

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
 Data File : BG059233.D
 Acq On : 28 Sep 2023 14:16
 Operator : MA/JU
 Sample : 04450-09DL 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBKA6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 29 06:12:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	43867	20.000	ng/u1	0.00
20) Naphthalene-d8	11.073	136	200605	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.863	164	128659	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.613	188	303462	20.000	ng/u1	0.00
79) Chrysene-d12	21.913	240	276639	20.000	ng/u1	0.00
88) Perylene-d12	25.398	264	332711	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.976	84	5381	1.587	ng/u1	0.00
7) Phenol-d5	7.354	99	654	0.149	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	6225	2.219	ng/u1	0.00
11) 2-Chlorophenol-d4	7.748	132	3316	1.123	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0	0.000	ng/u1	
21) Nitrobenzene-d5	9.428	128	6065m	4.284	ng/u1	0.00
24) 2-Nitrophenol-d4	10.145	143	3481m	2.505	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.674	165	3225	1.130	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.258	166	29793	3.203	ng/u1	0.00
49) Acenaphthylene-d8	14.569	160	12803	1.097	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.850	176	26915	3.040	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.962	200	2212	1.418	ng/u1	0.00
73) Anthracene-d10	17.712	188	37926	2.743	ng/u1	0.00
81) Pyrene-d10	19.986	212	46562	3.006	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.145	264	41176	2.575	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	11.126	128	671556	62.436	ng/u1	98
36) 2-Methylnaphthalene	12.712	142	173806	24.667	ng/u1	100
37) 1-Methylnaphthalene	12.924	142	93087	13.017	ng/u1#	99

