Quantitation Report (Qedit)

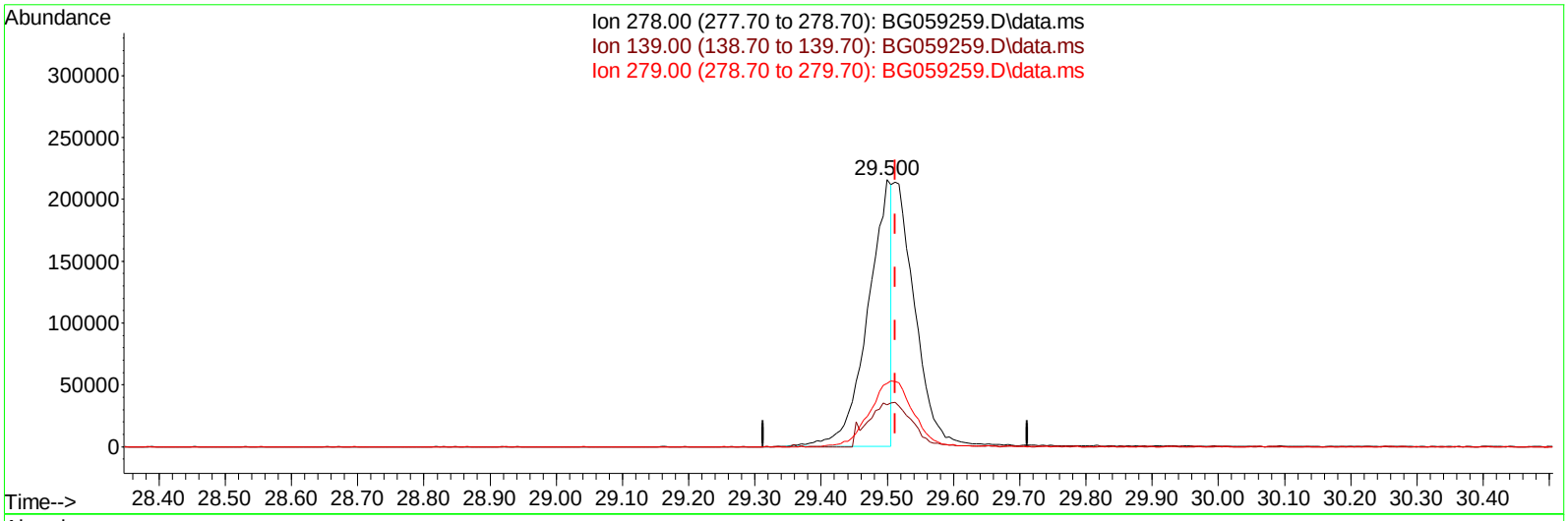
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059259.D
Acq On : 29 Sep 2023 8:34
Operator : MA/JU
Sample : 04480-19MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

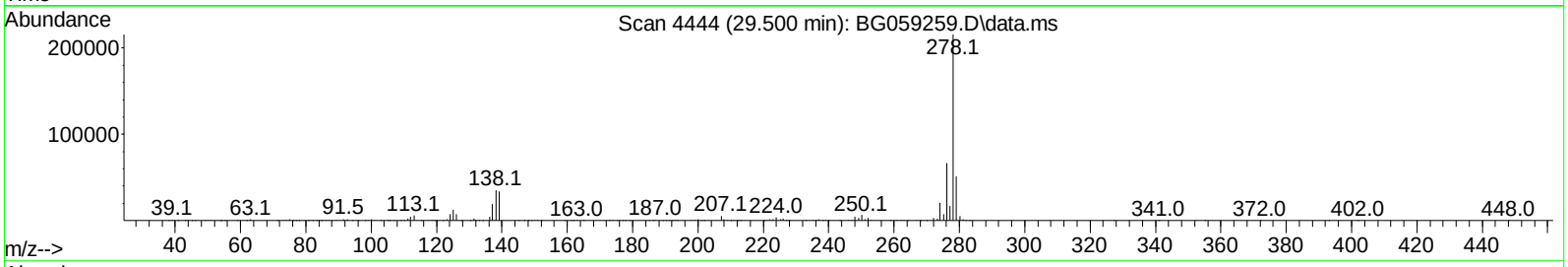
Quant Time: Sep 29 09:10:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

