

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
 Data File : BG059228.D
 Acq On : 28 Sep 2023 10:52
 Operator : MA/JU
 Sample : 04450-05DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBK98DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 29 01:03:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	43083	20.000	ng/u1	0.00
20) Naphthalene-d8	11.070	136	214900	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.866	164	142575	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.615	188	318592	20.000	ng/u1	0.00
79) Chrysene-d12	21.916	240	293301	20.000	ng/u1	0.00
88) Perylene-d12	25.400	264	344965	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.526	96	817	0.716	ng/uL	0.00
4) Pyridine-d5	3.973	84	3891	1.168	ng/u1	0.00
7) Phenol-d5	7.363	99	2750m	0.638	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.557	67	10797	3.919	ng/u1	0.00
11) 2-Chlorophenol-d4	7.750	132	8661	2.988	ng/u1	0.00
15) 4-Methylphenol-d8	8.926	113	6090	1.827	ng/u1	0.00
21) Nitrobenzene-d5	9.425	128	7275	4.797	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.148	143	4927	3.310	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.676	165	9239	3.021	ng/u1	0.00
31) 4-Chloroaniline-d4	11.223	131	6699	1.354	ng/u1	0.00
46) Dimethylphthalate-d6	14.260	166	41626	4.038	ng/u1	0.00
49) Acenaphthylene-d8	14.566	160	47556	3.676	ng/u1	0.00
54) 4-Nitrophenol-d4	15.065	143	1474	0.819	ng/u1	0.00
60) Fluorene-d10	15.853	176	38086	3.882	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.964	200	3863	2.359	ng/u1	0.00
73) Anthracene-d10	17.715	188	57783	3.980	ng/u1	0.00
81) Pyrene-d10	19.989	212	69871	4.254	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.148	264	67372	4.064	ng/u1	-0.02
Target Compounds						
13) 2-Methylphenol	8.661	108	12823	3.956	ng/u1	Qvalue 91
18) 4-Methylphenol	8.984	108	12089	3.520	ng/u1	90
26) 2,4-Dimethylphenol	10.242	107	15735m	4.486	ng/u1	
30) Naphthalene	11.123	128	641500	55.675	ng/u1	96
36) 2-Methylnaphthalene	12.709	142	149831	19.850	ng/u1	99
37) 1-Methylnaphthalene	12.927	142	82093	10.716	ng/u1#	91

