

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059168.D
 Acq On : 22 Sep 2023 18:00
 Operator : MA/JU
 Sample : 04429-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBKJ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2023
 Supervised By :mohammad ahmed 09/23/2023

Quant Time: Sep 23 00:51:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 04:25:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	30509	20.000	ng/u1	0.01
20) Naphthalene-d8	11.156	136	152985	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.940	164	92431	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.689	188	179132	20.000	ng/u1	0.01
79) Chrysene-d12	22.014	240	147715	20.000	ng/u1	0.02
88) Perylene-d12	25.580	264	173009	20.000	ng/u1	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.624	96	4763	6.111	ng/uL	0.01
4) Pyridine-d5	4.058	84	37422	16.365	ng/u1	0.01
7) Phenol-d5	7.437	99	37927	12.643	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.631	67	90720	49.279	ng/u1	0.01
11) 2-Chlorophenol-d4	7.830	132	91804	41.469	ng/u1	0.02
15) 4-Methylphenol-d8	9.011	113	65823	27.550	ng/u1	0.03
21) Nitrobenzene-d5	9.511	128	61136	51.788	ng/u1	0.02
24) 2-Nitrophenol-d4	10.233	143	63903	53.585	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.774	165	116353	51.392	ng/u1	0.04
31) 4-Chloroaniline-d4	11.303	131	77111	21.822	ng/u1	0.02
46) Dimethylphthalate-d6	14.335	166	373772	52.580	ng/u1	0.01
49) Acenaphthylene-d8	14.646	160	454125	52.466	ng/u1	0.02
54) 4-Nitrophenol-d4	15.163	143	11104m	8.562	ng/u1	0.07
60) Fluorene-d10	15.927	176	330565	50.802	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	16.033	200	48333	47.459	ng/u1	0.01
73) Anthracene-d10	17.789	188	441161	54.126	ng/u1	0.01
81) Pyrene-d10	20.063	212	498898	57.784	ng/u1	0.02
92) Benzo(a)pyrene-d12	25.328	264	442993	52.438	ng/u1	0.04
Target Compounds						
2) 1,4-Dioxane	3.659	88	9637	10.934	ng/uL#	75
10) Bis(2-Chloroethyl)ether	7.725	93	29168	11.782	ng/u1	98
42) 2,4,5-Trichlorophenol	13.447	196	2575	1.345	ng/u1#	85
43) 1,1'-Biphenyl	13.776	154	7621	1.033	ng/u1#	82
47) Dimethylphthalate	14.382	163	21961	3.025	ng/u1#	92
59) Diethylphthalate	15.727	149	61725	8.627	ng/u1	99