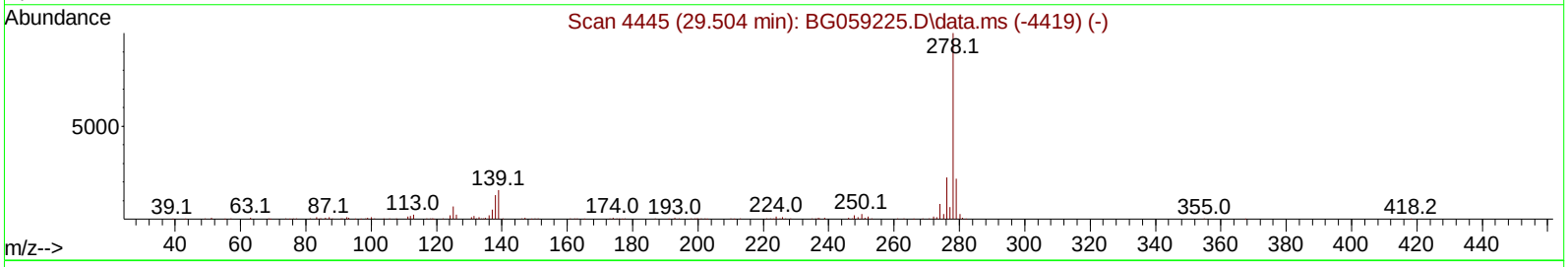
Instrument :
BNA_G
ClientSampleId :
BBJN2MSD

Manual IntegrationsAPPROVED

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







TIC: BG059259.D\data.ms

(95) Dibenzo(a,h)anthracene

29.500min (-0.012) 35.04 ng/ul

response 539687

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.10	15.75
279.00	23.20	23.79
0.00	0.00	0.00

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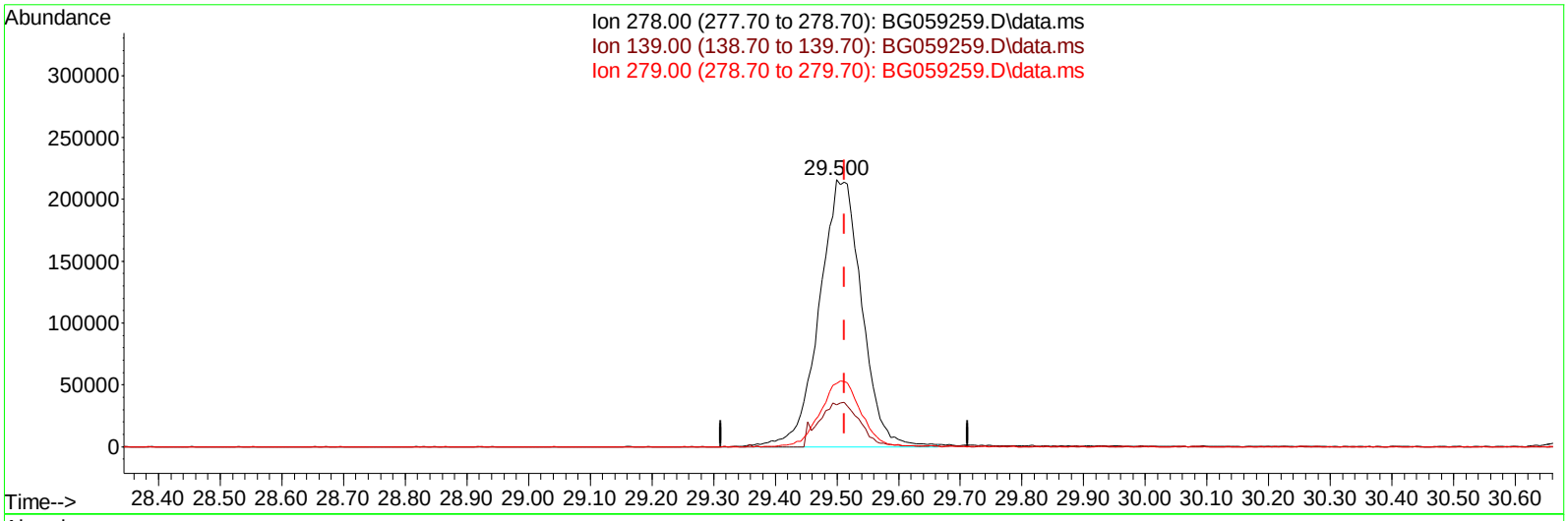

