

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
 Data File : BP015050.D
 Acq On : 10 May 2023 19:24
 Operator : CG/JU
 Sample : 02591-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREA1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

Quant Time: May 10 23:07:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 15:17:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	284452	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	1215481	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.793	164	726343	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.545	188	1382680	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	791396	20.000	ng/u1	0.00
88) Perylene-d12	24.216	264	989429	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	13663	1.786	ng/uL	0.00
4) Pyridine-d5	3.917	84	13633m	0.652	ng/u1	0.03
7) Phenol-d5	7.299	99	305564	12.390	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	177179	11.624	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	248360	13.696	ng/u1	0.00
15) 4-Methylphenol-d8	8.858	113	250342	13.173	ng/u1	0.00
21) Nitrobenzene-d5	9.328	128	118729	13.734	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	132183	14.891	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.599	165	248056	14.232	ng/u1	0.00
31) 4-Chloroaniline-d4	11.116	131	142117	5.637	ng/u1	0.00
46) Dimethylphthalate-d6	14.193	166	781049	15.194	ng/u1	0.00
49) Acenaphthylene-d8	14.487	160	874657	14.187	ng/u1	0.00
54) 4-Nitrophenol-d4	14.981	143	91315	10.211	ng/u1	0.00
60) Fluorene-d10	15.781	176	654892	14.807	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.898	200	59162	7.601	ng/u1	0.00
73) Anthracene-d10	17.645	188	905232	14.571	ng/u1	0.00
81) Pyrene-d10	19.863	212	788806	14.778	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	703923	14.601	ng/u1	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.981	105	60799	1.957	ng/u1	97
71) Pentachlorophenol	17.192	266	94973	9.603	ng/u1	97
72) Phenanthrene	17.587	178	722471	9.458	ng/u1	100
74) Anthracene	17.681	178	199493	2.623	ng/u1	99
77) Carbazole	17.939	167	66635	1.042	ng/u1	96
80) Fluoranthene	19.539	202	873617	13.338	ng/u1	97
82) Pyrene	19.892	202	806361	11.621	ng/u1	96
85) Benzo(a)anthracene	21.610	228	373041	7.062	ng/u1	96
87) Chrysene	21.663	228	476652	8.962	ng/u1	96
90) Benzo(b)fluoranthene	23.416	252	592566	9.267	ng/u1#	92
91) Benzo(k)fluoranthene	23.463	252	197949m	3.042	ng/u1	
93) Benzo(a)pyrene	24.098	252	364142	6.493	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.957	276	333333	4.873	ng/u1	98
95) Dibenzo(a,h)anthracene	26.962	278	98968	1.765	ng/u1#	72
96) Benzo(g,h,i)perylene	27.809	276	314063	5.394	ng/u1	97

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

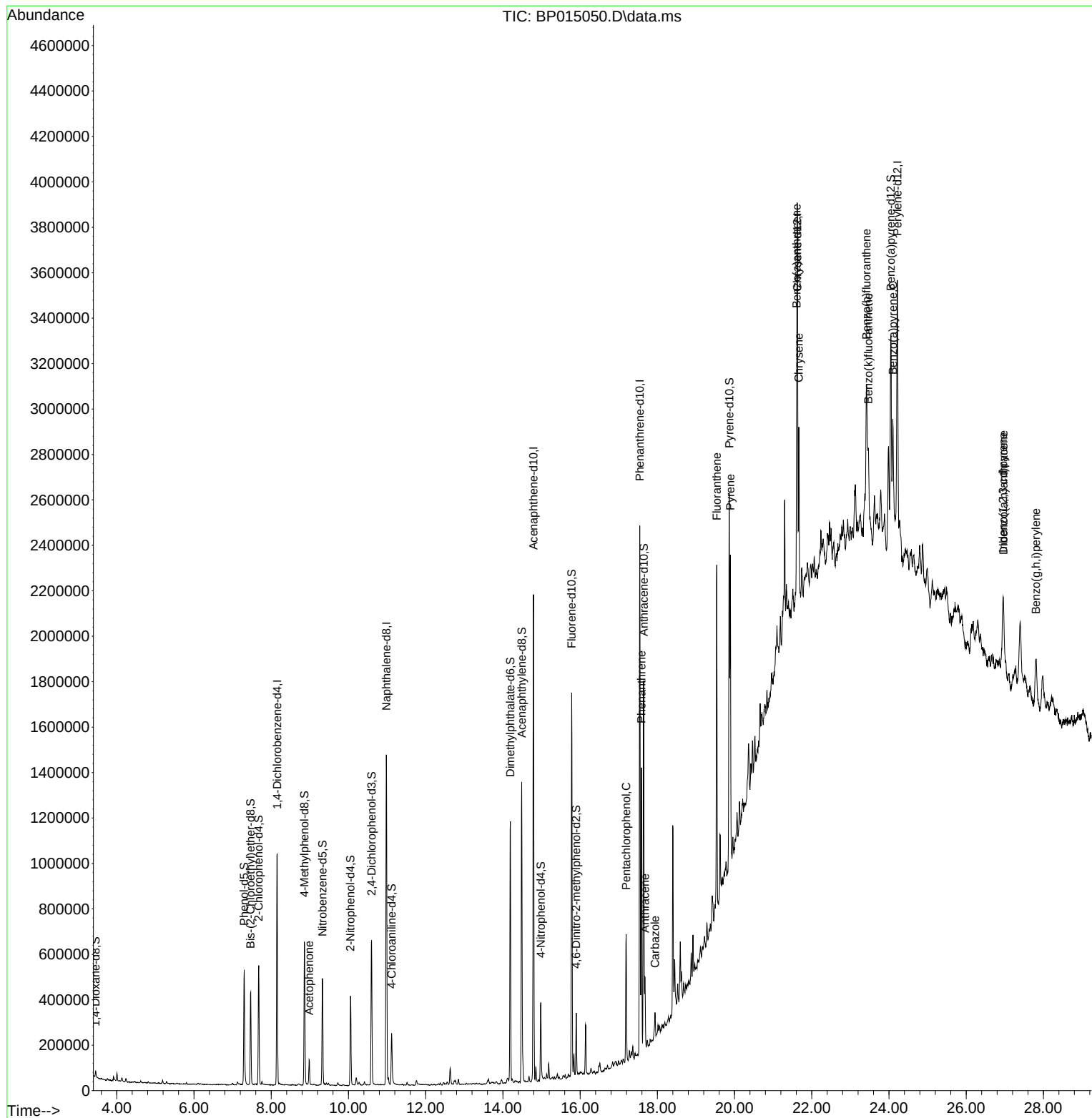
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
Data File : BP015050.D
Acq On : 10 May 2023 19:24
Operator : CG/JU
Sample : 02591-18
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ALS Vial : 11 Sample Multiplier: 1

