

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051658.D
 Acq On : 19 Dec 2021 11:03
 Operator : CG/JU
 Sample : M5154-03
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL83

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 20 00:11:02 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	8.270	152	39674	20.000	ng/u1	-0.02
20) Naphthalene-d8	11.113	136	160526	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.908	164	115129	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.651	188	259816	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.975	240	260787	20.000	ng/u1	#-0.01
88) Perylene-d12	25.476	264	276882	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	5085	5.323	ng/uL	0.00
4) Pyridine-d5	4.029	84	41189	14.270	ng/u1	-0.02
7) Phenol-d5	7.400	99	99544	28.101	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.577	67	58734	27.891	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.800	132	69574	28.240	ng/u1	-0.01
15) 4-Methylphenol-d8	8.963	113	75221	27.471	ng/u1	-0.02
21) Nitrobenzene-d5	9.445	128	36093	30.668	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.173	143	39462	30.672	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.714	165	77856	27.905	ng/u1	-0.02
31) 4-Chloroaniline-d4	11.231	131	61539	16.753	ng/u1	-0.01
46) Dimethylphthalate-d6	14.297	166	244995	26.587	ng/u1	-0.02
49) Acenaphthylene-d8	14.602	160	309586	27.051	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.067	143	38690m	25.819	ng/u1	-0.01
60) Fluorene-d10	15.895	176	216348	26.205	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.995	200	33346	24.634	ng/u1	-0.02
73) Anthracene-d10	17.751	188	341818	27.579	ng/u1	-0.01
81) Pyrene-d10	20.030	212	399708	25.466	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.229	264	390900	26.832	ng/u1	-0.02
Target Compounds						
8) Phenol	7.430	94	4920	1.397	ng/u1#	86
30) Naphthalene	11.160	128	159794	18.477	ng/u1	96
37) 1-Methylnaphthalene	12.969	142	23519	3.671	ng/u1	93
43) 1,1'-Biphenyl	13.739	154	13541	1.535	ng/u1#	96
86) Bis(2-ethylhexyl)phtha...	21.846	149	227065	27.111	ng/u1#	99
89) Di-n-octyl phthalate	23.161	149	43051	2.887	ng/u1	100

