

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051544.D
 Acq On : 15 Dec 2021 19:43
 Operator : CG/JU
 Sample : M4995-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW5R1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
 Supervised By :Yogesh Patel 12/23/2021

Quant Time: Dec 15 23:26:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	25943	20.000	ng/u1	0.00
20) Naphthalene-d8	11.118	136	108446	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.913	164	82843	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.656	188	207952	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.974	240	219238	20.000	ng/u1	#-0.01
88) Perylene-d12	25.475	264	224284	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	3247	5.198	ng/uL	0.00
4) Pyridine-d5	4.040	84	12439	6.590	ng/u1	0.00
7) Phenol-d5	7.406	99	17995	7.769	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.588	67	49547	35.981	ng/u1	0.00
11) 2-Chlorophenol-d4	7.805	132	46372	28.784	ng/u1	0.00
15) 4-Methylphenol-d8	8.968	113	34345	19.182	ng/u1	-0.01
21) Nitrobenzene-d5	9.450	128	31183	39.220	ng/u1	0.00
24) 2-Nitrophenol-d4	10.178	143	33586	38.642	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.725	165	65410	34.703	ng/u1	0.00
31) 4-Chloroaniline-d4	11.236	131	58972	23.764	ng/u1	0.00
46) Dimethylphthalate-d6	14.302	166	287754	43.397	ng/u1	-0.01
49) Acenaphthylene-d8	14.608	160	320132	38.874	ng/u1	0.00
54) 4-Nitrophenol-d4	15.072	143	11428	10.598	ng/u1	0.00
60) Fluorene-d10	15.900	176	259910	43.751	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.994	200	53930	49.776	ng/u1	-0.02
73) Anthracene-d10	17.756	188	457448	46.114	ng/u1	0.00
81) Pyrene-d10	20.030	212	568740	43.103	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.234	264	564157	47.806	ng/u1	-0.02
Target Compounds						
2) 1,4-Dioxane	3.646	88	14063	21.571	ng/uL	Qvalue 91
23) Isophorone	10.020	82	25795	5.556	ng/u1	97
26) 2,4-Dimethylphenol	10.290	107	16595m	7.414	ng/u1	
30) Naphthalene	11.165	128	146819	25.129	ng/u1	96
36) 2-Methylnaphthalene	12.757	142	16822	4.036	ng/u1	92
37) 1-Methylnaphthalene	12.974	142	13984	3.231	ng/u1#	98