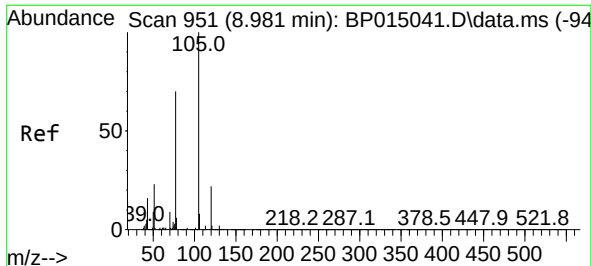
Instrument :
BNA_P
ClientSampleId :
JREA1

Quant Time: May 10 23:07:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 15:17:56 2023
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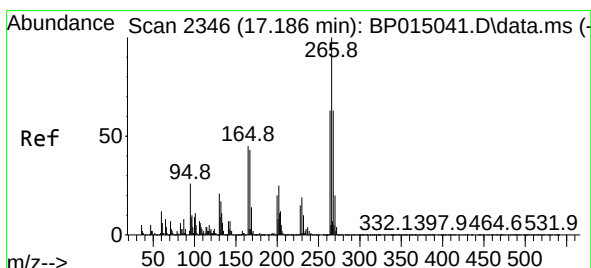
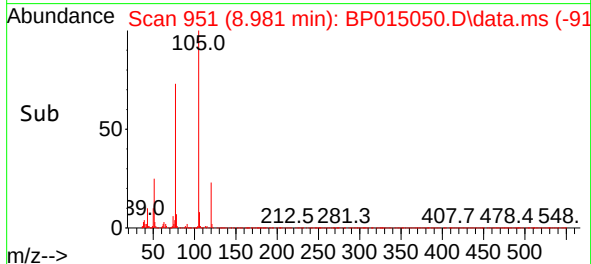
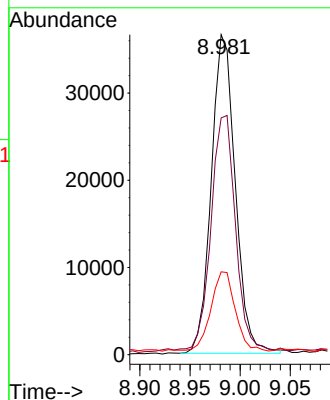
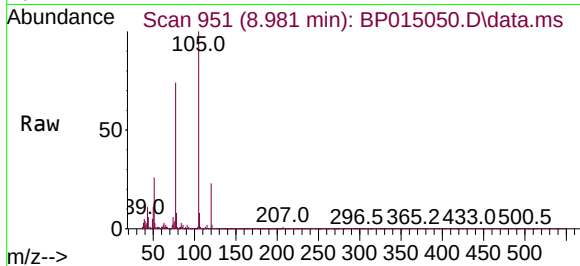
#16
Acetophenone
Concen: 1.957 ng/ul
RT: 8.981 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP015050.D
Acq: 10 May 2023 19:24