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

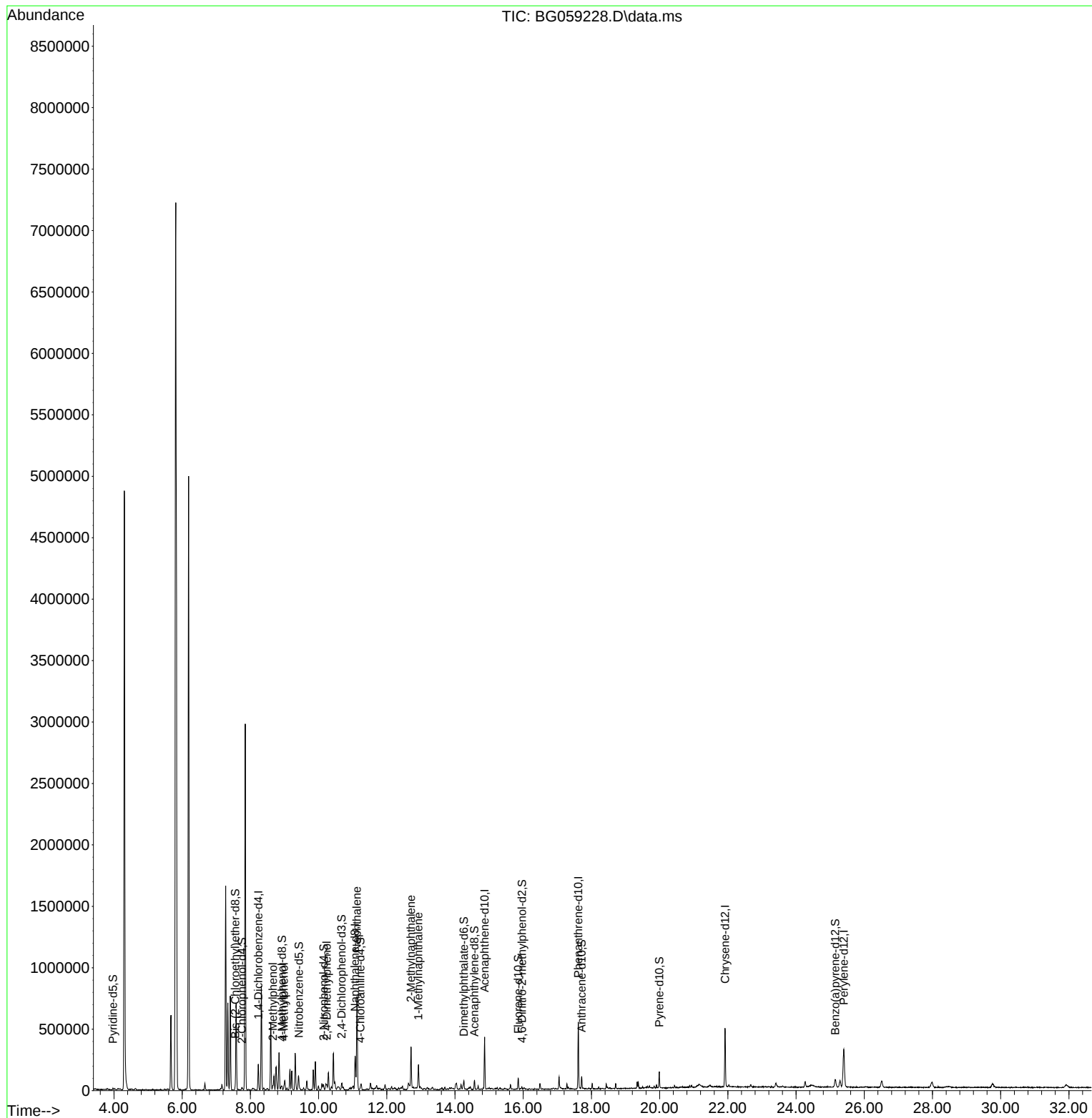
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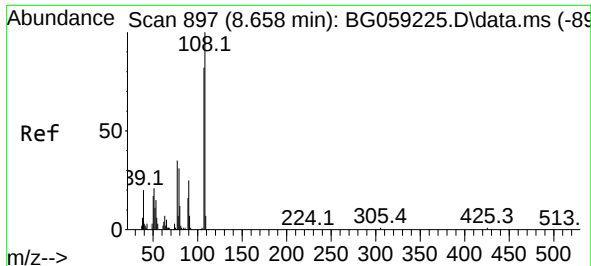
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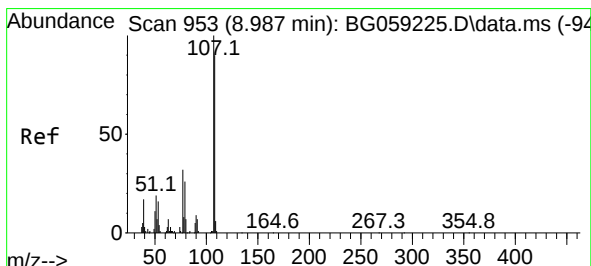
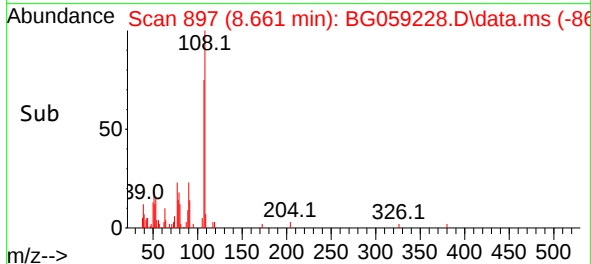
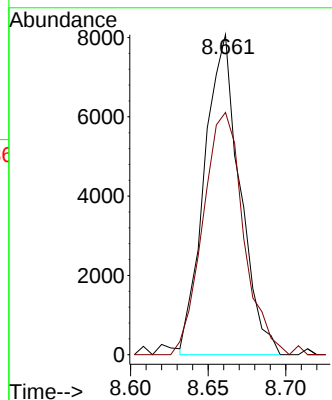
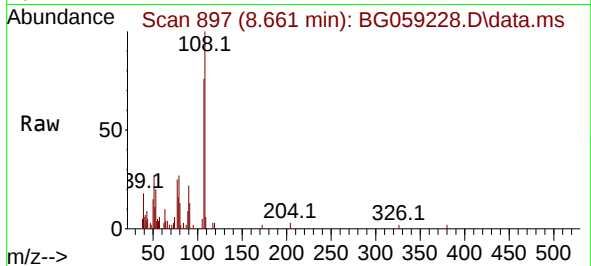
#13
2-Methylphenol
Concen: 3.956 ng/ul
RT: 8.661 min Scan# 897
Delta R.T. 0.001 min
Lab File: BG059228.D
Acq: 28 Sep 2023 10:52