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

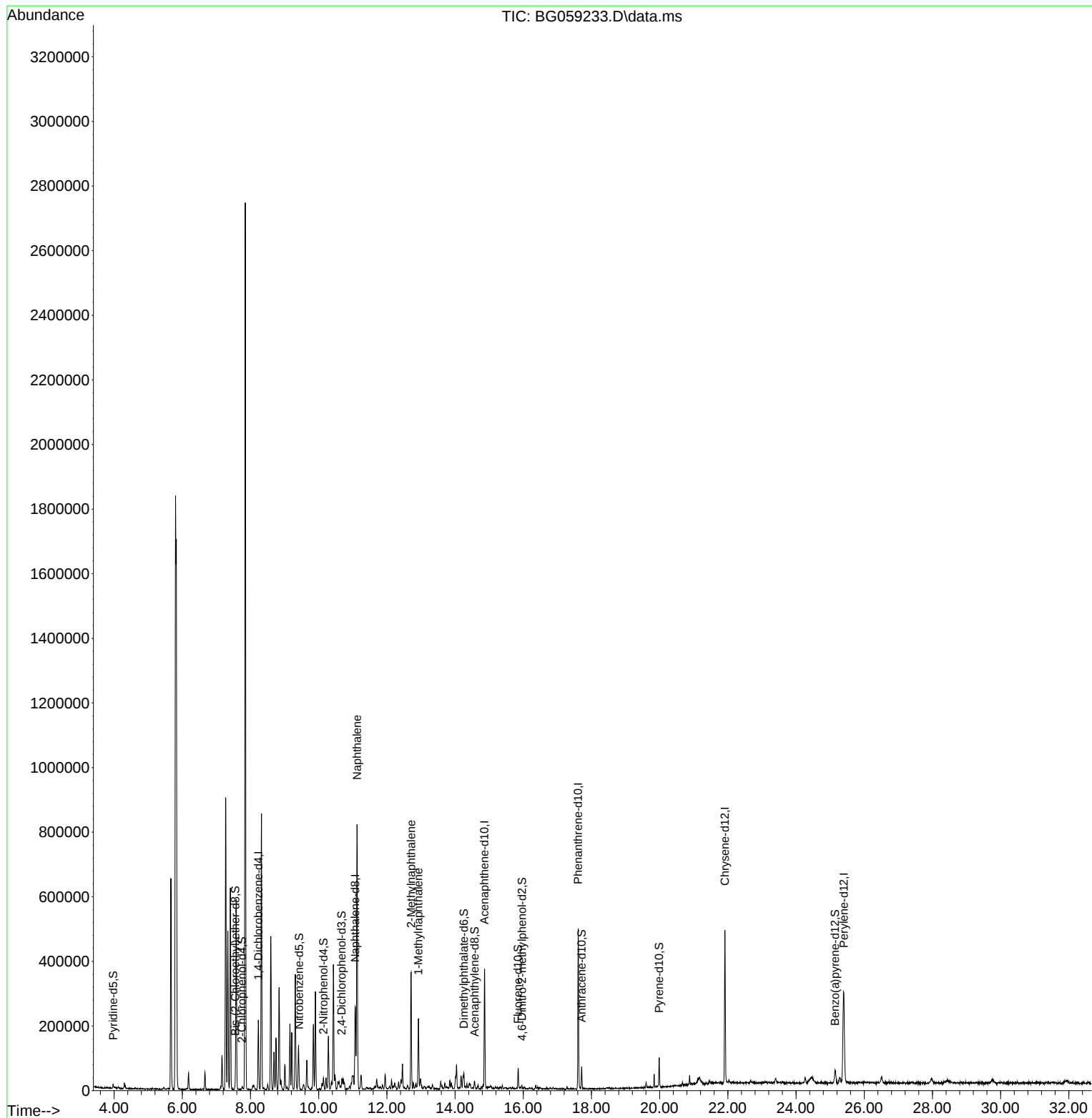
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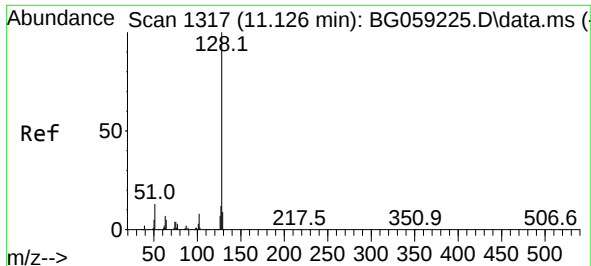
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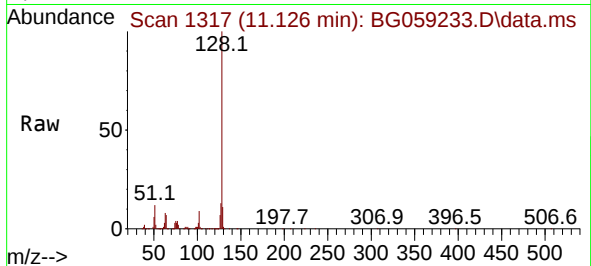
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023





#30
Naphthalene
Concen: 62.436 ng/ul
RT: 11.126 min Scan# 1317
Delta R.T. -0.002 min
Lab File: BG059233.D
Acq: 28 Sep 2023 14:16

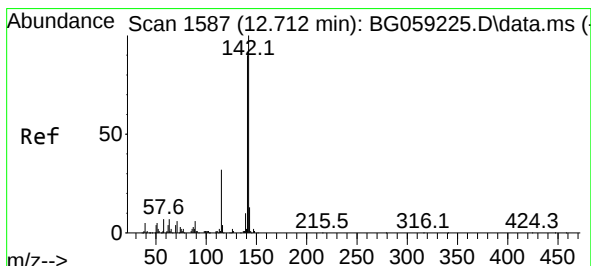
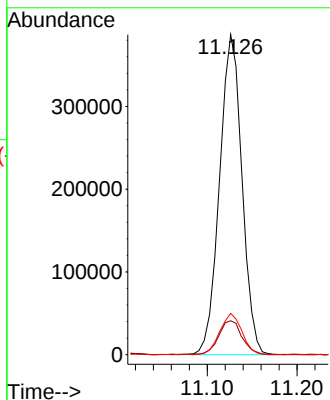
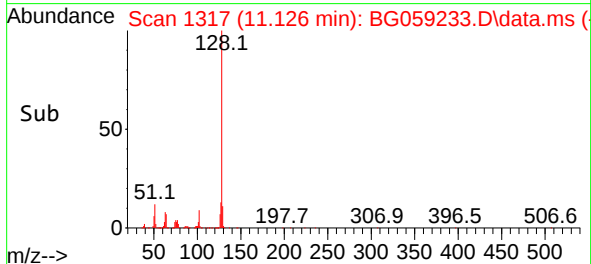
Instrument :
BNA_G
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Tgt Ion:128 Resp: 671550
Ion Ratio Lower Upper
128 100
129 10.6 8.0 12.0
127 12.9 11.1 16.7

