Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059123.D
Acq On : 21 Sep 2023 00:18
Operator : MA/JU
Sample : 04344-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 21 00:53:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BBHX3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.295	152	36785	20.000	ng/ul	0.00
20) Naphthalene-d8	11.138	136	182480	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.922	164	120634	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.672	188	282336	20.000	ng/ul	0.00
79) Chrysene-d12	21.990	240	233656	20.000	ng/ul	0.00
88) Perylene-d12	25.545	264	278072	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	4045	4.304	ng/uL	0.00
4) Pyridine-d5	4.035	84	29833	10.821	ng/ul	-0.01
7) Phenol-d5	7.407	99	34628	9.574	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.613	67	82596	37.211	ng/ul	0.00
11) 2-Chlorophenol-d4	7.807	132	79514	29.789	ng/ul	0.00
15) 4-Methylphenol-d8	8.976	113	61190	21.242	ng/ul	0.00
21) Nitrobenzene-d5	9.493	128	54716	38.858	ng/ul	0.00
24) 2-Nitrophenol-d4	10.210	143	56964	40.046	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.739	165	104098	38.547	ng/ul	0.00
31) 4-Chloroaniline-d4	11.279	131	71234	16.901	ng/ul	0.00
46) Dimethylphthalate-d6	14.323	166	415376	44.772	ng/ul	0.00
49) Acenaphthylene-d8	14.628	160	465716	41.226	ng/ul	0.00
54) 4-Nitrophenol-d4	15.092	143	15648	9.245	ng/ul	0.00
60) Fluorene-d10	15.915	176	372799	43.898	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.021	200	69970	43.591	ng/ul	0.00
73) Anthracene-d10	17.778	188	595272	46.337	ng/ul	0.00
81) Pyrene-d10	20.046	212	651038	47.670	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.292	264	642742	47.337	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.641	88	2748m	2.586	ng/uL	
34) Caprolactam	12.084	113	38223	38.233	ng/ul#	50

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

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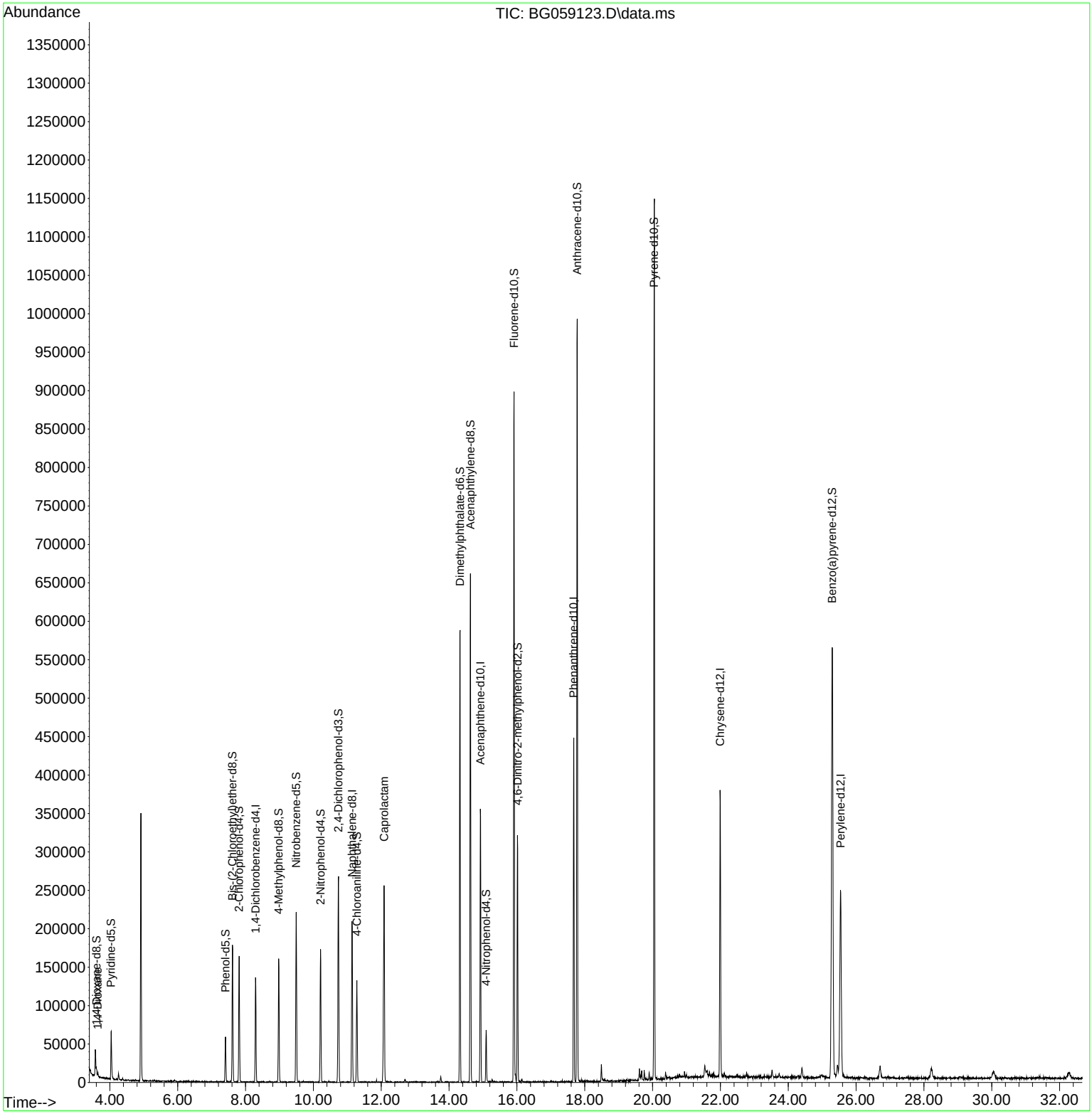
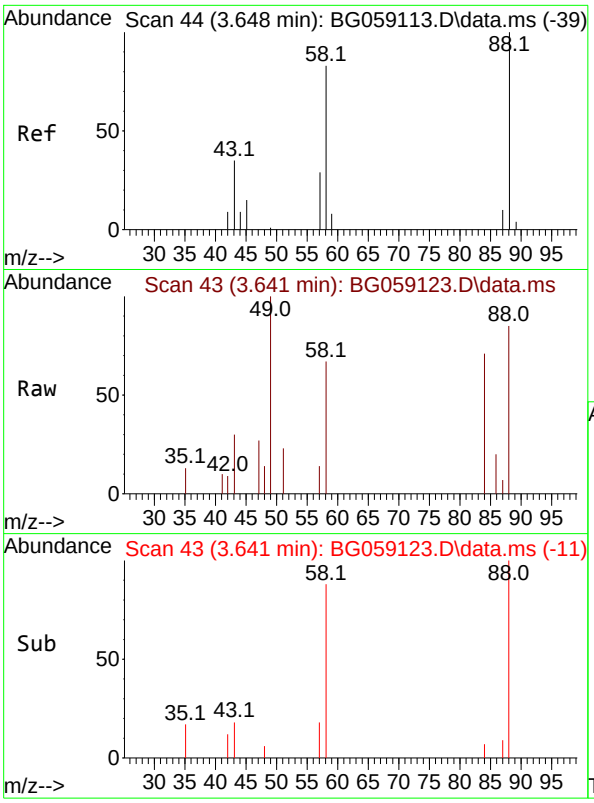
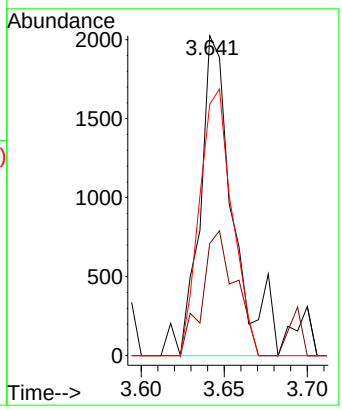




