

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051839.D
 Acq On : 28 Dec 2021 21:31
 Operator : CG/JU
 Sample : M5216-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COHB3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 29 00:20:41 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	8.270	152	32911	20.000	ng/u1	-0.02
20) Naphthalene-d8	11.108	136	142323	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.908	164	103134	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.652	188	218191	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.969	240	188584	20.000	ng/u1	#-0.02
88) Perylene-d12	25.470	264	130085	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	4097m	5.170	ng/uL	0.00
4) Pyridine-d5	4.035	84	27195m	11.358	ng/u1	-0.01
7) Phenol-d5	7.407	99	18598	6.329	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.577	67	61649	35.291	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.800	132	26751	13.089	ng/u1	-0.01
15) 4-Methylphenol-d8	8.969	113	36144	15.913	ng/u1	-0.01
21) Nitrobenzene-d5	9.439	128	38789	37.174	ng/u1	-0.02
24) 2-Nitrophenol-d4	10.179	143	346m	0.303	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.720	165	25165	10.173	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.231	131	62080	19.062	ng/u1	-0.01
46) Dimethylphthalate-d6	14.297	166	267659	32.425	ng/u1	-0.02
49) Acenaphthylene-d8	14.603	160	321962	31.405	ng/u1	-0.01
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	15.895	176	234751	31.741	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.751	188	393884	37.843	ng/u1	-0.01
81) Pyrene-d10	20.031	212	456924	40.258	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.224	264	267284	39.050	ng/u1	-0.03
Target Compounds						
					Qvalue	
22) Nitrobenzene	9.486	77	108772	35.839	ng/u1#	97
39) 1,2,4,5-Tetrachloroben...	13.111	216	4069	1.134	ng/u1#	80
75) 1,2,3,4-Tetrachloroben...	13.716	216	34573	10.300	ng/uL	98