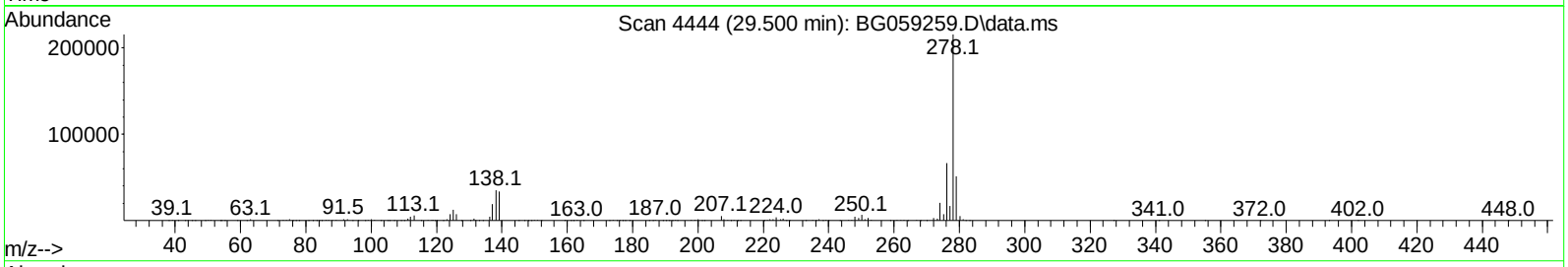

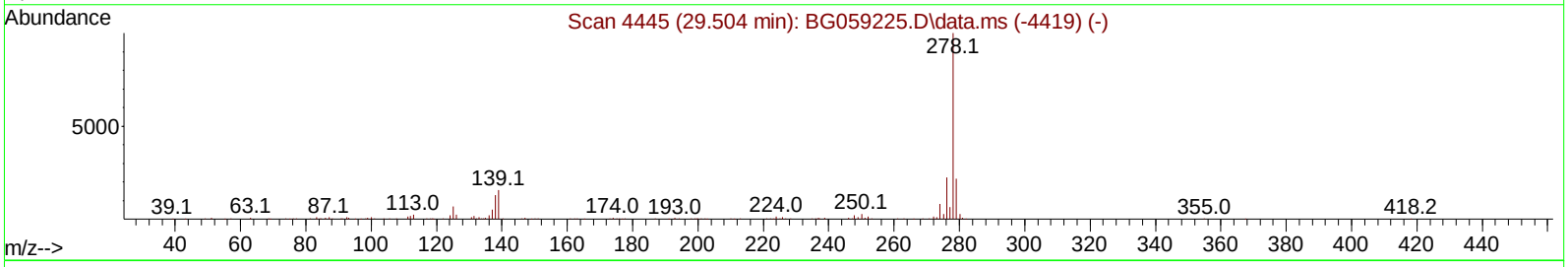

TIC: BG059259.D\data.ms

(95) Dibenzo(a,h)anthracene

29.500min (-0.012) 66.74 ng/ul m

response 1027980

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.10	15.75
279.00	23.20	23.79
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	43342	20.000	ng/ul	0.00
20) Naphthalene-d8	11.074	136	206940	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.864	164	128403	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.614	188	294736	20.000	ng/ul	0.00
79) Chrysene-d12	21.920	240	257177	20.000	ng/ul	0.00
88) Perylene-d12	25.399	264	287961	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	6179	5.381	ng/uL	0.00
4) Pyridine-d5	3.965	84	47138	14.068	ng/ul	0.00
7) Phenol-d5	7.361	99	55101	12.701	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	130912	47.236	ng/ul	0.00
11) 2-Chlorophenol-d4	7.749	132	126637	43.423	ng/ul	0.00
15) 4-Methylphenol-d8	8.930	113	90500	26.986	ng/ul	0.00
21) Nitrobenzene-d5	9.429	128	83916	57.465	ng/ul	0.00
24) 2-Nitrophenol-d4	10.152	143	89692	62.566	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.675	165	154784	52.560	ng/ul	0.00
31) 4-Chloroaniline-d4	11.221	131	190483	39.978	ng/ul	0.00
46) Dimethylphthalate-d6	14.265	166	590693	63.628	ng/ul	0.00
49) Acenaphthylene-d8	14.570	160	659336	56.583	ng/ul	0.00
54) 4-Nitrophenol-d4	15.052	143	28650	17.673	ng/ul	0.00
60) Fluorene-d10	15.857	176	535827	60.643	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.968	200	101119	66.745	ng/ul	0.00
73) Anthracene-d10	17.713	188	804280	59.888	ng/ul	0.00
81) Pyrene-d10	19.987	212	904169	62.780	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.158	264	894220	64.621	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	10427	7.728	ng/uL#	82
5) Pyridine	3.988	79	44143	12.973	ng/ul	93
6) Benzaldehyde	7.378	77	121603	63.826	ng/ul	97
8) Phenol	7.384	94	59885	13.876	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.649	93	174714	49.360	ng/ul	96
12) 2-Chlorophenol	7.784	128	132279	43.019	ng/ul#	92
13) 2-Methylphenol	8.659	108	102221	31.349	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.742	45	382815	48.923	ng/ul	97
16) Acetophenone	9.077	105	258578	49.785	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.041	70	132720	50.376	ng/ul	94
18) 4-Methylphenol	8.994	108	100126	28.982	ng/ul	100
19) Hexachloroethane	9.317	117	61828	51.039	ng/ul#	85
22) Nitrobenzene	9.476	77	201348	55.856	ng/ul	96
23) Isophorone	9.981	82	415171	53.559	ng/ul	99
25) 2-Nitrophenol	10.181	139	92189	58.365	ng/ul#	89
26) 2,4-Dimethylphenol	10.210	107	92039	27.252	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.463	93	255539	52.247	ng/ul	99
29) 2,4-Dichlorophenol	10.704	162	155888	53.252	ng/ul	98
30) Naphthalene	11.127	128	585798	52.796	ng/ul	98
32) 4-Chloroaniline	11.245	127	186283	40.885	ng/ul	95
33) Hexachlorobutadiene	11.350	225	106589	54.405	ng/ul	95
34) Caprolactam	12.038	113	10918	10.779	ng/ul	86
35) 4-Chloro-3-methylphenol	12.320	107	159062	50.926	ng/ul	96