Instrument :
BNA_P
ClientSampleId :
JREA1

Tgt Ion	Ratio	Lower	Upper
105	100		
77	74.0	61.2	91.8
51	25.9	19.4	29.2

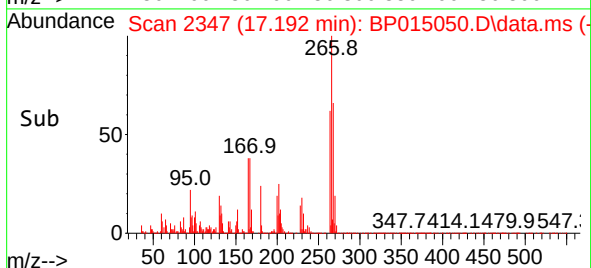
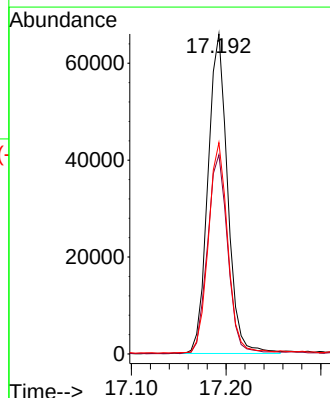
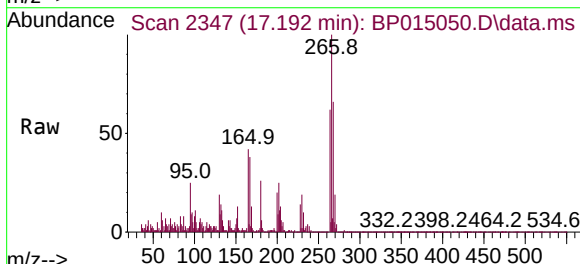
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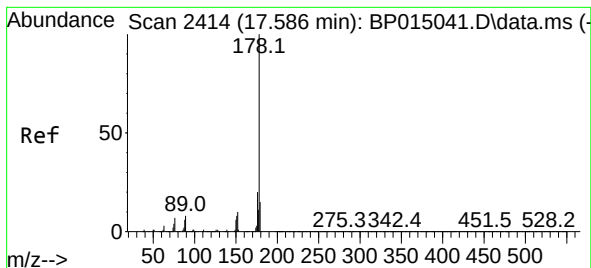
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#71
Pentachlorophenol
Concen: 9.603 ng/ul
RT: 17.192 min Scan# 2347
Delta R.T. 0.006 min
Lab File: BP015050.D
Acq: 10 May 2023 19:24

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.2	48.9	73.3
268	66.1	49.6	74.4





#72

Phenanthrene

Concen: 9.458 ng/ul

RT: 17.587 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP015050.D

Acq: 10 May 2023 19:24

Instrument :

BNP_P

ClientSampleId :

JREA1

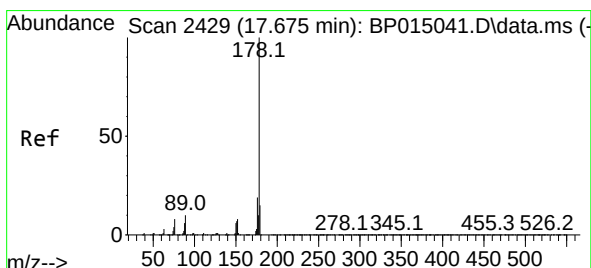
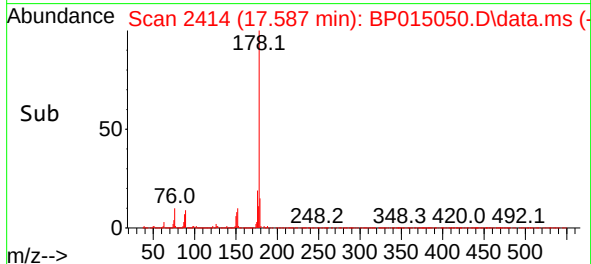
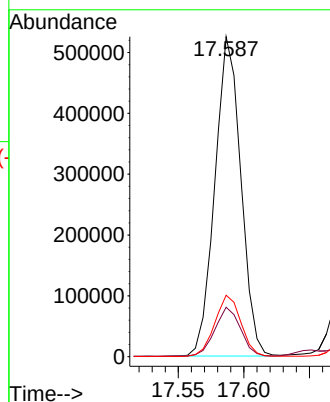
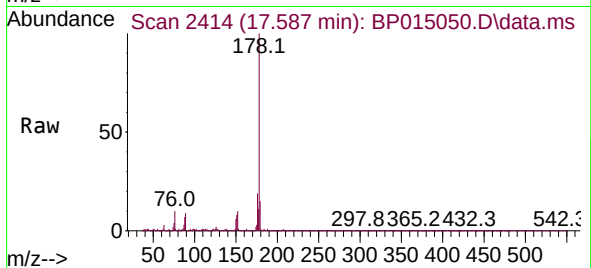
Tgt Ion:178 Resp: 72247
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.2 18.4
 176 19.2 15.4 23.0

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#74

Anthracene

Concen: 2.623 ng/ul

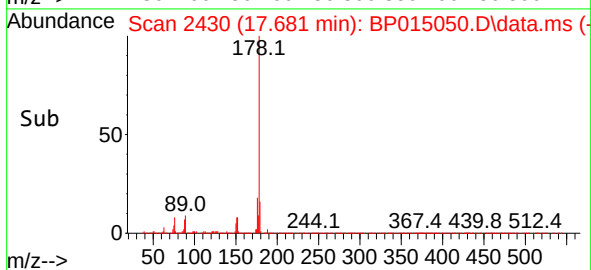
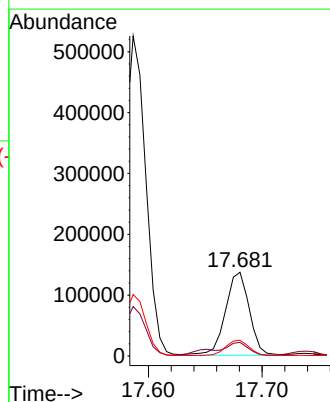
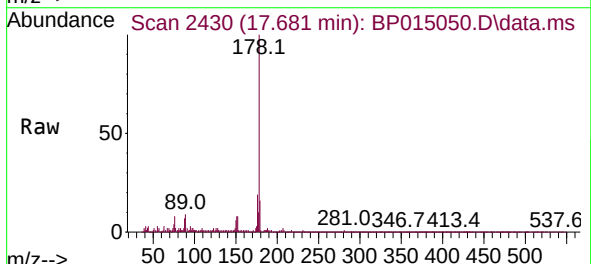
RT: 17.681 min Scan# 2430

