Quantitation Report (Qedit)

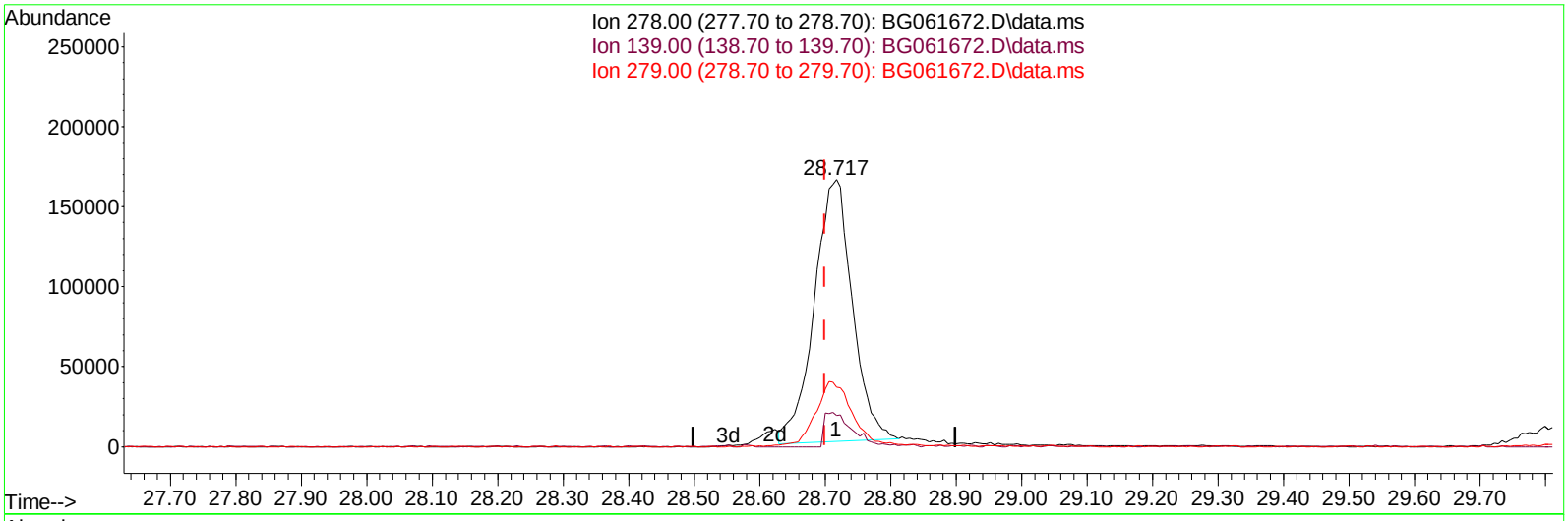
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061672.D
Acq On : 24 Jun 2024 12:37
Operator : MA/JU
Sample : P2776-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

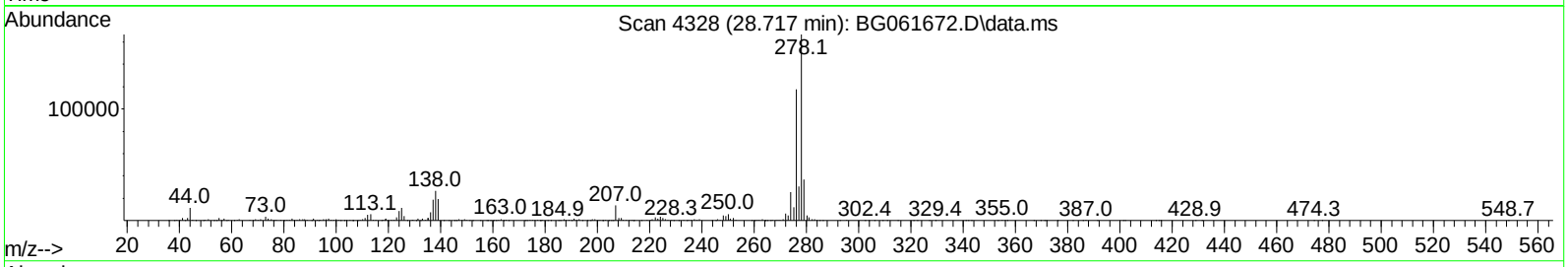
Quant Time: Jun 24 13:11:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