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.708	142	388526	53.452 ng/ul	95
37) 1-Methylnaphthalene	12.925	142	387301	52.499 ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.054	216	206892	53.819 ng/ul	99
40) Hexachlorocyclopentadiene	13.007	237	98179	41.403 ng/ul	96
41) 2,4,6-Trichlorophenol	13.295	196	141207	59.997 ng/ul	90
42) 2,4,5-Trichlorophenol	13.371	196	155371	62.913 ng/ul	97
43) 1,1'-Biphenyl	13.701	154	582265	56.149 ng/ul	96
44) 2-Chloronaphthalene	13.753	162	437663	56.056 ng/ul	98
45) 2-Nitroaniline	13.977	65	157696	71.604 ng/ul	96
47) Dimethylphthalate	14.312	163	588689	61.910 ng/ul	99
48) 2,6-Dinitrotoluene	14.458	165	126307	78.099 ng/ul	91
50) Acenaphthylene	14.599	152	732176	58.866 ng/ul	98
51) 3-Nitroaniline	14.793	138	113819	65.194 ng/ul#	99
52) Acenaphthene	14.934	153	506012	59.270 ng/ul	94
53) 2,4-Dinitrophenol	14.993	184	61869	68.819 ng/ul#	84
55) 4-Nitrophenol	15.070	109	20671	18.076 ng/ul	91
56) Dibenzofuran	15.263	168	684809	60.513 ng/ul	97
57) 2,4-Dinitrotoluene	15.234	165	176372	73.652 ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.475	232	146362	65.465 ng/ul	93
59) Diethylphthalate	15.657	149	589763	64.157 ng/ul	94
61) Fluorene	15.910	166	590594	62.154 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.892	204	290749	61.382 ng/ul	97
63) 4-Nitroaniline	15.963	138	112021	69.722 ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.986	198	110765	69.340 ng/ul#	85
67) N-Nitrosodiphenylamine	16.115	169	469127	59.712 ng/ul	95
68) 4-Bromophenyl-phenylether	16.791	248	180559	63.236 ng/ul	97
69) Hexachlorobenzene	16.885	284	203544	63.100 ng/ul	95
70) Atrazine	17.050	200	158321	52.996 ng/ul	98
71) Pentachlorophenol	17.238	266	114855	61.866 ng/ul	90
72) Phenanthrene	17.661	178	1012039	62.569 ng/ul	98
74) Anthracene	17.755	178	1022023	61.193 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.659	216	206506	53.168 ng/uL	96
76) Pentachlorobenzene	15.158	250	209709	54.682 ng/uL	97
77) Carbazole	18.031	167	889306	65.331 ng/ul	99
78) Di-n-butylphthalate	18.530	149	1078324	66.826 ng/ul	100
80) Fluoranthene	19.652	202	1154435	65.068 ng/ul	99
82) Pyrene	20.023	202	1195751	63.629 ng/ul	99
83) Butylbenzylphthalate	20.874	149	463491	69.939 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.809	252	304339	51.099 ng/ul	95
85) Benzo(a)anthracene	21.897	228	1160396	64.096 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.726	149	684427	68.013 ng/ul	98
87) Chrysene	21.967	228	1071642	62.674 ng/ul	99
89) Di-n-octyl phthalate	23.025	149	1160437	69.290 ng/ul	100
90) Benzo(b)fluoranthene	24.276	252	1167915	66.219 ng/ul	98
91) Benzo(k)fluoranthene	24.353	252	1195175	66.879 ng/ul	99
93) Benzo(a)pyrene	25.234	252	1096125	65.513 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.423	276	1231008	64.996 ng/ul	97
95) Dibenzo(a,h)anthracene	29.500	278	1027980m	66.743 ng/ul	
96) Benzo(g,h,i)perylene	30.716	276	971850	63.108 ng/ul	95

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

Instrument :
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