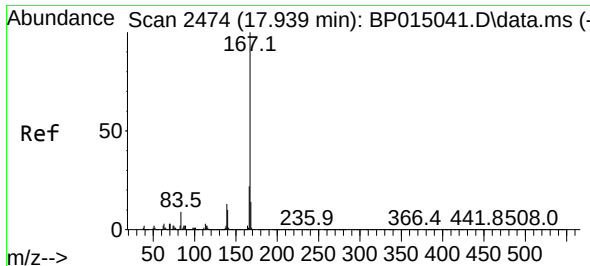
Delta R.T. 0.006 min

Lab File: BP015050.D

Acq: 10 May 2023 19:24

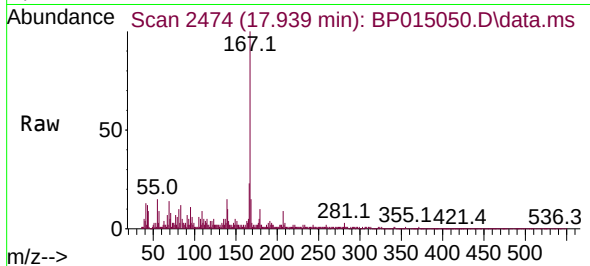
Tgt Ion:178 Resp: 199493
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.6 18.8
 176 18.6 15.0 22.4





#77
 Carbazole
 Concen: 1.042 ng/ul
 RT: 17.939 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BP015050.D
 Acq: 10 May 2023 19:24

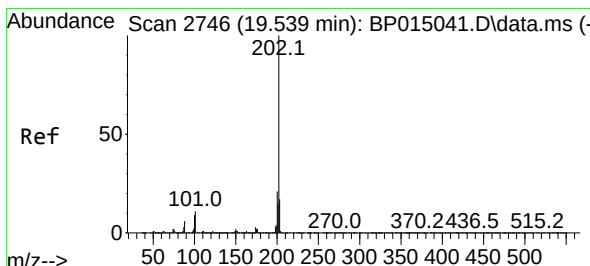
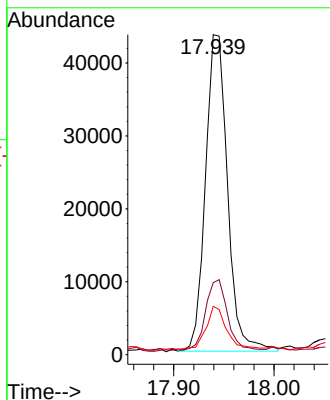
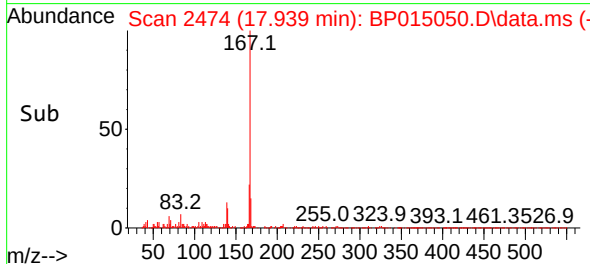
Instrument :
 BNA_P
 ClientSampleId :
 JREA1



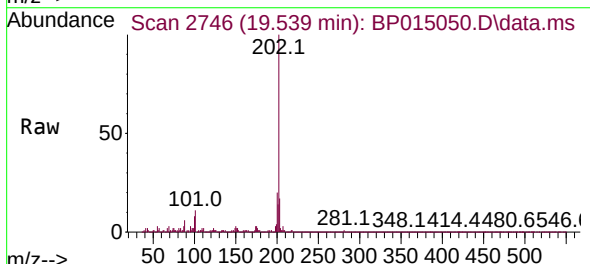
Tgt Ion:167 Resp: 66639
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.1 25.7
 139 15.1 10.1 15.1

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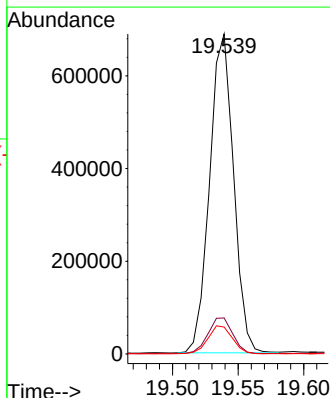
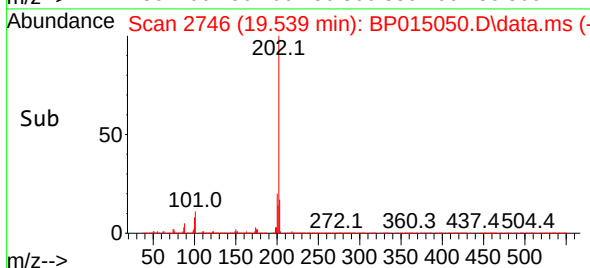
Reviewed By :Christian Giraldo 05/11/2023
 Supervised By :Jagrut Upadhyay 05/11/2023