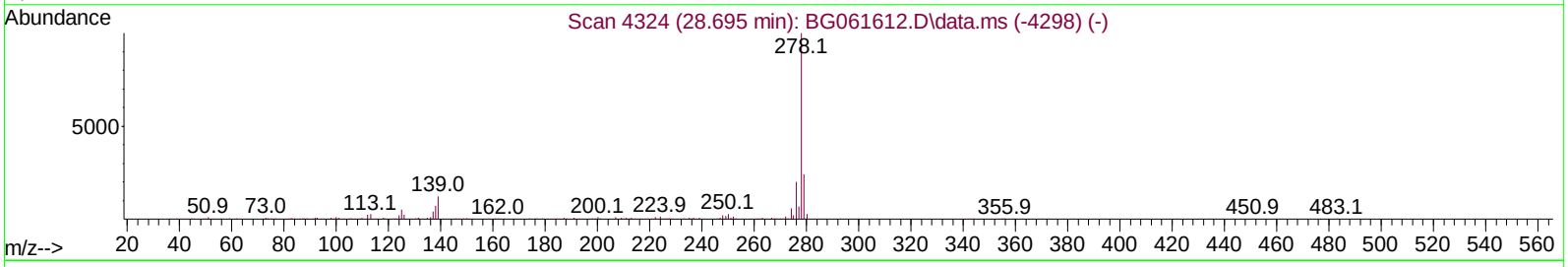
Instrument :
BNA_G
ClientSampleId :
A4DK3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024







TIC: BG061672.D\data.ms

(95) Dibenzo(a,h)anthracene

28.717min (+ 0.018) 24.01 ng/ul

response 663540

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	11.69
279.00	23.30	22.19
0.00	0.00	0.00

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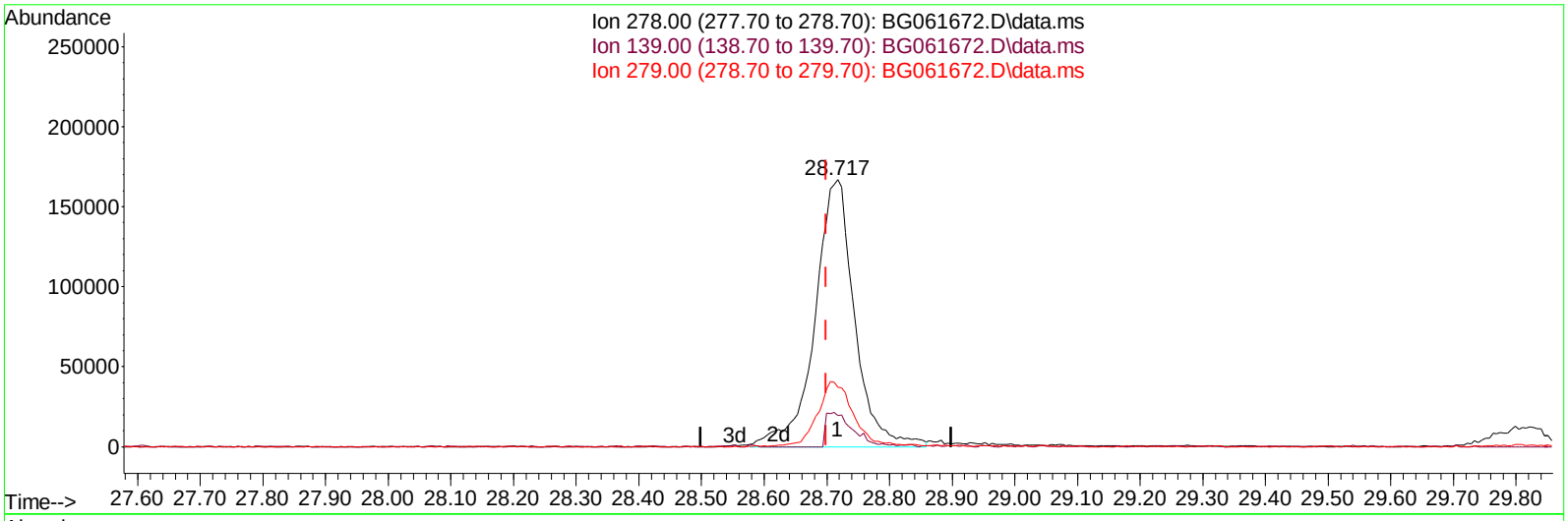

