

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059122.D
 Acq On : 20 Sep 2023 23:37
 Operator : MA/JU
 Sample : 04344-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBJG2

Manual Integrations
 APPROVED

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

Quant Time: Sep 21 00:46:34 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	35374	20.000	ng/u1	0.00
20) Naphthalene-d8	11.137	136	174053	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.927	164	107738	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.676	188	255255	20.000	ng/u1	0.00
79) Chrysene-d12	21.995	240	216983	20.000	ng/u1	# 0.00
88) Perylene-d12	25.538	264	261685	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.610	96	4846m	5.362	ng/uL	0.00
4) Pyridine-d5	4.039	84	34035	12.837	ng/u1	0.00
7) Phenol-d5	7.412	99	35782	10.287	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.617	67	84745	39.702	ng/u1	0.00
11) 2-Chlorophenol-d4	7.811	132	77634	30.245	ng/u1	0.00
15) 4-Methylphenol-d8	8.981	113	58294	21.044	ng/u1	0.00
21) Nitrobenzene-d5	9.492	128	50659	37.718	ng/u1	0.00
24) 2-Nitrophenol-d4	10.214	143	55128	40.632	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.731	165	94589	36.722	ng/u1	0.00
31) 4-Chloroaniline-d4	11.278	131	50708	12.613	ng/u1	0.00
46) Dimethylphthalate-d6	14.321	166	365375	44.096	ng/u1	0.00
49) Acenaphthylene-d8	14.627	160	404080	40.052	ng/u1	0.00
54) 4-Nitrophenol-d4	15.097	143	17168	11.357	ng/u1	0.00
60) Fluorene-d10	15.914	176	321838	42.434	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.019	200	62133	42.815	ng/u1	0.00
73) Anthracene-d10	17.776	188	532732	45.869	ng/u1	0.00
81) Pyrene-d10	20.044	212	601776	47.449	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.297	264	597991	46.799	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.646	88	7705	7.540	ng/uL	Qvalue 91
34) Caprolactam	12.059	113	5389	5.651	ng/u1#	61

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

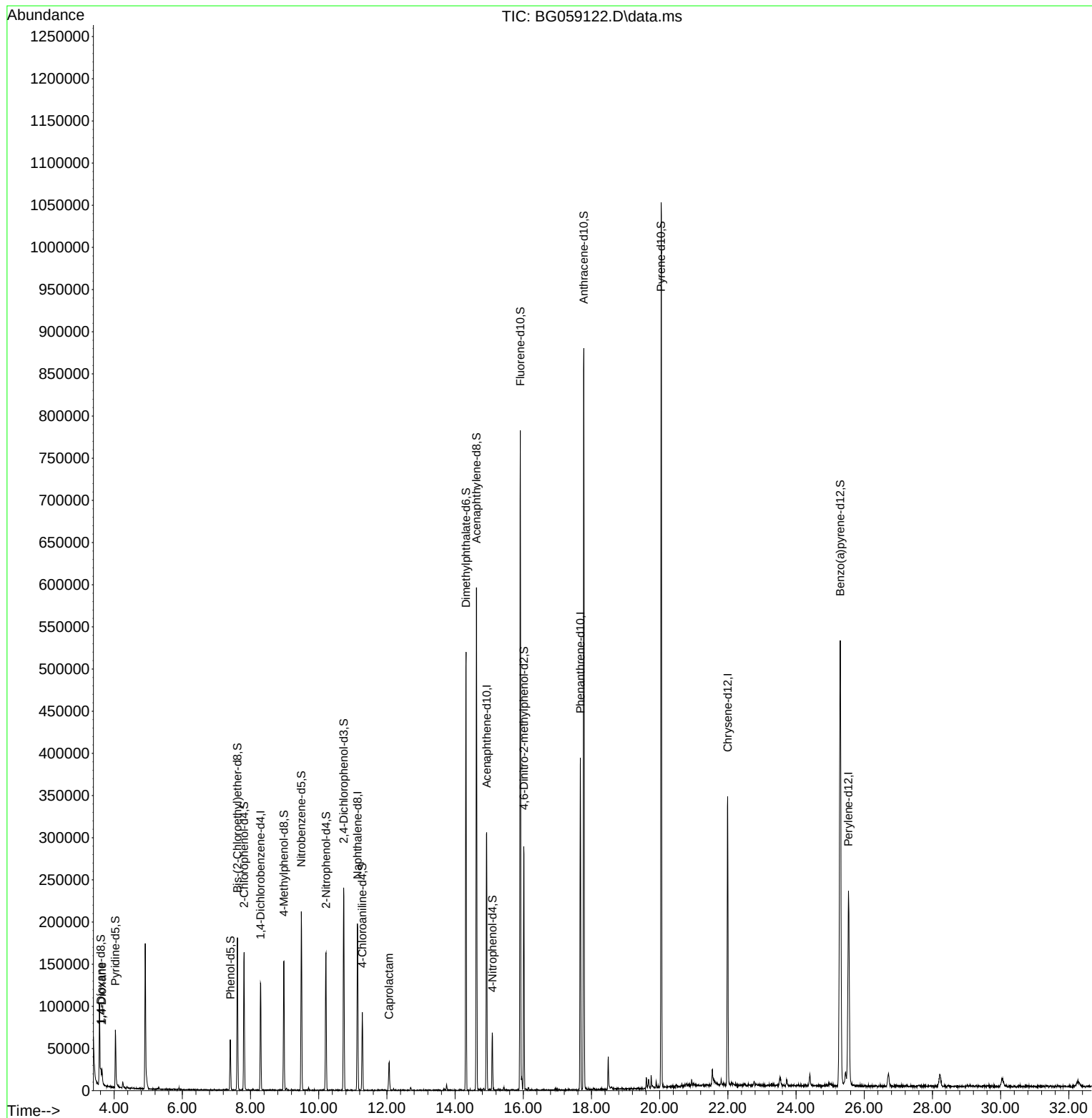
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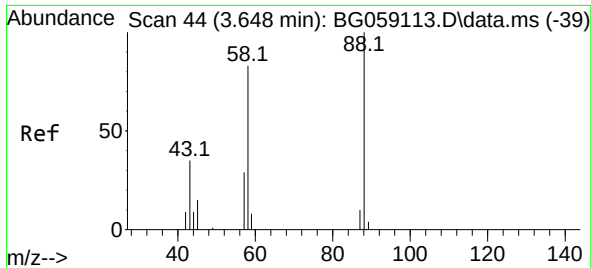
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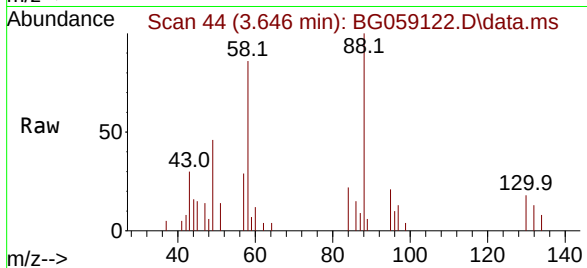
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#2
1,4-Dioxane
Concen: 7.540 ng/uL
RT: 3.646 min Scan# 44
Delta R.T. -0.006 min
Lab File: BG059122.D
Acq: 20 Sep 2023 23:37