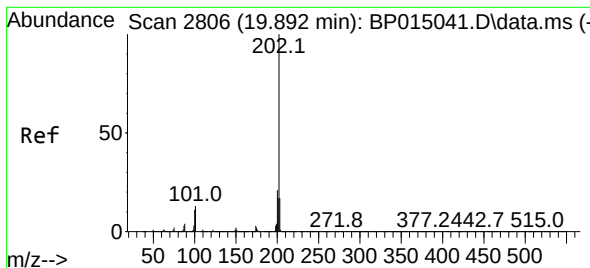


#80
 Fluoranthene
 Concen: 13.338 ng/ul
 RT: 19.539 min Scan# 2746
 Delta R.T. 0.000 min
 Lab File: BP015050.D
 Acq: 10 May 2023 19:24



Tgt Ion:202 Resp: 873617
 Ion Ratio Lower Upper
 202 100
 101 11.3 10.1 15.1
 100 8.4 7.7 11.5





#82

Pyrene

Concen: 11.621 ng/ul

RT: 19.892 min Scan# 2806

Delta R.T. 0.000 min

Lab File: BP015050.D

Acq: 10 May 2023 19:24

Instrument :

BNA_P

ClientSampleId :

JREA1

Tgt Ion:202 Resp: 80636

Ion Ratio Lower Upper

202 100

101 13.2 11.9 17.9

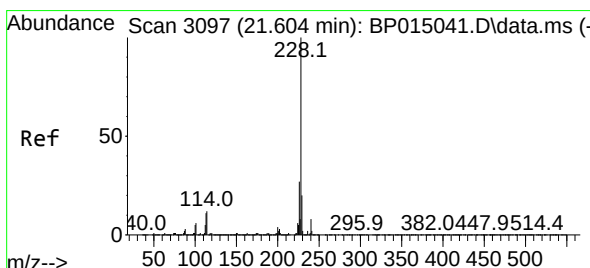
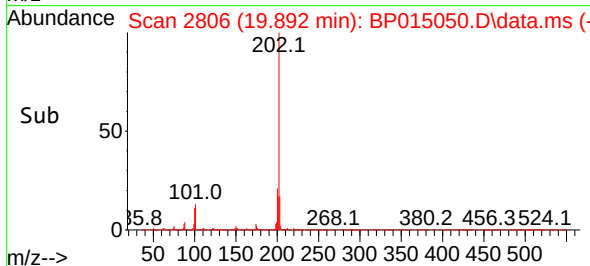
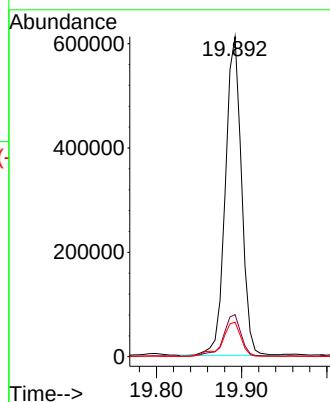
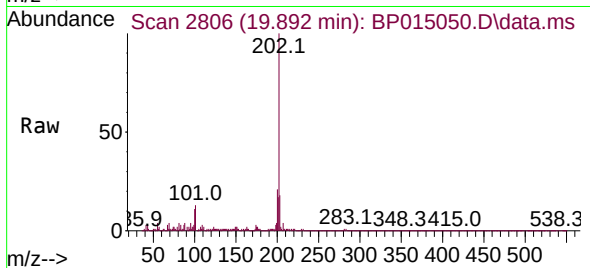
100 10.8 9.7 14.5

Manual Integrations

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Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#85

Benzo(a)anthracene

Concen: 7.062 ng/ul

RT: 21.610 min Scan# 3098

Delta R.T. 0.006 min

Lab File: BP015050.D

Acq: 10 May 2023 19:24

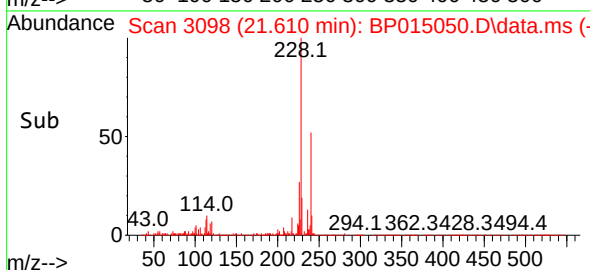
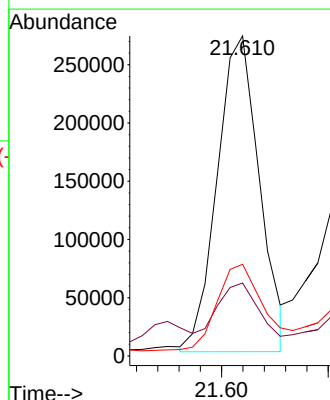
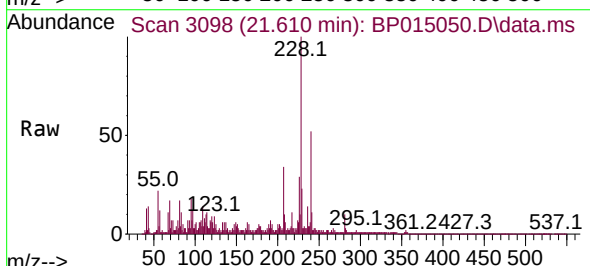
Tgt Ion:228 Resp: 373041

