

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051830.D
 Acq On : 28 Dec 2021 15:26
 Operator : CG/JU
 Sample : M5215-04DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLD6DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

Quant Time: Dec 29 00:06:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 13:37:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.287	152	32193	20.000	ng/u1	0.00
20) Naphthalene-d8	11.119	136	123971	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.908	164	88787	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.657	188	176986	20.000	ng/u1	0.00
79) Chrysene-d12	21.975	240	159514	20.000	ng/u1	#-0.01
88) Perylene-d12	25.470	264	137285	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	454	0.586	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.418	99	14515	5.050	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.606	67	60103m	35.173	ng/u1	0.01
11) 2-Chlorophenol-d4	7.806	132	9590	4.797	ng/u1	0.00
15) 4-Methylphenol-d8	8.951	113	58704	26.421	ng/u1	-0.03
21) Nitrobenzene-d5	9.486	128	7914m	8.707	ng/u1	0.03
24) 2-Nitrophenol-d4	10.179	143	5241	5.275	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.725	165	9316	4.324	ng/u1	0.00
31) 4-Chloroaniline-d4	11.230	131	41129	14.498	ng/u1	-0.01
46) Dimethylphthalate-d6	14.297	166	31710	4.462	ng/u1	-0.02
49) Acenaphthylene-d8	14.608	160	42459	4.811	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.895	176	27784	4.364	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	16.000	200	2173	2.357	ng/u1	-0.01
73) Anthracene-d10	17.757	188	42521	5.036	ng/u1	0.00
81) Pyrene-d10	20.030	212	45552	4.745	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.229	264	34763	4.813	ng/u1	-0.02
Target Compounds						
30) Naphthalene	11.172	128	472755	70.783	ng/u1	97
36) 2-Methylnaphthalene	12.758	142	229936	48.256	ng/u1	99
37) 1-Methylnaphthalene	12.969	142	105654	21.355	ng/u1#	96
43) 1,1'-Biphenyl	13.745	154	28908	4.250	ng/u1	93