Instrument :
BNA_G
ClientSampleId :
BBK98DL

Tgt Ion:108 Resp: 1282
Ion Ratio Lower Upper
108 100
107 75.7 67.3 100.9

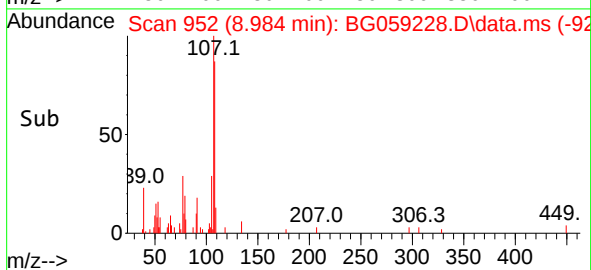
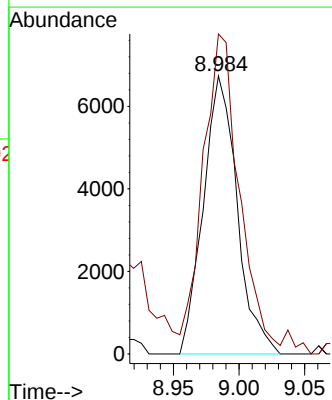
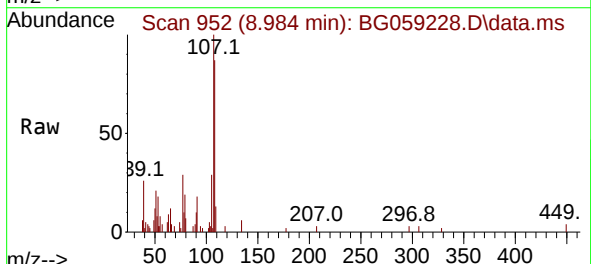
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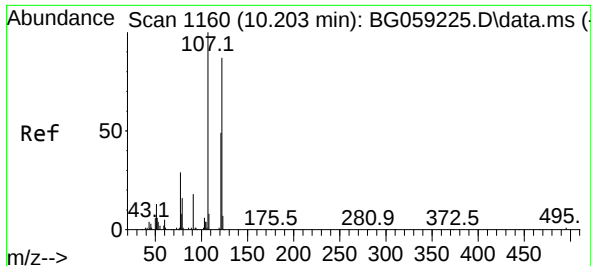
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#18
4-Methylphenol
Concen: 3.520 ng/ul
RT: 8.984 min Scan# 952
Delta R.T. -0.011 min
Lab File: BG059228.D
Acq: 28 Sep 2023 10:52

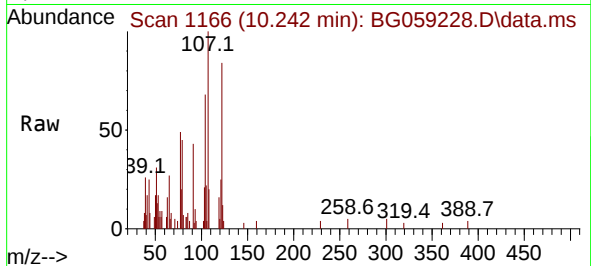
Tgt Ion:108 Resp: 12089
Ion Ratio Lower Upper
108 100
107 115.1 83.8 125.8