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

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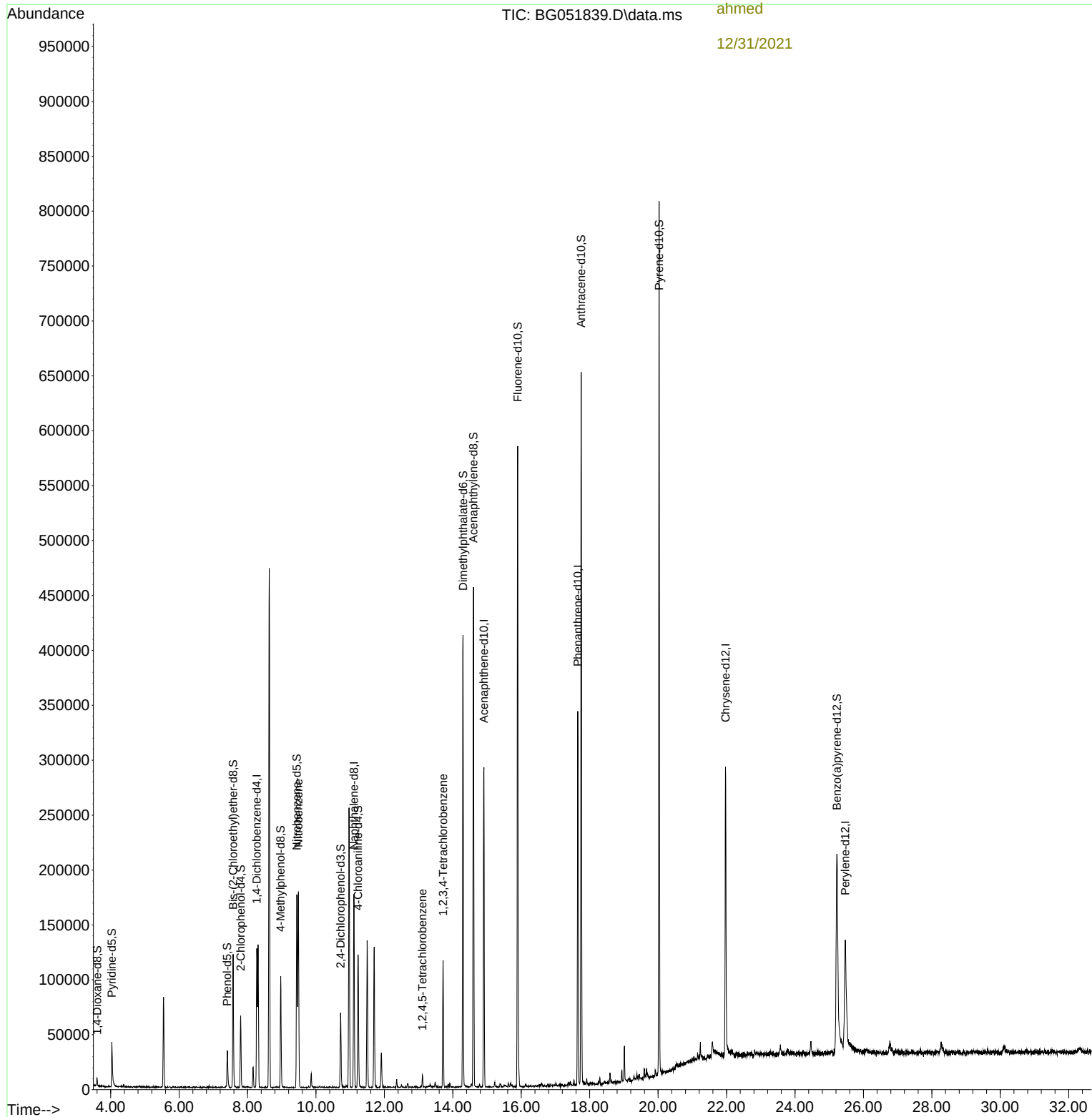
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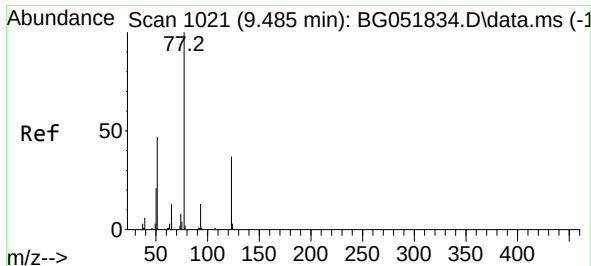
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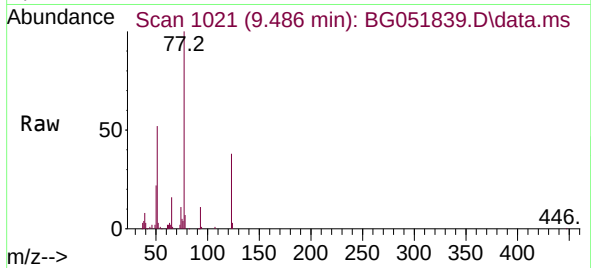
12/31/2021





#22
Nitrobenzene
Concen: 35.839 ng/ul
RT: 9.486 min Scan# 1021
Delta R.T. -0.011 min
Lab File: BG051839.D
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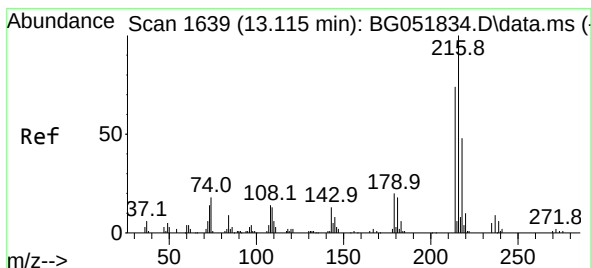
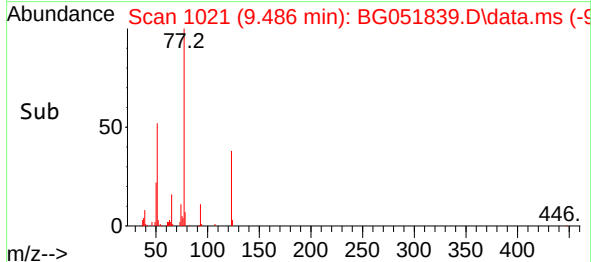
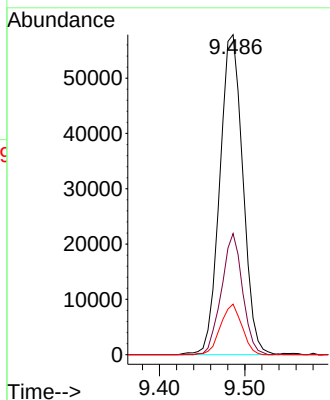
Tgt Ion: 77 Resp: 108772
Ion Ratio Lower Upper
77 100
123 37.8 30.1 45.1
65 15.8 9.6 14.4