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

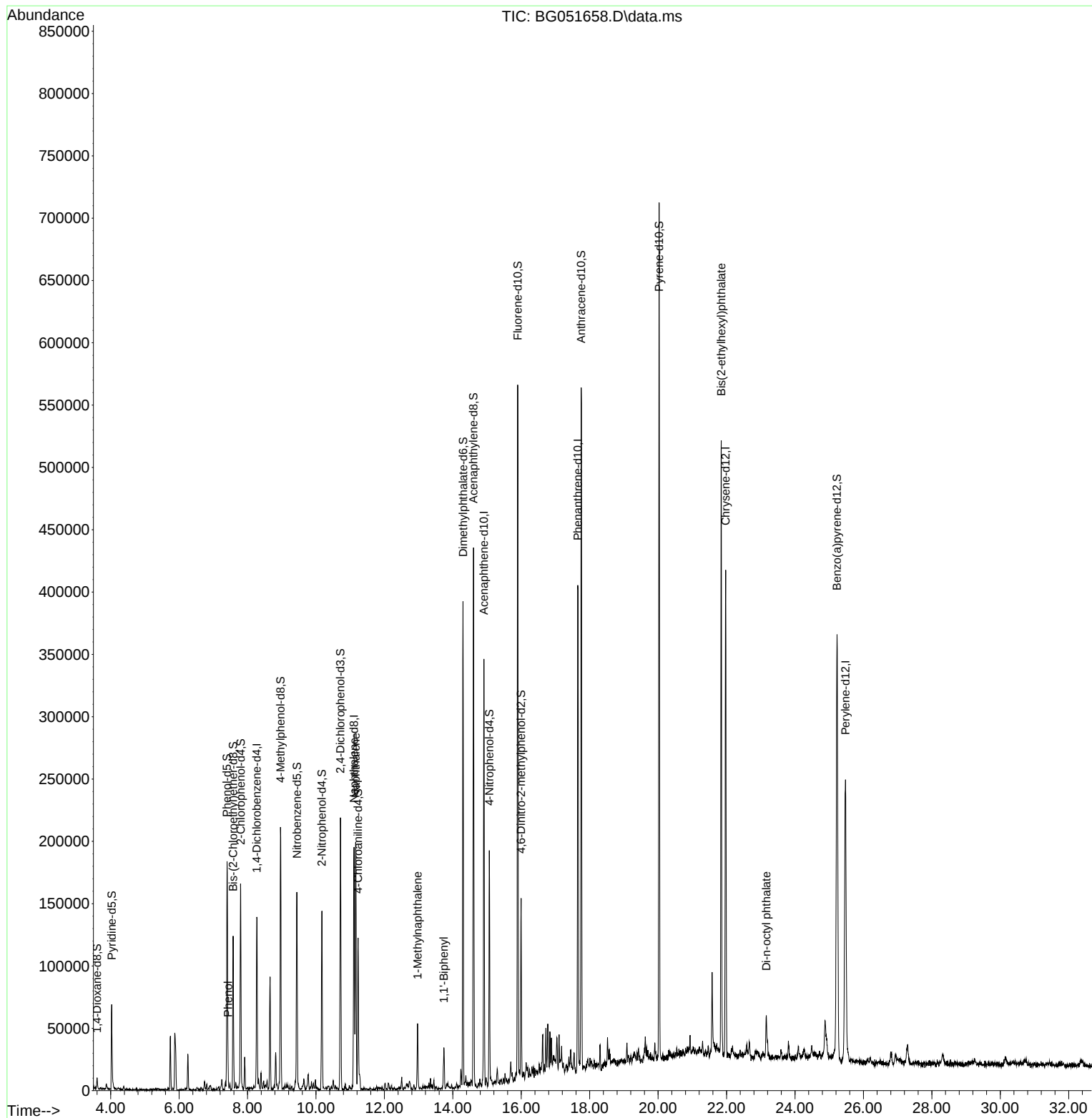
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
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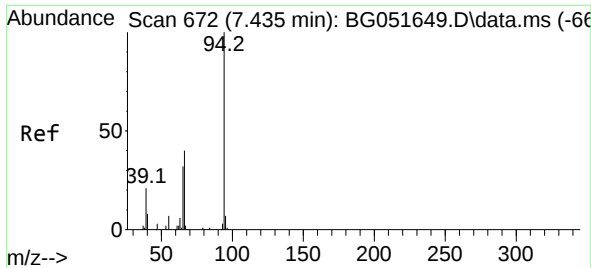
Instrument :
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Quant Time: Dec 20 00:11:02 2021
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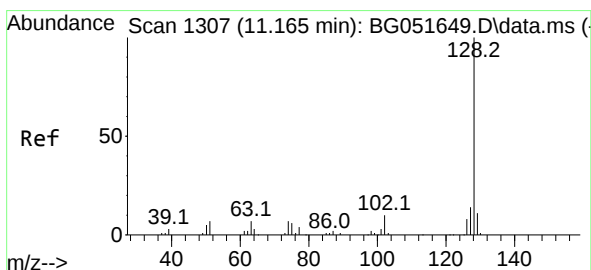
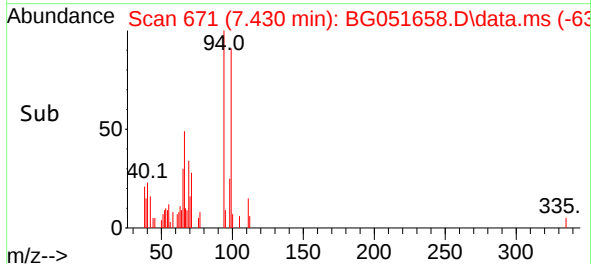
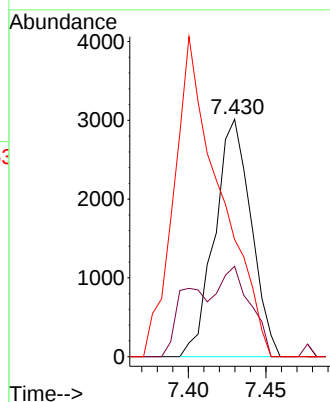
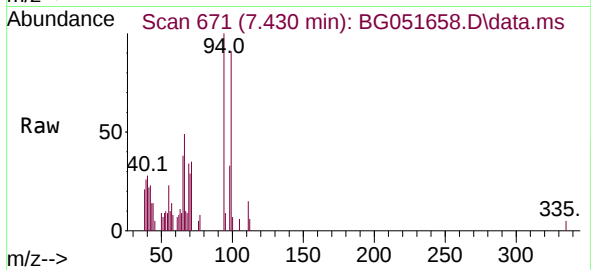
#8
Phenol
Concen: 1.397 ng/ul
RT: 7.430 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG051658.D
Acq: 19 Dec 2021 11:03