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

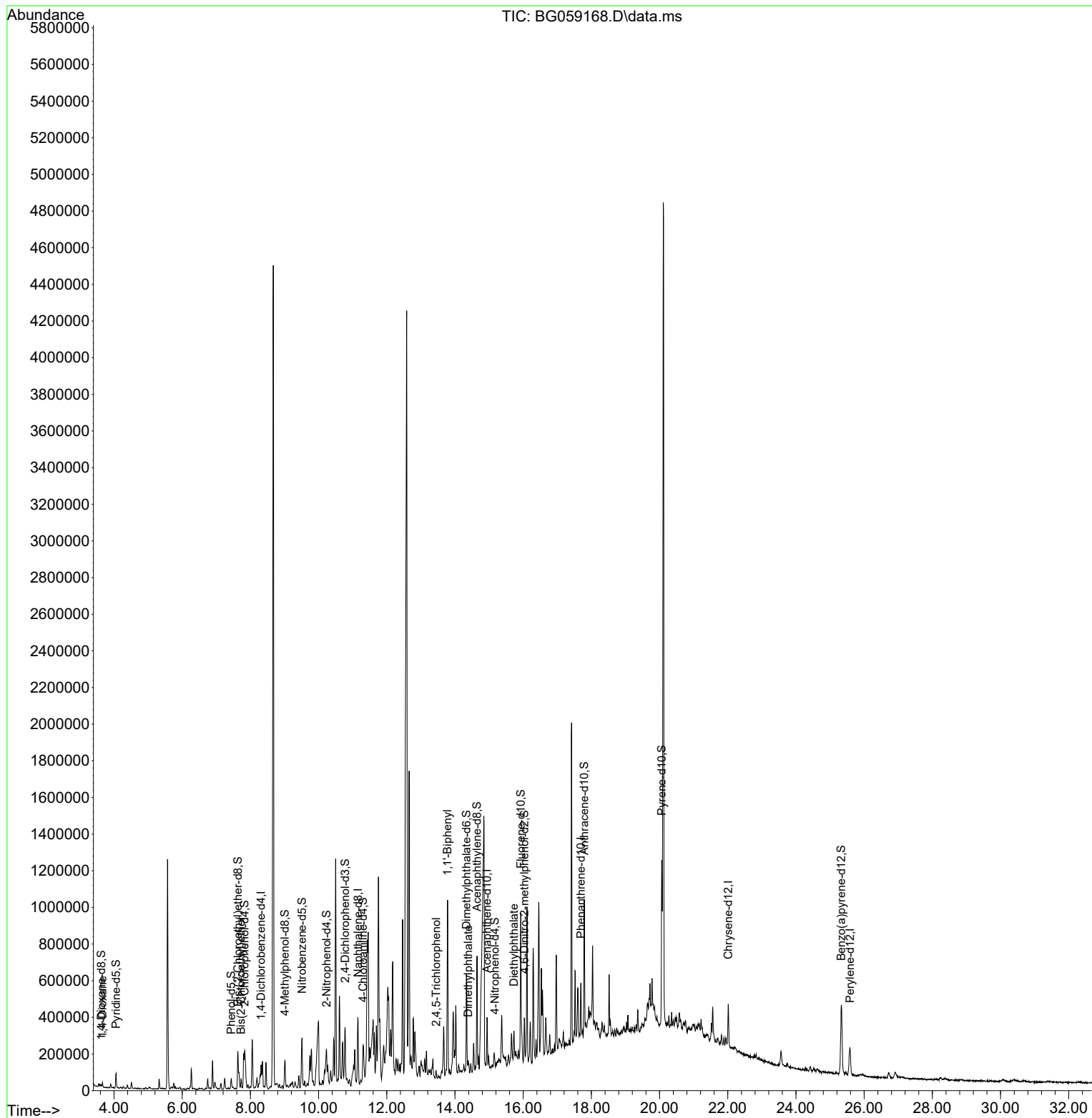
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
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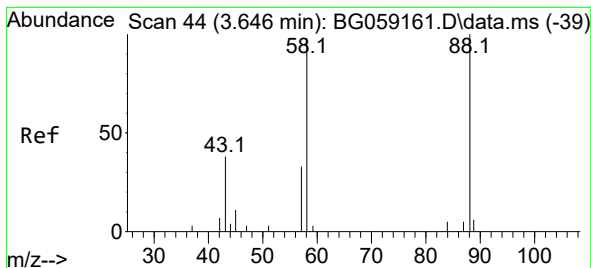
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
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#2

1,4-Dioxane

Concen: 10.934 ng/uL

RT: 3.659 min Scan# 4

Delta R.T. 0.007 min

Lab File: BG059168.D

Acq: 22 Sep 2023 18:00

Instrument :

BNA_G

ClientSampleId :