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

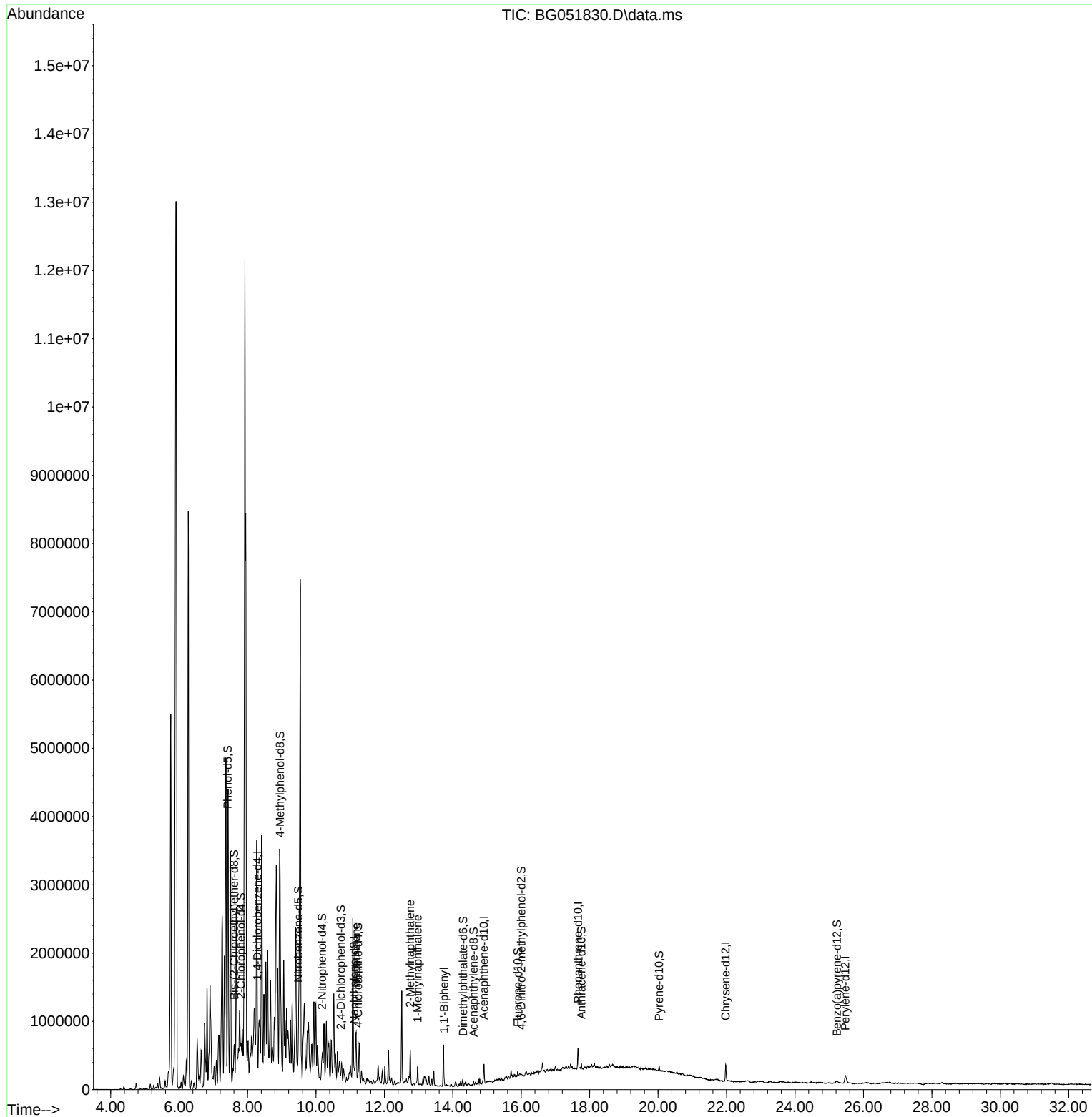
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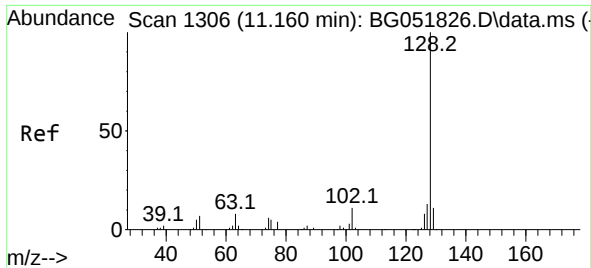
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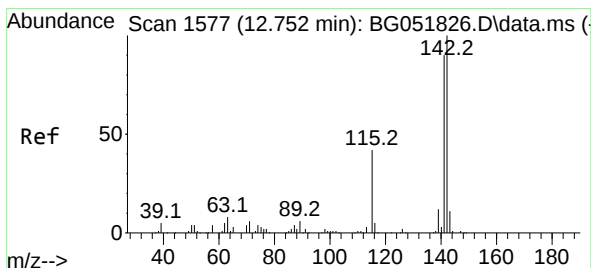
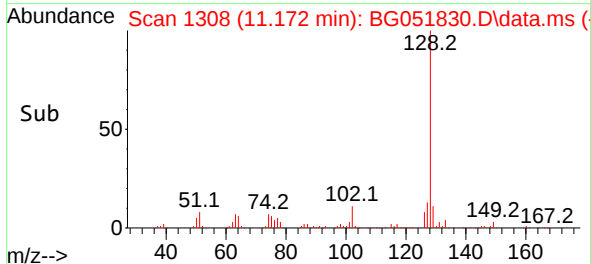
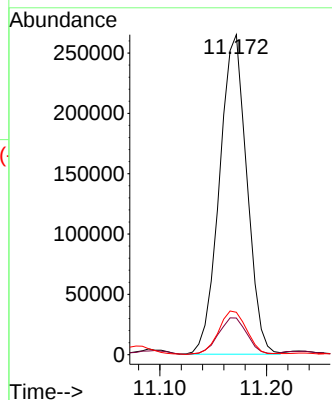
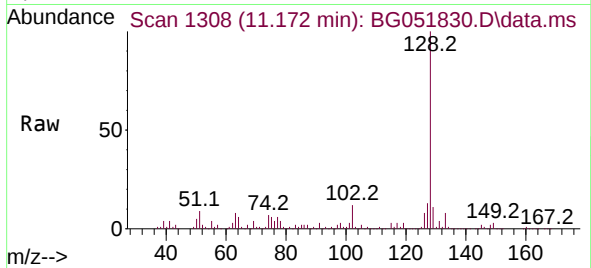
#30
Naphthalene
Concen: 70.783 ng/ul
RT: 11.172 min Scan# 11172
Delta R.T. -0.005 min
Lab File: BG051830.D
Acq: 28 Dec 2021 15:26

Instrument :
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Tgt Ion:128 Resp: 47275
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.3 11.8 17.6