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

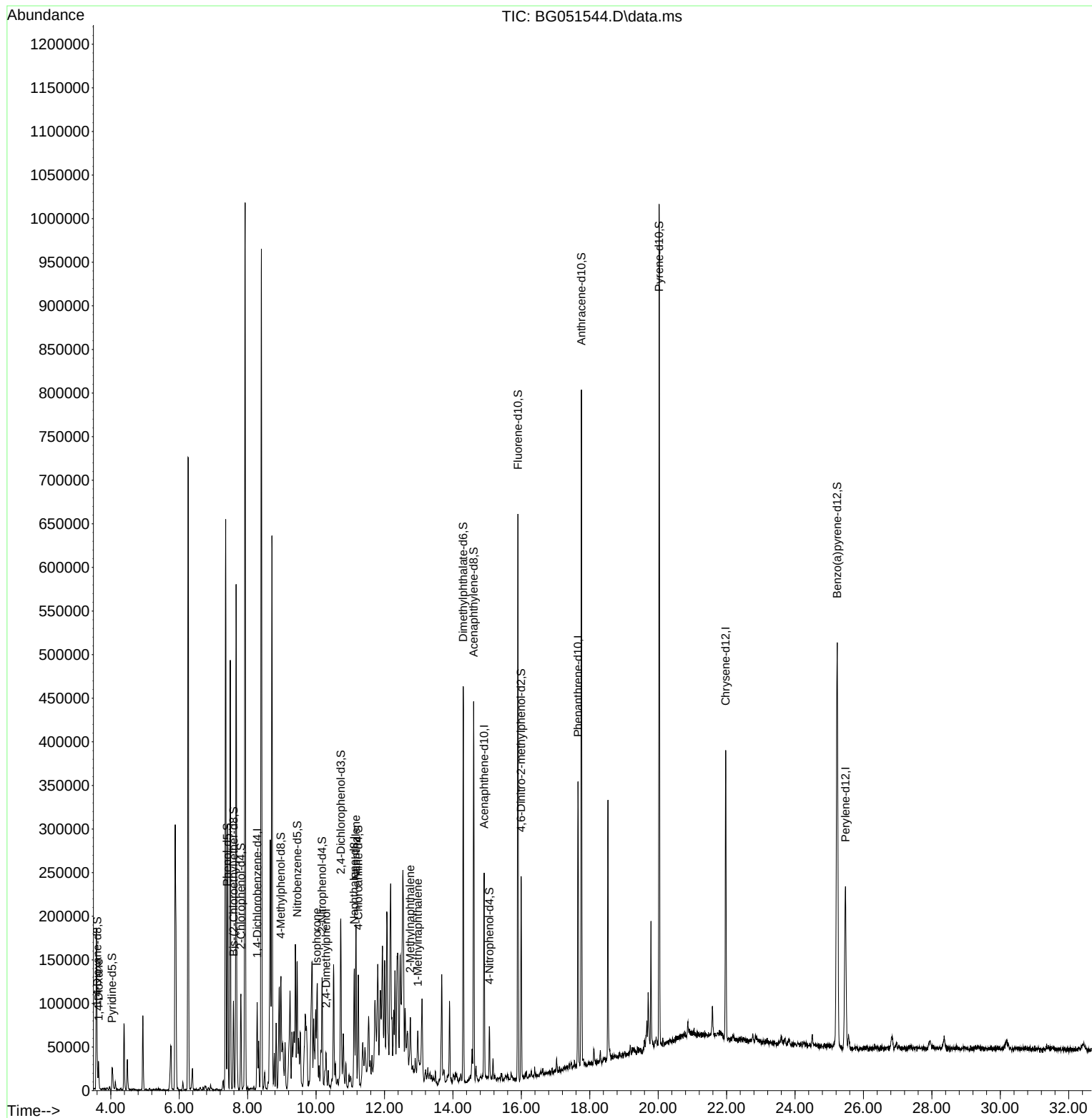
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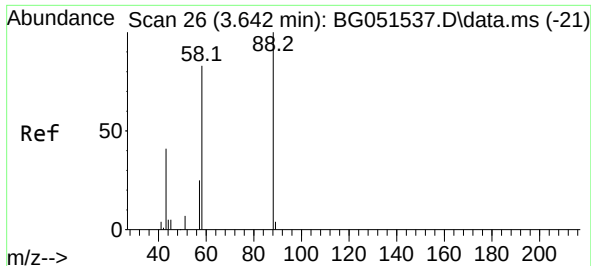
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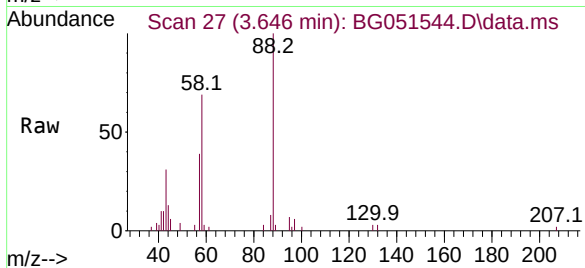
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021





#2
1,4-Dioxane
Concen: 21.571 ng/uL
RT: 3.646 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG051544.D
Acq: 15 Dec 2021 19:43