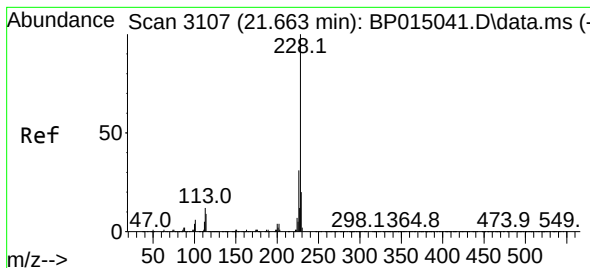
Ion Ratio Lower Upper

228 100

229 22.8 15.9 23.9

226 28.7 22.1 33.1





#87

Chrysene

Concen: 8.962 ng/ul

RT: 21.663 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BP015050.D

Acq: 10 May 2023 19:24

Instrument :

BNA_P

ClientSampleId :

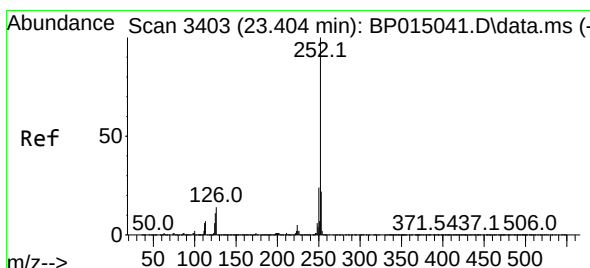
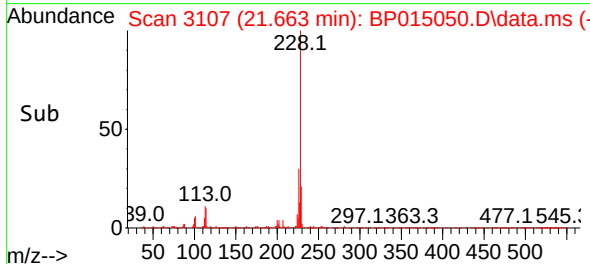
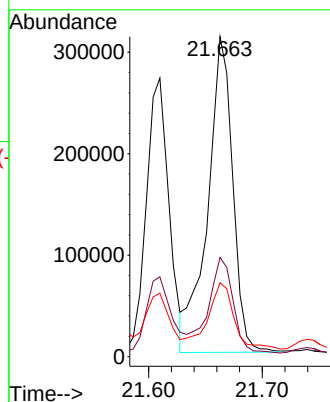
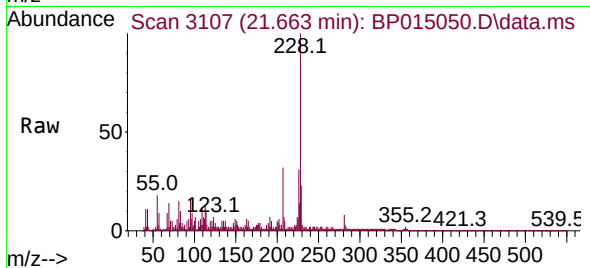
JREA1

Tgt Ion:228	Resp: 476652
Ion Ratio	Lower Upper
228 100	
226 31.0	24.3 36.5
229 23.1	15.8 23.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/11/2023



#90

Benzo(b)fluoranthene

Concen: 9.267 ng/ul

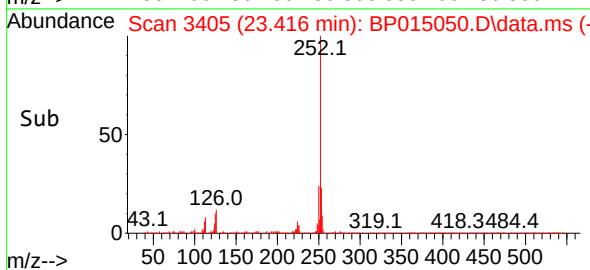
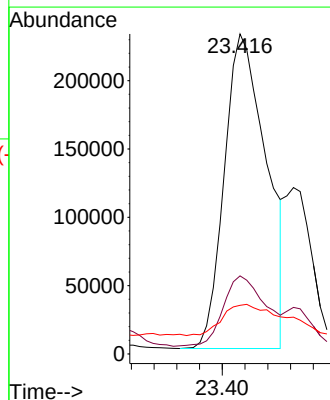
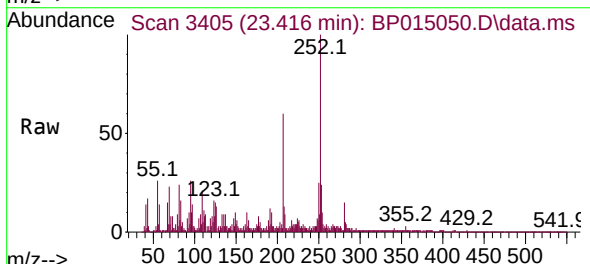
RT: 23.416 min Scan# 3405

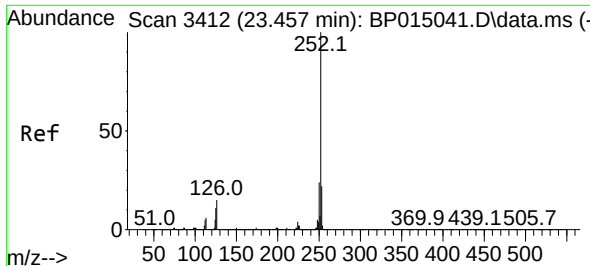
Delta R.T. 0.012 min

Lab File: BP015050.D

Acq: 10 May 2023 19:24

Tgt Ion:252	Resp: 592566
Ion Ratio	Lower Upper
252 100	
253 24.4	17.4 26.2
125 15.2	8.4 12.6