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 94 Resp: 4920
Ion Ratio Lower Upper
94 100
65 38.1 25.1 37.7
66 49.3 31.6 47.4

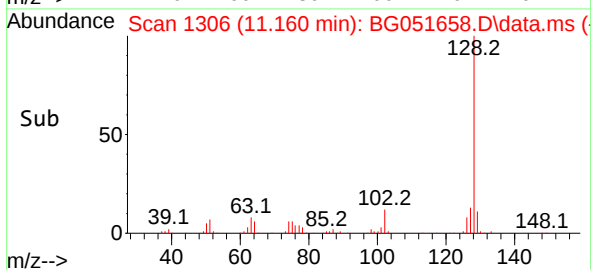
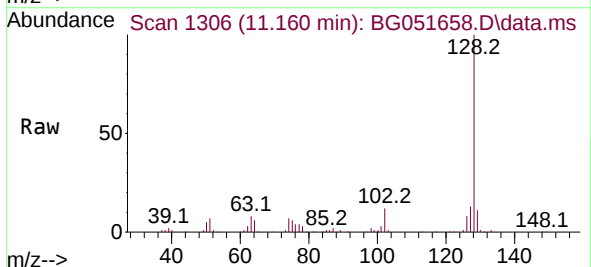
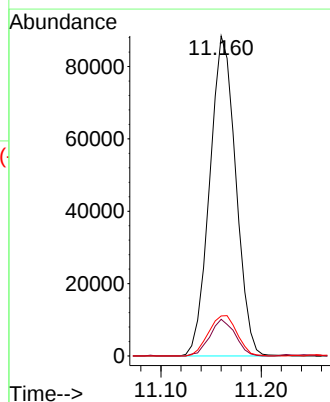
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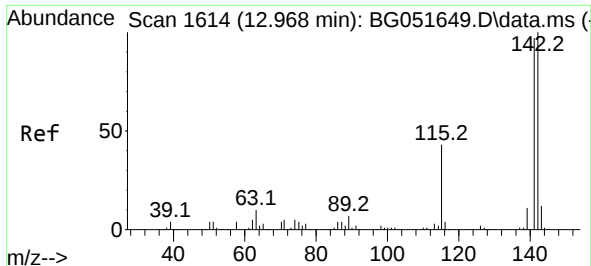
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Supervised By :mohammad ahmed 12/24/2021



#30
Naphthalene
Concen: 18.477 ng/ul
RT: 11.160 min Scan# 1306
Delta R.T. -0.017 min
Lab File: BG051658.D
Acq: 19 Dec 2021 11:03

Tgt Ion:128 Resp: 159794
Ion Ratio Lower Upper
128 100
129 11.5 8.5 12.7
127 12.5 11.8 17.6