#2
1,4-Dioxane
Concen: 2.586 ng/uL m
RT: 3.641 min Scan# 4
Delta R.T. -0.011 min
Lab File: BG059123.D
Acq: 21 Sep 2023 00:18

Tgt Ion: 88 Resp: 274

Ion	Ratio	Lower	Upper
88	100		
43	35.1	24.5	36.7
58	78.6	60.6	91.0



Instrument :
BNA_G
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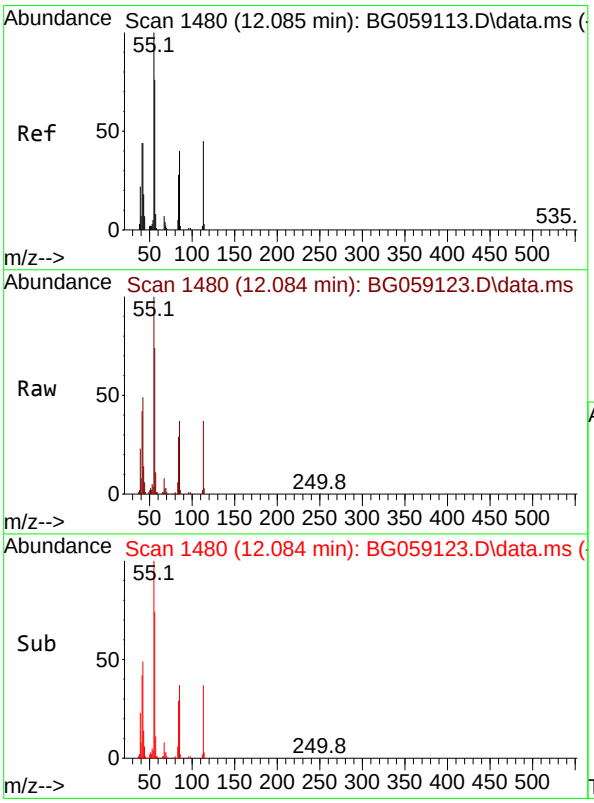

#34
Caprolactam
Concen: 38.233 ng/ul
RT: 12.084 min Scan# 1480
Delta R.T. -0.011 min
Lab File: BG059123.D
Acq: 21 Sep 2023 00:18

Tgt Ion:113 Resp: 38223

Ion	Ratio	Lower	Upper
113	100		
55	272.1	157.6	236.4#
56	202.1	112.3	168.5#