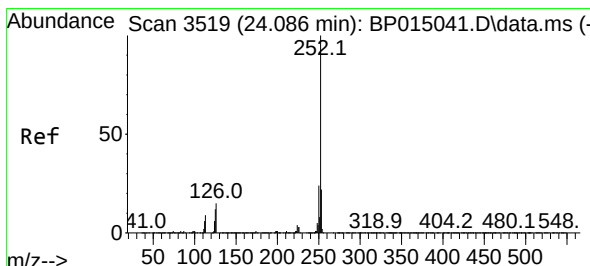
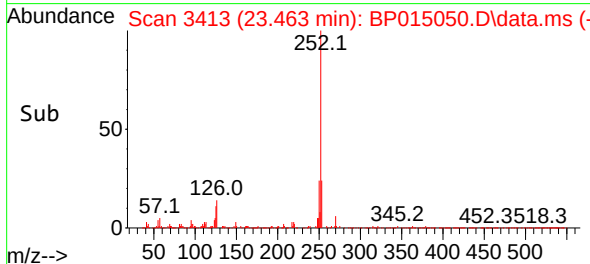
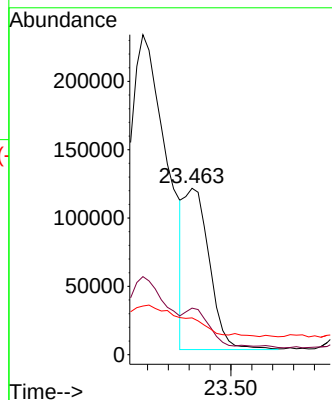
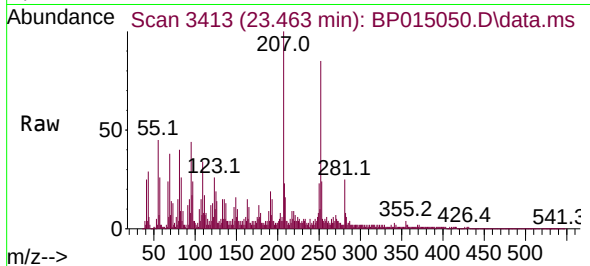
#91
Benzo(k)fluoranthene
Concen: 3.042 ng/ul m
RT: 23.463 min Scan# 3412
Delta R.T. 0.006 min
Lab File: BP015050.D
Acq: 10 May 2023 19:24

Instrument :
BNA_P
ClientSampleId :
JREA1

Tgt Ion:252 Resp: 197949
Ion Ratio Lower Upper
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253 28.0 17.8 26.6
125 22.1 8.9 13.3

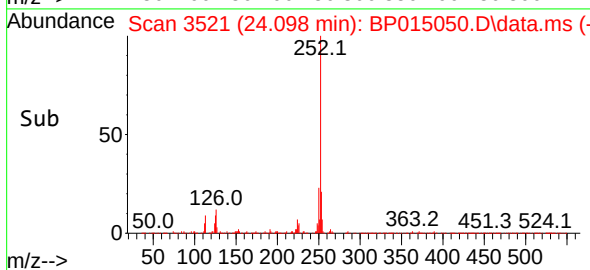
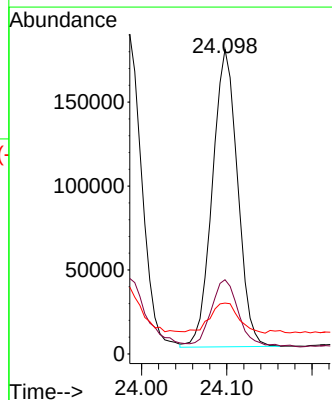
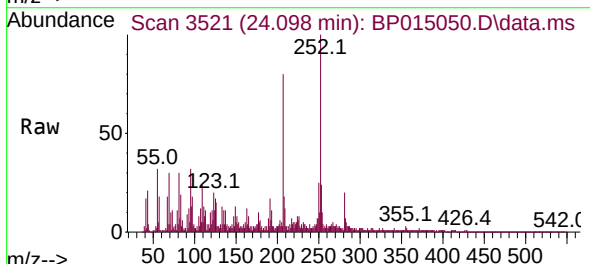
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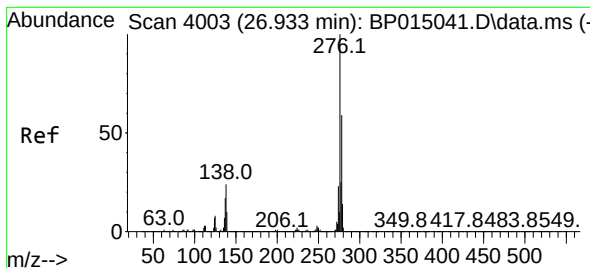
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#93
Benzo(a)pyrene
Concen: 6.493 ng/ul
RT: 24.098 min Scan# 3521
Delta R.T. 0.012 min
Lab File: BP015050.D
Acq: 10 May 2023 19:24

Tgt Ion:252 Resp: 364142
Ion Ratio Lower Upper
252 100
253 24.4 17.5 26.3
125 16.7 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.873 ng/ul

RT: 26.957 min Scan# 4007

Delta R.T. 0.024 min

Lab File: BP015050.D

Acq: 10 May 2023 19:24

Instrument :