#26
2,4-Dimethylphenol
Concen: 4.486 ng/ul m
RT: 10.242 min Scan# 1166
Delta R.T. 0.030 min
Lab File: BG059228.D
Acq: 28 Sep 2023 10:52

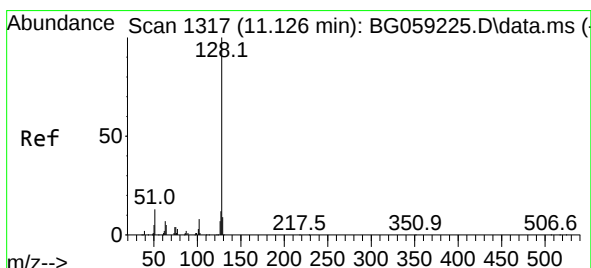
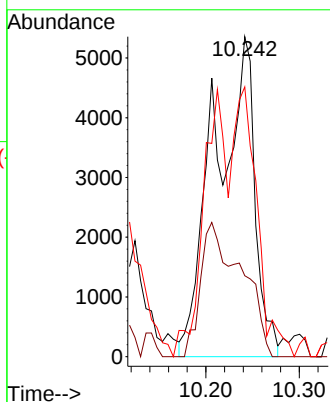
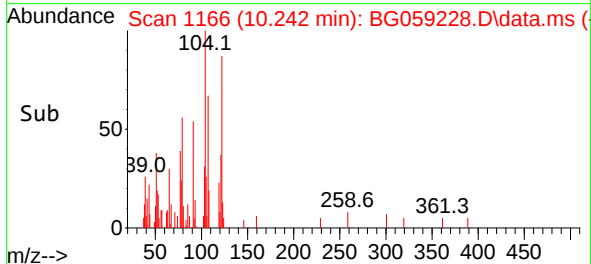
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Tgt Ion:107 Resp: 1573
Ion Ratio Lower Upper
107 100
121 25.3 42.3 63.5
122 84.3 75.2 112.8

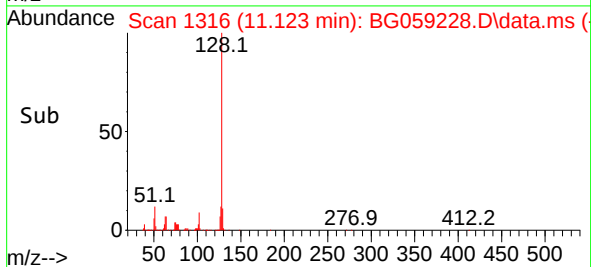
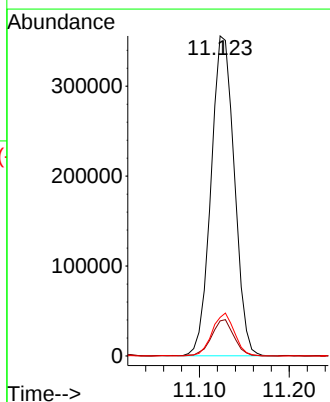
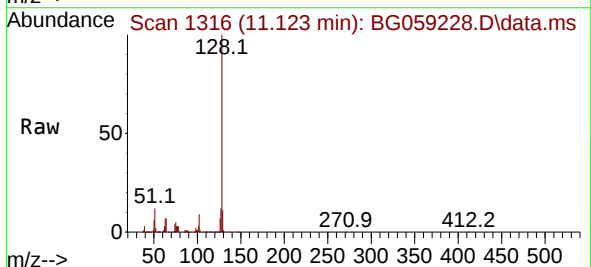
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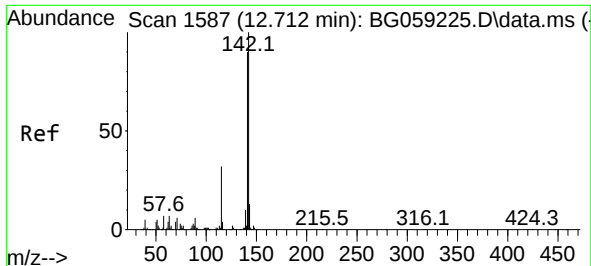
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#30
Naphthalene
Concen: 55.675 ng/ul
RT: 11.123 min Scan# 1316
Delta R.T. -0.005 min
Lab File: BG059228.D
Acq: 28 Sep 2023 10:52