BBKJ2

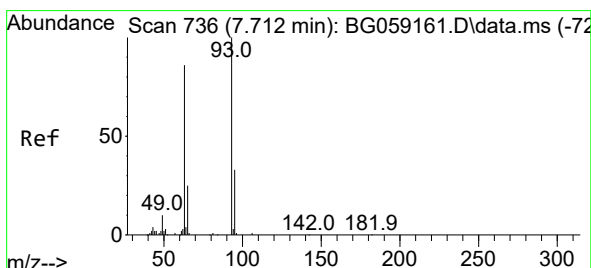
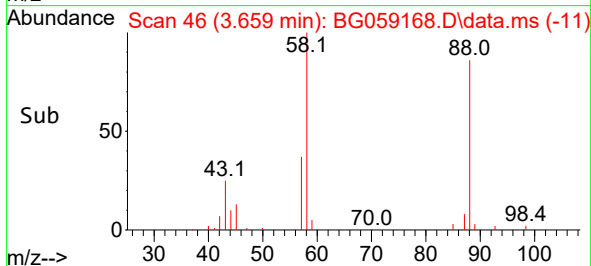
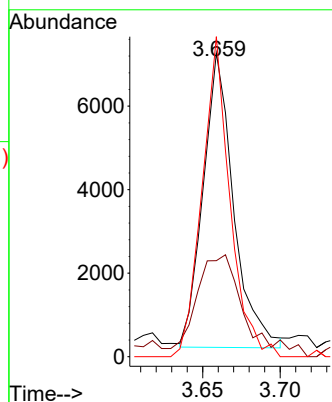
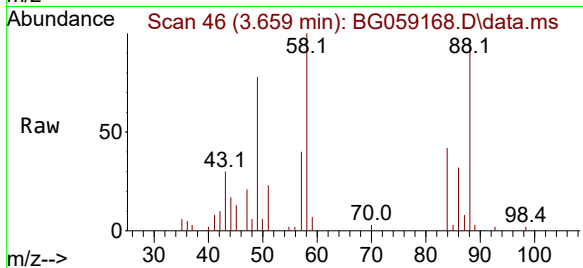
Tgt Ion:	88	Resp:	963
Ion Ratio	Lower	Upper	
88	100		
43	31.6	24.5	36.7
58	105.3	60.6	91.0

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#10

Bis(2-Chloroethyl)ether

Concen: 11.782 ng/uL

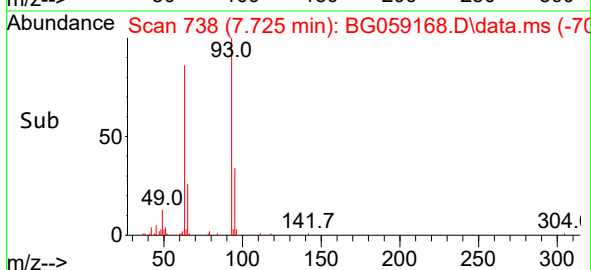
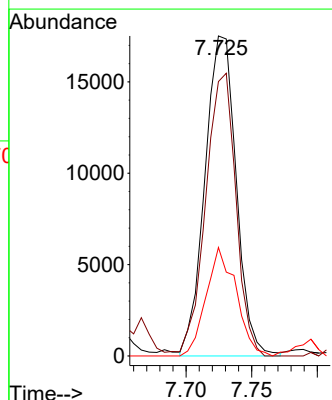
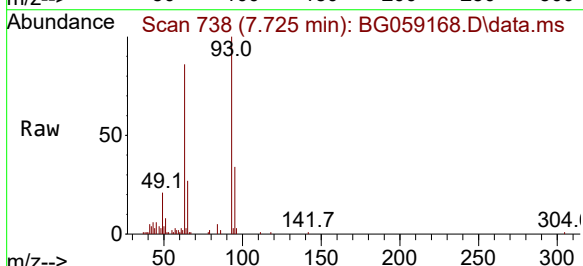
RT: 7.725 min Scan# 738

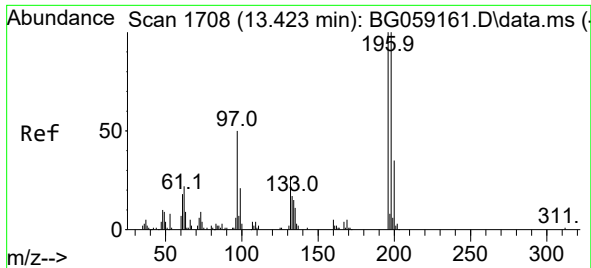
Delta R.T. 0.012 min

Lab File: BG059168.D

Acq: 22 Sep 2023 18:00

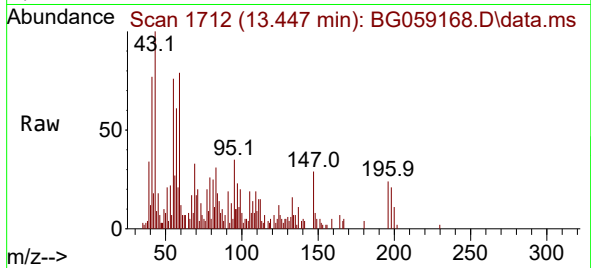
Tgt Ion:	93	Resp:	29168
Ion Ratio	Lower	Upper	
93	100		
63	85.8	68.3	102.5
95	33.9	23.8	35.8





