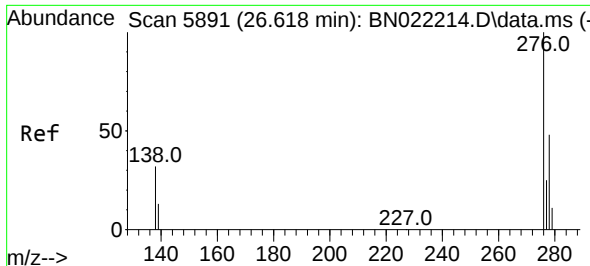


#26
Benzo(a)pyrene
Concen: 0.177 ng/ul
RT: 23.926 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022229.D
Acq: 20 Oct 2022 11:44



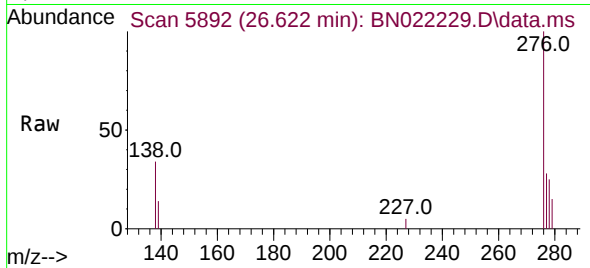
Tgt Ion:252 Resp: 8828
Ion Ratio Lower Upper
252 100
253 31.7 21.0 31.6#
125 38.1 17.9 26.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.099 ng/ul
RT: 26.622 min Scan# 5892
Delta R.T. -0.014 min
Lab File: BN022229.D
Acq: 20 Oct 2022 11:44

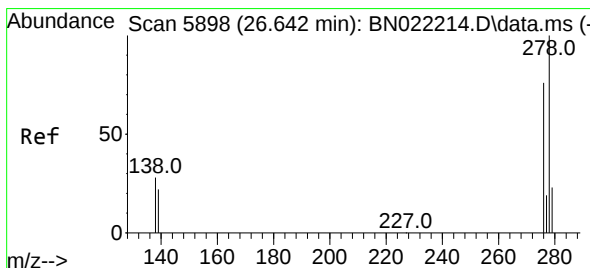
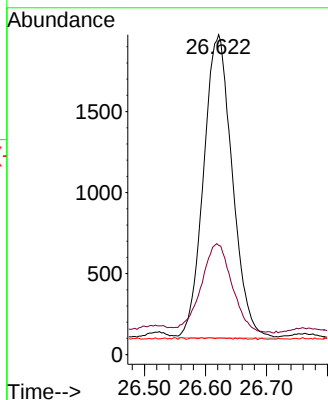
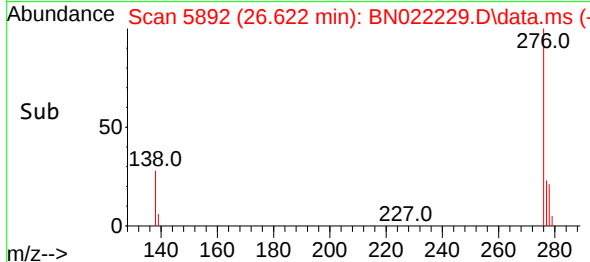
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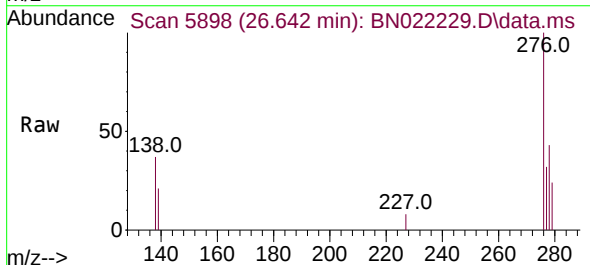
Tgt Ion: 276 Resp: 6102
Ion Ratio Lower Upper
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138 32.1 27.7 41.5
227 0.2 0.2 0.2

Manual Integrations
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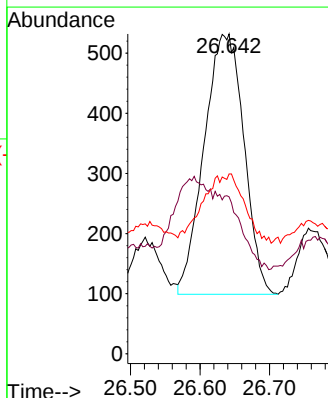
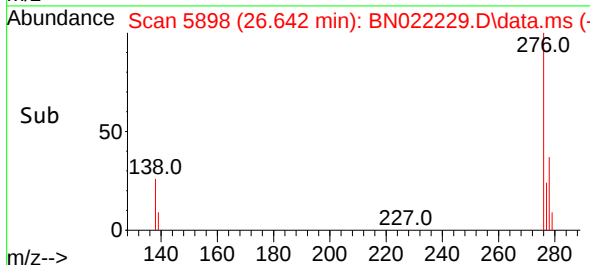
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/21/2022

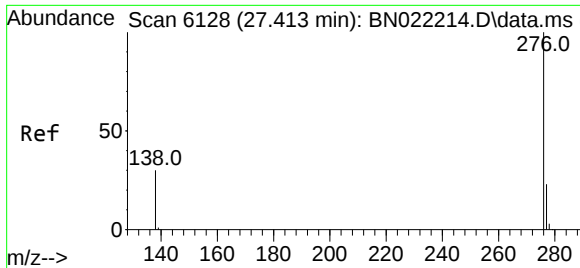


#28
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 26.642 min Scan# 5898
Delta R.T. -0.014 min
Lab File: BN022229.D
Acq: 20 Oct 2022 11:44



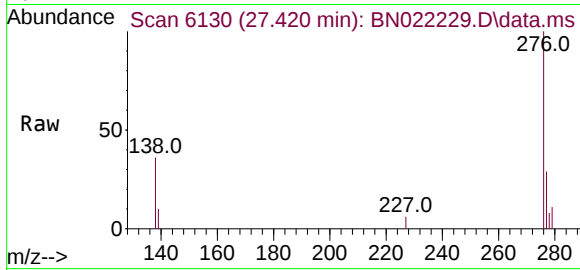
Tgt Ion: 278 Resp: 1723
Ion Ratio Lower Upper
278 100
139 49.1 19.6 29.4#
279 56.2 20.6 30.8#





#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 27.420 min Scan# 61
Delta R.T. -0.011 min
Lab File: BN022229.D
Acq: 20 Oct 2022 11:44

Instrument :
BNA_N
ClientSampleId :
C0BD1DL



Tgt Ion:	276	Resp:	528
Ion Ratio	Lower	Upper	
276	100		
138	36.0	25.2	37.8
277	29.4	19.9	29.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/21/2022