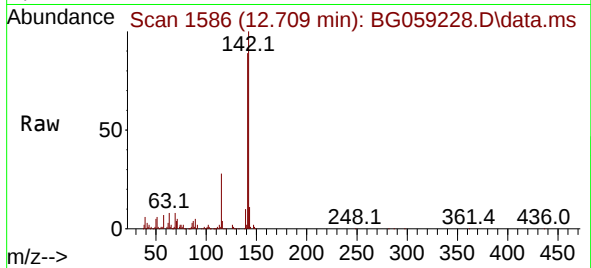
Tgt Ion:128 Resp: 641500
Ion Ratio Lower Upper
128 100
129 10.9 8.0 12.0
127 12.1 11.1 16.7





#36
2-Methylnaphthalene
Concen: 19.850 ng/ul
RT: 12.709 min Scan# 1586
Delta R.T. -0.005 min
Lab File: BG059228.D
Acq: 28 Sep 2023 10:52

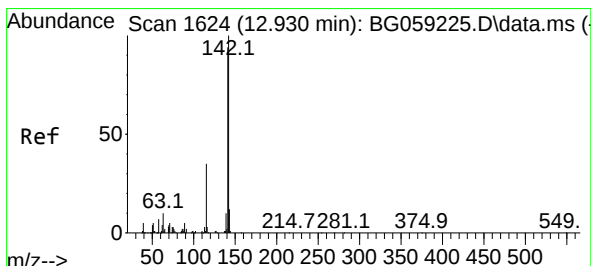
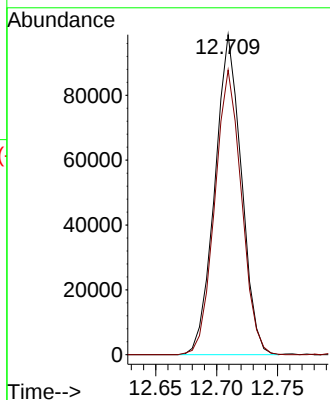
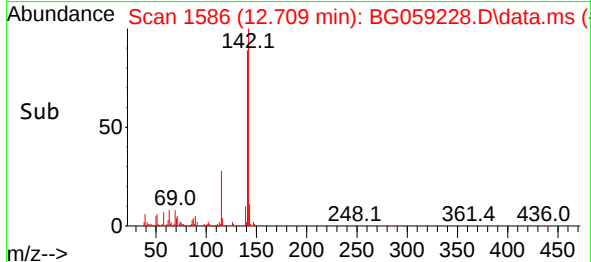
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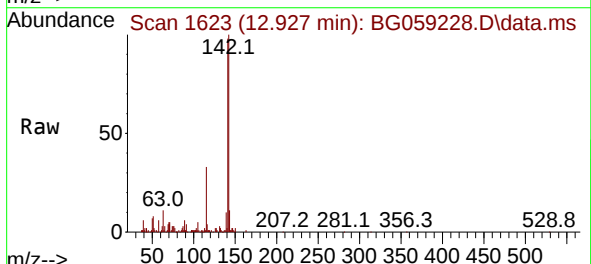
Tgt Ion:142 Resp: 14983
Ion Ratio Lower Upper
142 100
141 88.9 70.2 105.2

Manual Integrations
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Supervised By :mohammad ahmed 09/30/2023



#37
1-Methylnaphthalene
Concen: 10.716 ng/ul
RT: 12.927 min Scan# 1623
Delta R.T. -0.005 min
Lab File: BG059228.D
Acq: 28 Sep 2023 10:52



Tgt Ion:142 Resp: 82093
Ion Ratio Lower Upper
142 100
141 97.8 71.6 107.4
116 4.1 2.3 3.5