#42
2,4,5-Trichlorophenol
Concen: 1.345 ng/ul
RT: 13.447 min Scan# 1712
Delta R.T. 0.024 min
Lab File: BG059168.D
Acq: 22 Sep 2023 18:00

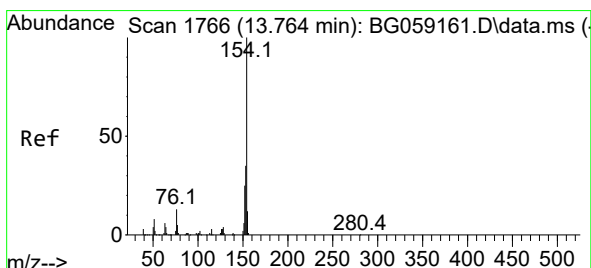
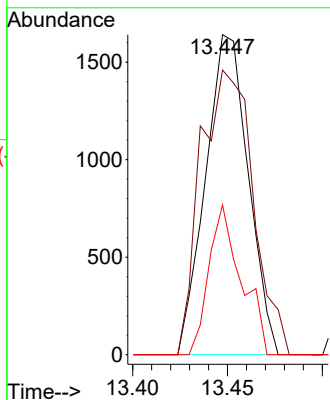
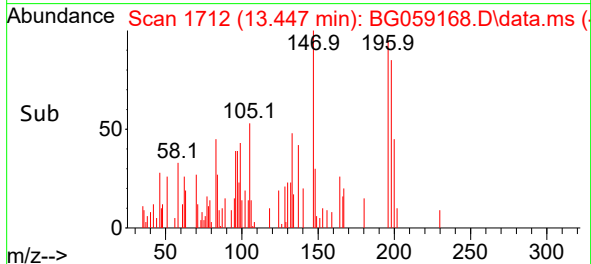
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Tgt Ion:196 Resp: 257
Ion Ratio Lower Upper
196 100
198 89.0 81.0 121.6
200 46.8 27.1 40.7

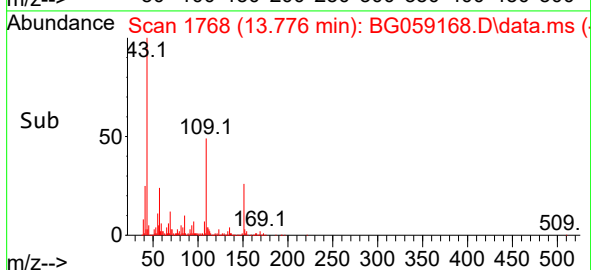
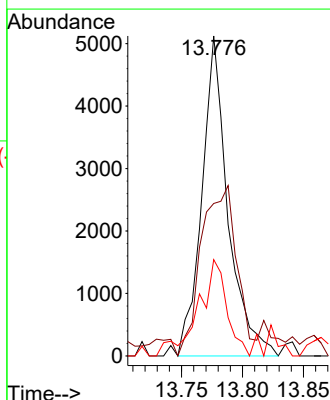
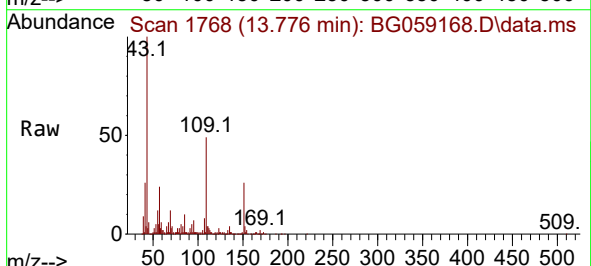
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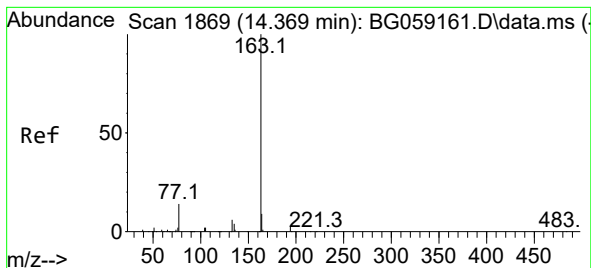
Reviewed By :Yogesh Patel 09/23/2023
Supervised By :mohammad ahmed 09/23/2023