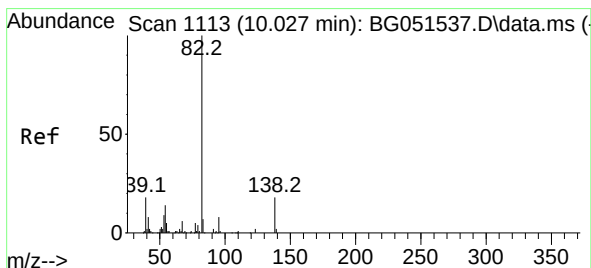
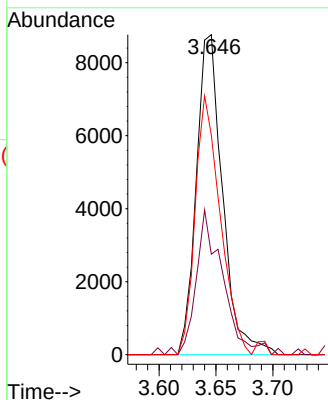
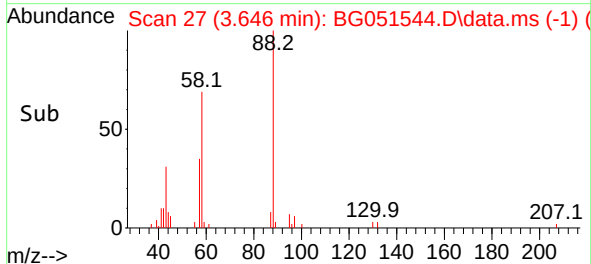
Instrument :
BNA_G
ClientSampleId :
EW5R1



Tgt Ion: 88 Resp: 1406
Ion Ratio Lower Upper
88 100
43 31.4 23.0 34.4
58 68.7 62.4 93.6

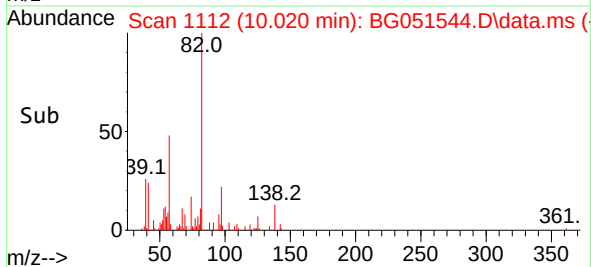
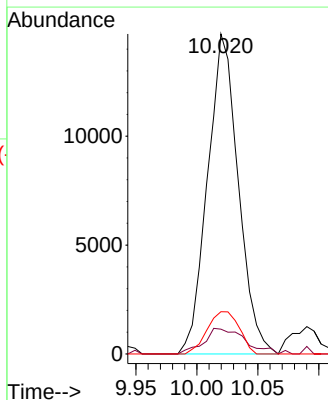
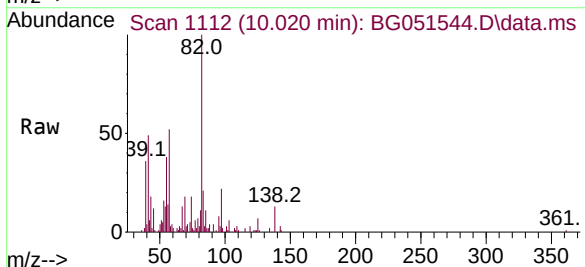
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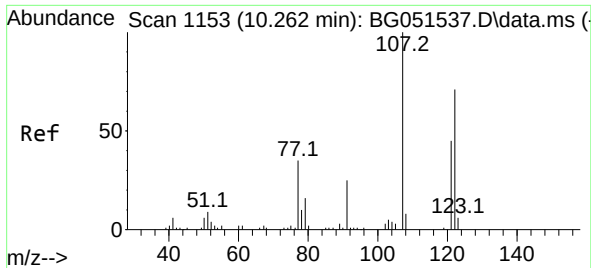
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#23
Isophorone
Concen: 5.556 ng/uL
RT: 10.020 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BG051544.D
Acq: 15 Dec 2021 19:43

Tgt Ion: 82 Resp: 25795
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 13.2 11.8 17.8