#37

1-Methylnaphthalene

Concen: 3.671 ng/ul

RT: 12.969 min Scan# 1

Delta R.T. -0.017 min

Lab File: BG051658.D

Acq: 19 Dec 2021 11:03

Instrument :

BNA_G

ClientSampleId :

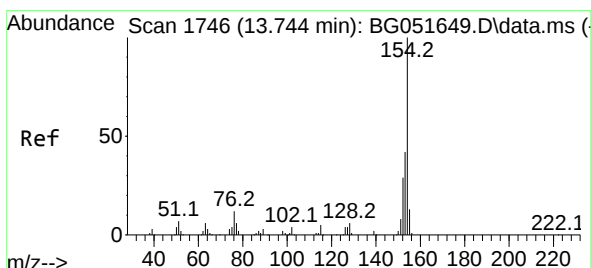
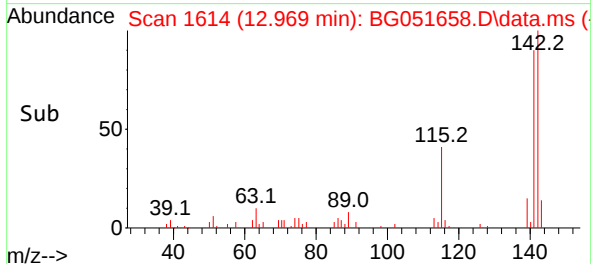
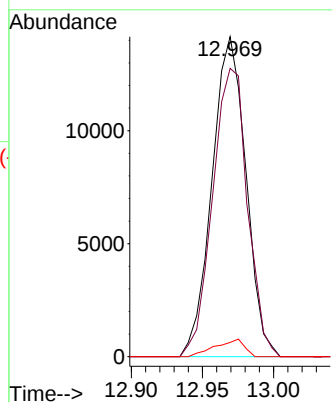
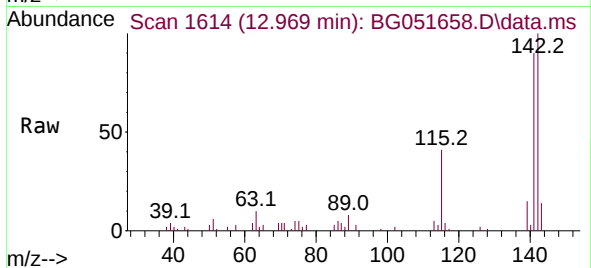
BGL83

Tgt Ion:	142	Resp:	23519
Ion Ratio	Lower	Upper	
142	100		
141	90.1	77.8	116.8
116	4.5	3.3	4.9

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#43

1,1'-Biphenyl

Concen: 1.535 ng/ul

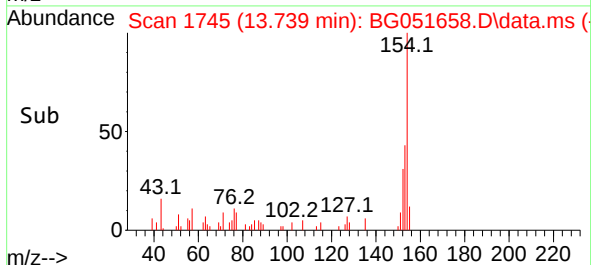
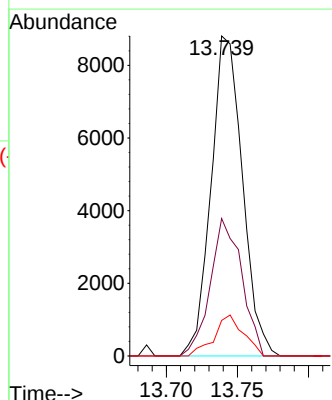
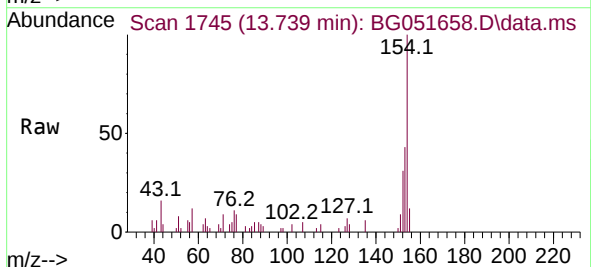
RT: 13.739 min Scan# 1745