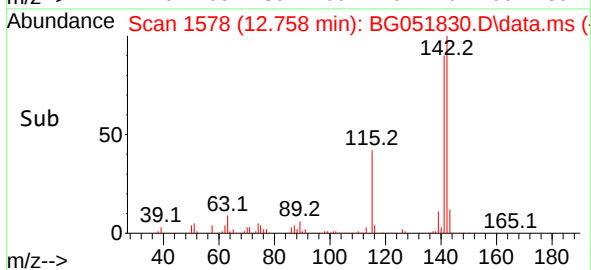
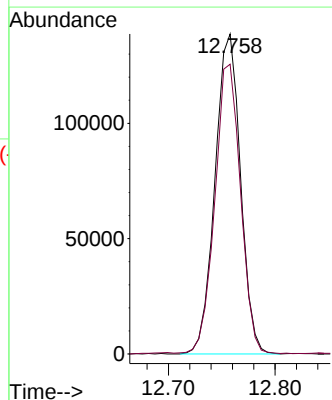
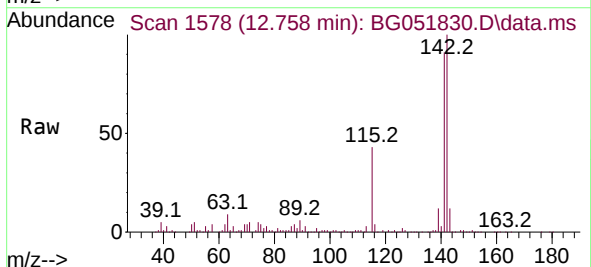
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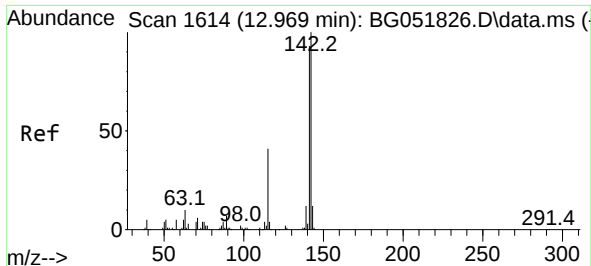
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Supervised By :mohammad ahmed 01/03/2022



#36
2-Methylnaphthalene
Concen: 48.256 ng/ul
RT: 12.758 min Scan# 1578
Delta R.T. -0.011 min
Lab File: BG051830.D
Acq: 28 Dec 2021 15:26

Tgt Ion:142 Resp: 229936
Ion Ratio Lower Upper
142 100
141 90.6 73.3 109.9





#37

1-Methylnaphthalene

Concen: 21.355 ng/ul

RT: 12.969 min Scan# 1

Delta R.T. -0.017 min

Lab File: BG051830.D

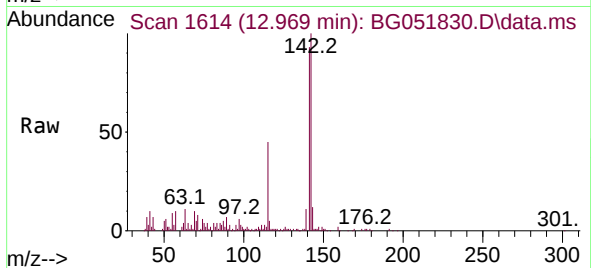
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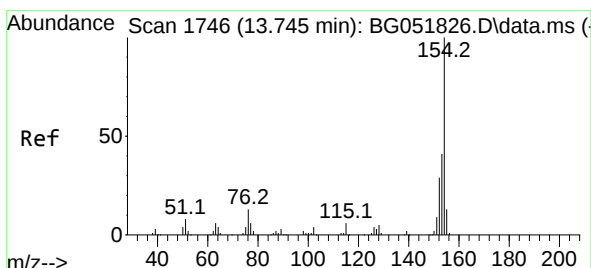
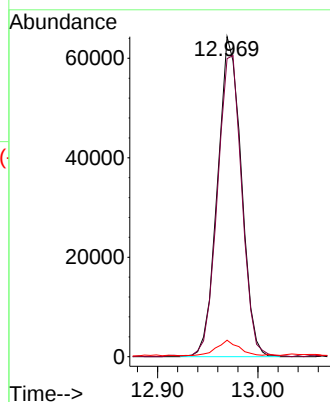
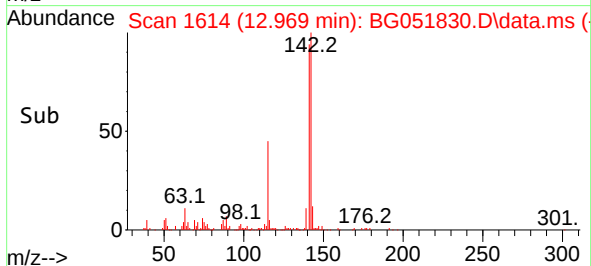
Tgt Ion:142 Resp: 105654

Ion	Ratio	Lower	Upper
142	100		
141	93.2	77.8	116.8
116	5.1	3.3	4.9

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#43

1,1'-Biphenyl

Concen: 4.250 ng/ul

RT: 13.745 min Scan# 1746

Delta R.T. -0.011 min

Lab File: BG051830.D

Acq: 28 Dec 2021 15:26

Tgt Ion:154 Resp: 28908

Ion	Ratio	Lower	Upper
154	100		
153	38.1	34.5	51.7
76	13.8	13.1	19.7