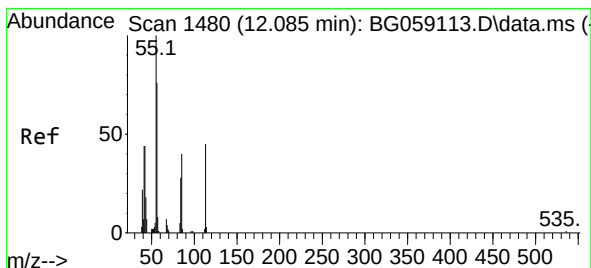
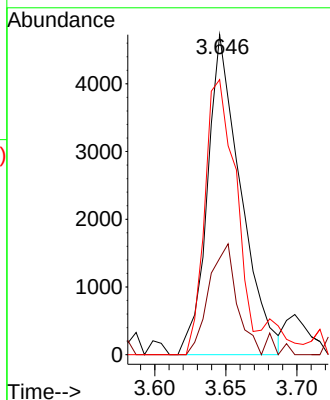
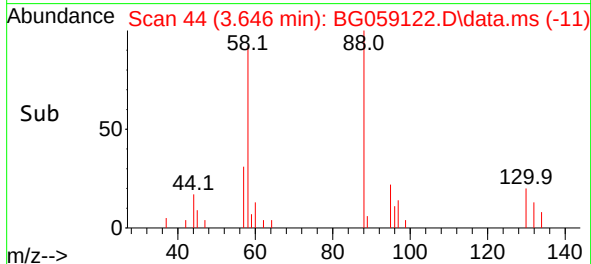
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Tgt Ion: 88 Resp: 770
Ion Ratio Lower Upper
88 100
43 30.1 24.5 36.7
58 85.9 60.6 91.0

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#34
Caprolactam
Concen: 5.651 ng/uL
RT: 12.059 min Scan# 1476
Delta R.T. -0.036 min
Lab File: BG059122.D
Acq: 20 Sep 2023 23:37

Tgt Ion:113 Resp: 5389
Ion Ratio Lower Upper
113 100
55 250.4 157.6 236.4#
56 193.5 112.3 168.5#