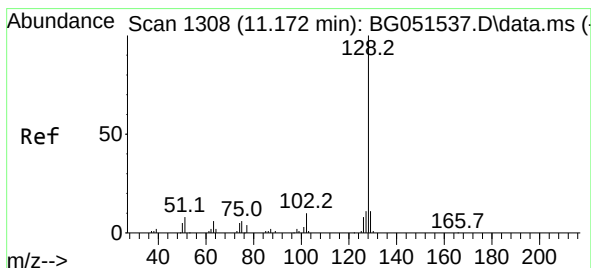
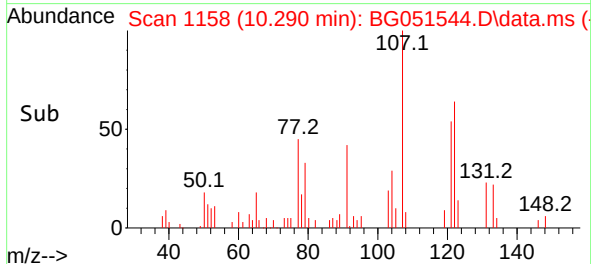
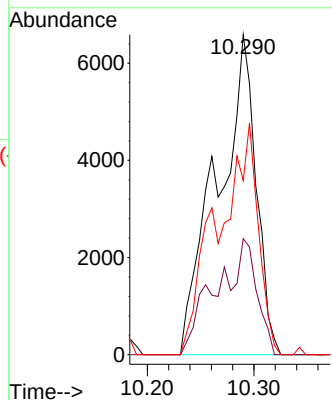
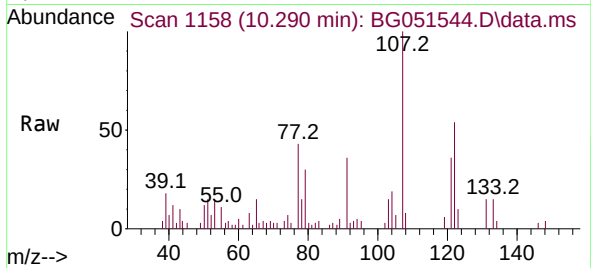
#26
2,4-Dimethylphenol
Concen: 7.414 ng/ul m
RT: 10.290 min Scan# 1158
Delta R.T. 0.023 min
Lab File: BG051544.D
Acq: 15 Dec 2021 19:43

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Tgt Ion:107 Resp: 1659
Ion Ratio Lower Upper
107 100
121 36.2 39.3 58.9
122 54.4 63.7 95.5

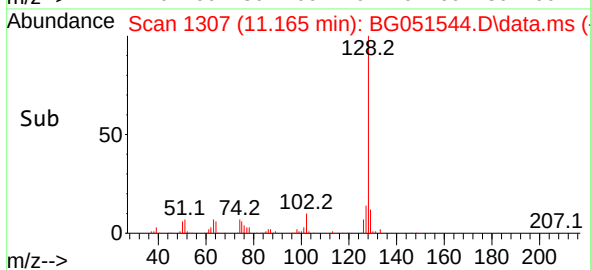
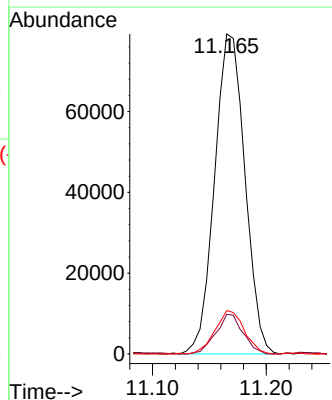
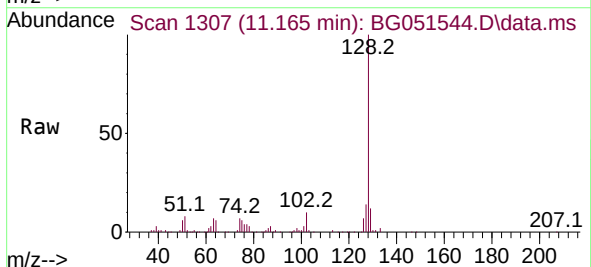
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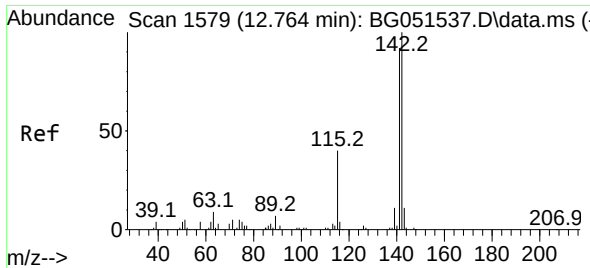
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#30
Naphthalene
Concen: 25.129 ng/ul
RT: 11.165 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BG051544.D
Acq: 15 Dec 2021 19:43