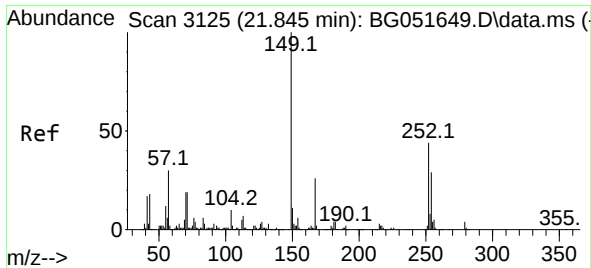
Delta R.T. -0.017 min

Lab File: BG051658.D

Acq: 19 Dec 2021 11:03

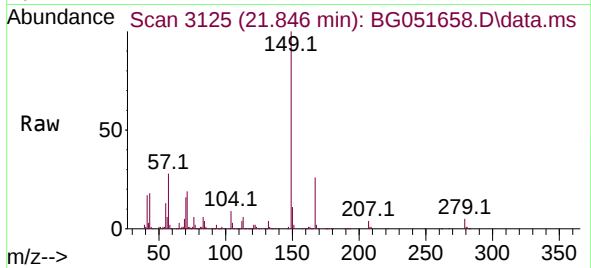
Tgt Ion:	154	Resp:	13541
Ion Ratio	Lower	Upper	
154	100		
153	42.9	34.5	51.7
76	11.1	13.1	19.7#





#86
Bis(2-ethylhexyl)phthalate
Concen: 27.111 ng/ul
RT: 21.846 min Scan# 3125
Delta R.T. -0.023 min
Lab File: BG051658.D
Acq: 19 Dec 2021 11:03

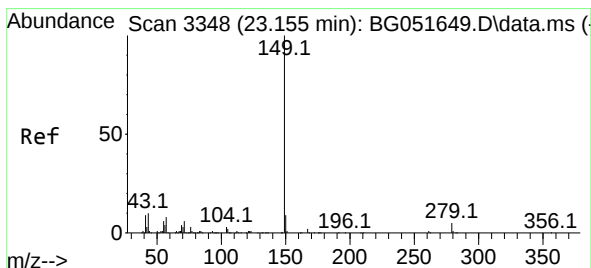
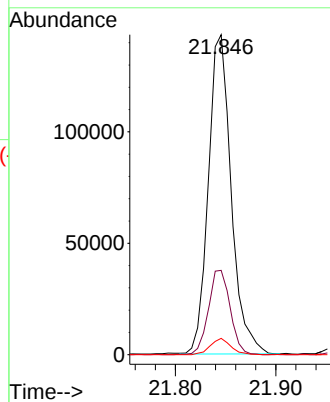
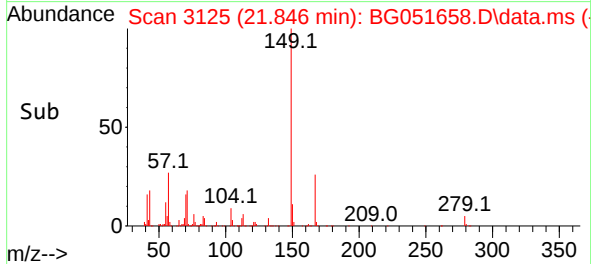
Instrument :
BNA_G
ClientSampleId :
BGL83



Tgt Ion:149 Resp: 227065
Ion Ratio Lower Upper
149 100
167 26.4 21.1 31.7
279 5.1 2.7 4.1

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#89
Di-n-octyl phthalate
Concen: 2.887 ng/ul
RT: 23.161 min Scan# 3349
Delta R.T. -0.023 min
Lab File: BG051658.D
Acq: 19 Dec 2021 11:03

Tgt Ion:149 Resp: 43051