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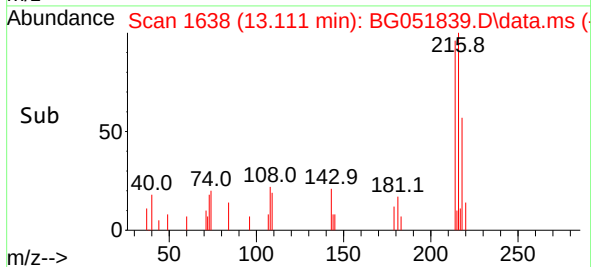
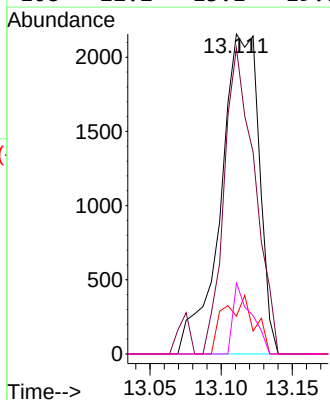
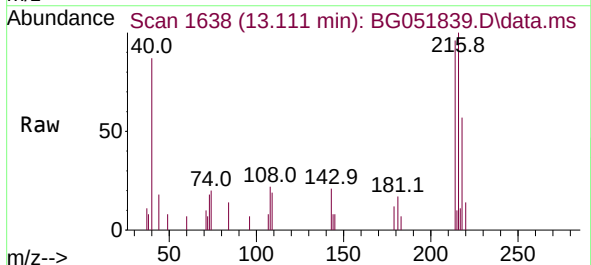
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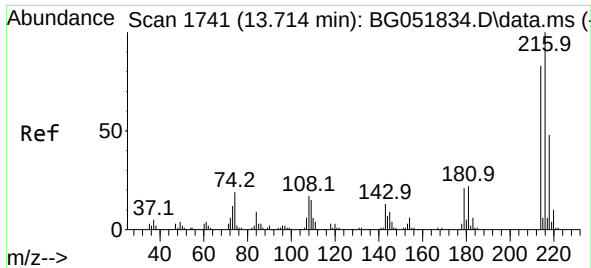
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.134 ng/ul
RT: 13.111 min Scan# 1638
Delta R.T. -0.017 min
Lab File: BG051839.D
Acq: 28 Dec 2021 21:31

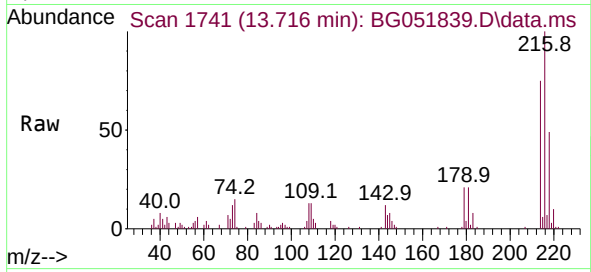
Tgt Ion:216 Resp: 4069
Ion Ratio Lower Upper
216 100
214 95.6 61.0 91.4#
179 11.8 16.2 24.2#
108 22.2 13.1 19.7#





#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 10.300 ng/uL
 RT: 13.716 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BG051839.D
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Tgt Ion:216 Resp: 3457
 Ion Ratio Lower Upper
 216 100
 214 75.2 61.3 91.9
 218 48.9 37.0 55.6

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