#43
1,1'-Biphenyl
Concen: 1.033 ng/ul
RT: 13.776 min Scan# 1768
Delta R.T. 0.012 min
Lab File: BG059168.D
Acq: 22 Sep 2023 18:00

Tgt Ion:154 Resp: 7621
Ion Ratio Lower Upper
154 100
153 47.6 33.2 49.8
76 30.1 9.8 14.8





#47

Dimethylphthalate

Concen: 3.025 ng/ul

RT: 14.382 min Scan# 11

Delta R.T. 0.012 min

Lab File: BG059168.D

Acq: 22 Sep 2023 18:00

Instrument :

BNA_G

ClientSampleId :

BBKJ2

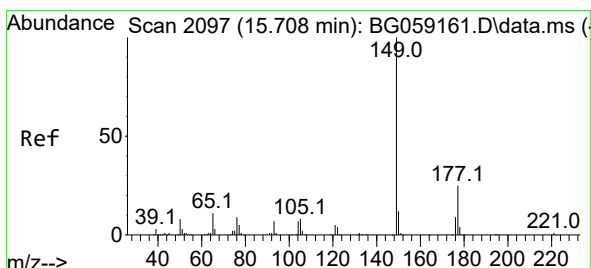
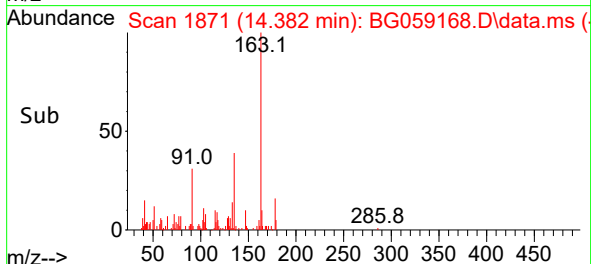
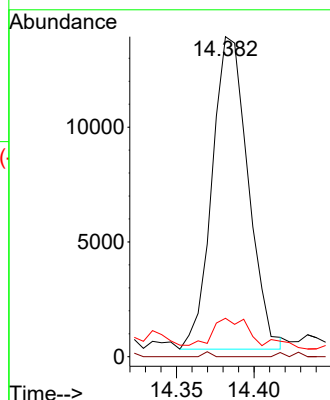
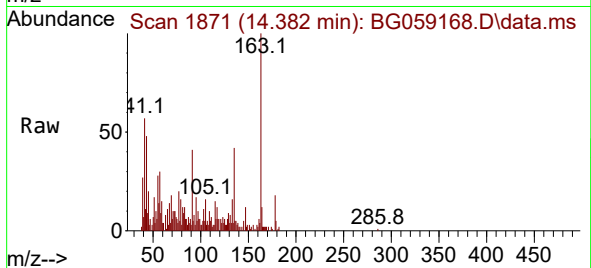
Tgt Ion:163	Resp:	2196
Ion Ratio	Lower	Upper
163	100	
194	0.0	2.8
164	12.0	7.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/23/2023

Supervised By :mohammad ahmed 09/23/2023



#59

Diethylphthalate

Concen: 8.627 ng/ul

RT: 15.727 min Scan# 2100

Delta R.T. 0.012 min

Lab File: BG059168.D

Acq: 22 Sep 2023 18:00

Tgt Ion:149	Resp:	61725
Ion Ratio	Lower	Upper
149	100	
177	24.2	19.4
150	13.5	9.8