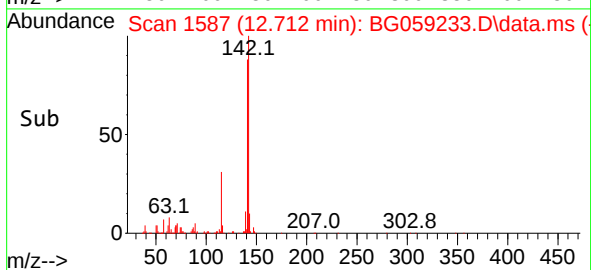
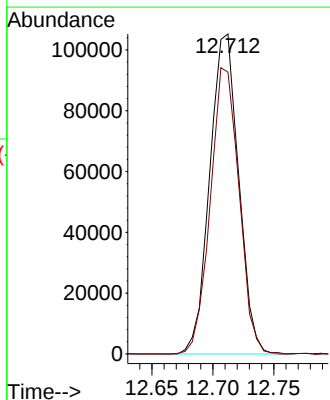
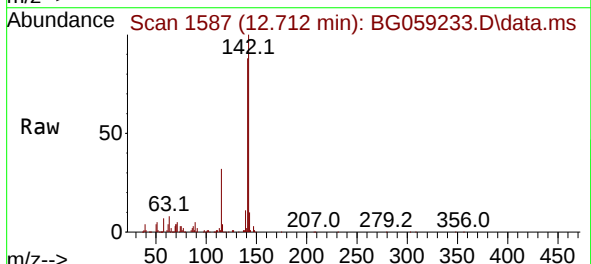
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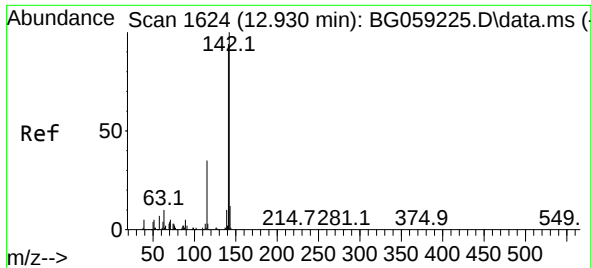
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#36
2-Methylnaphthalene
Concen: 24.667 ng/ul
RT: 12.712 min Scan# 1587
Delta R.T. -0.002 min
Lab File: BG059233.D
Acq: 28 Sep 2023 14:16

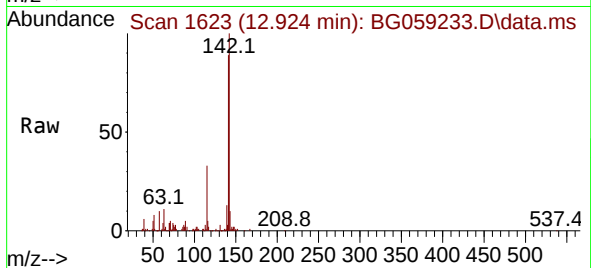
Tgt Ion:142 Resp: 173806
Ion Ratio Lower Upper
142 100
141 88.0 70.2 105.2





#37
1-Methylnaphthalene
Concen: 13.017 ng/ul
RT: 12.924 min Scan# 10
Delta R.T. -0.008 min
Lab File: BG059233.D
Acq: 28 Sep 2023 14:16

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Tgt Ion:142 Resp: 9308
Ion Ratio Lower Upper
142 100
141 88.7 71.6 107.4
116 4.6 2.3 3.5

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