BNA_P

ClientSampleId :

JREA1

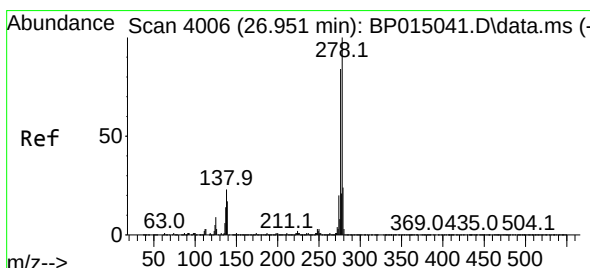
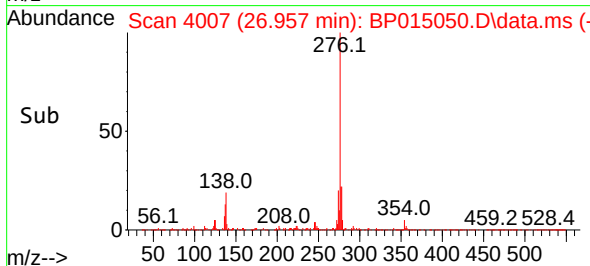
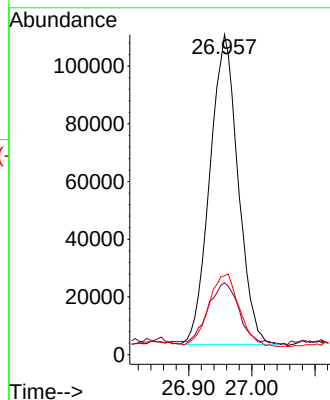
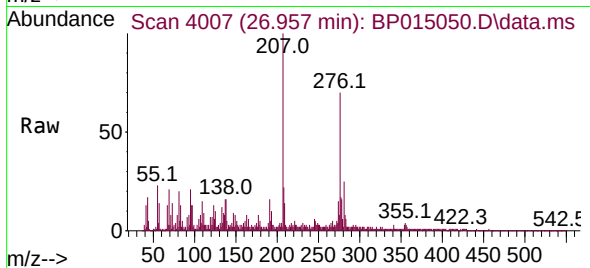
Tgt Ion:	276	Resp:	33333
Ion Ratio	Lower	Upper	
276	100		
138	22.4	19.4	29.0
277	24.6	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.765 ng/ul

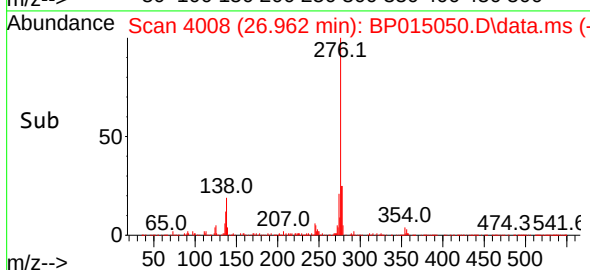
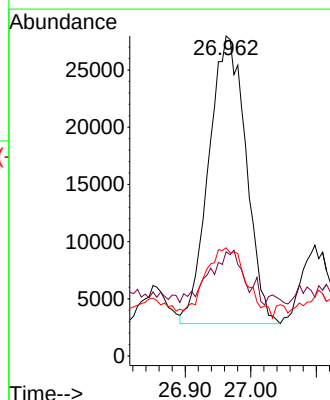
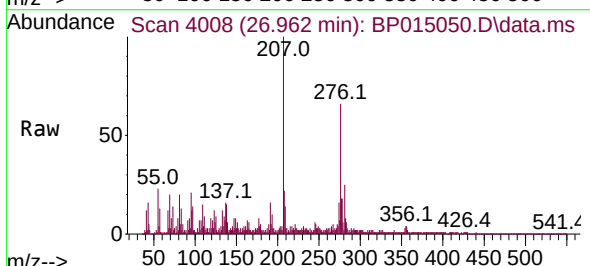
RT: 26.962 min Scan# 4008

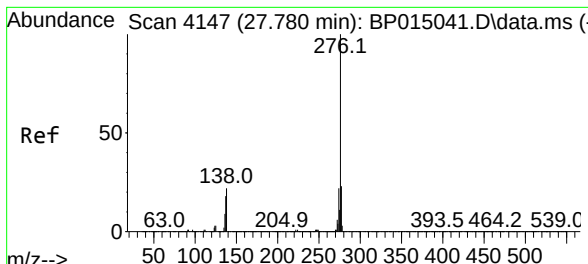
Delta R.T. 0.012 min

Lab File: BP015050.D

Acq: 10 May 2023 19:24

Tgt Ion:	278	Resp:	98968
Ion Ratio	Lower	Upper	
278	100		
139	32.5	12.9	19.3#
279	33.8	19.0	28.6#





#96
 Benzo(g,h,i)perylene
 Concen: 5.394 ng/ul
 RT: 27.809 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: BP015050.D
 Acq: 10 May 2023 19:24

Instrument :
 BNA_P
 ClientSampleId :
 JREA1

Tgt Ion:	276	Resp:	31406
Ion Ratio	Lower	Upper	
276	100		
138	23.3	18.0	27.0
277	26.8	19.8	29.8

Manual Integrations
APPROVED
 Reviewed By :Christian Giraldo 05/11/2023
 Supervised By :Jagrut Upadhyay 05/11/2023