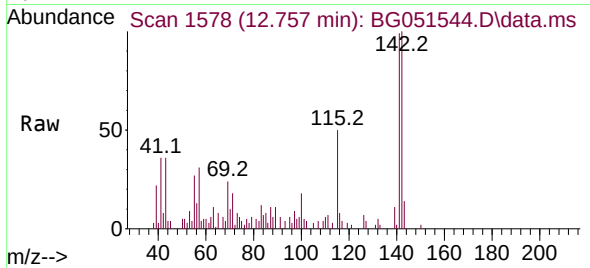
Tgt Ion:128 Resp: 146819
Ion Ratio Lower Upper
128 100
129 12.4 8.5 12.7
127 13.5 11.8 17.6





#36
2-Methylnaphthalene
Concen: 4.036 ng/ul
RT: 12.757 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG051544.D
Acq: 15 Dec 2021 19:43

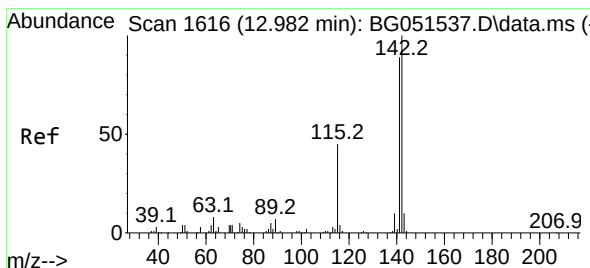
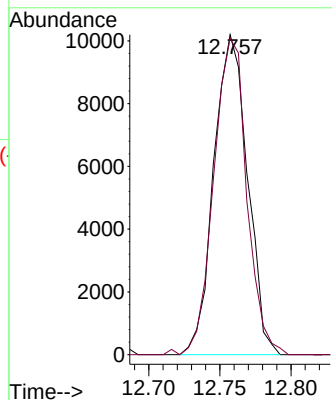
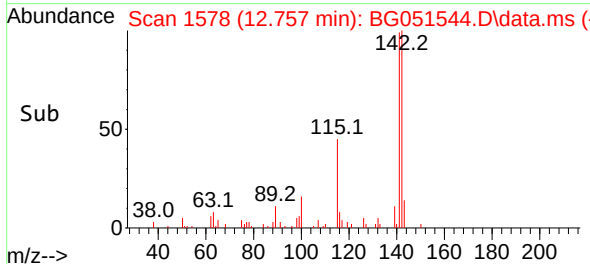
Instrument :
BNA_G
ClientSampleId :
EW5R1



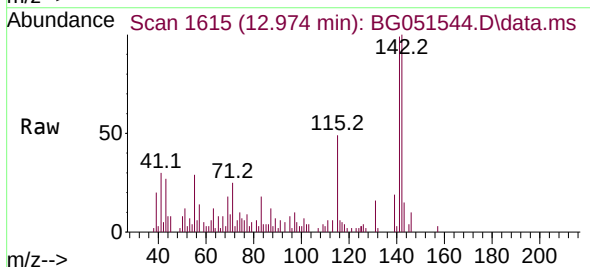
Tgt Ion:142 Resp: 1682
Ion Ratio Lower Upper
142 100
141 98.9 73.3 109.9

Manual Integrations
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Supervised By :Yogesh Patel 12/23/2021



#37
1-Methylnaphthalene
Concen: 3.231 ng/ul
RT: 12.974 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BG051544.D
Acq: 15 Dec 2021 19:43



Tgt Ion:142 Resp: 13984
Ion Ratio Lower Upper
142 100
141 98.6 77.8 116.8
116 6.3 3.3 4.9#