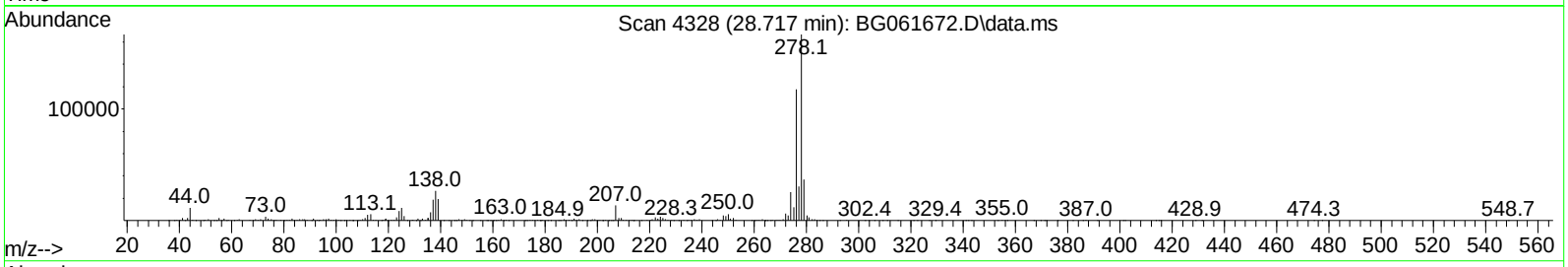

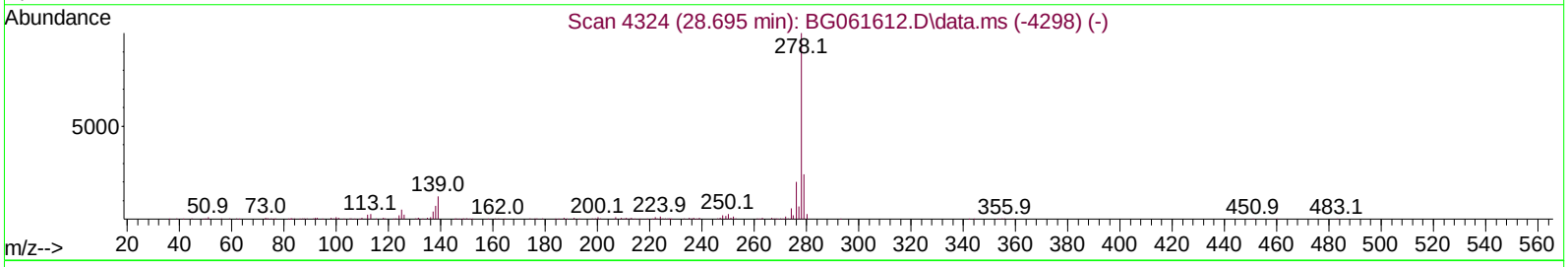

TIC: BG061672.D\data.ms

(95) Dibenzo(a,h)anthracene

28.717min (+ 0.018) 26.62 ng/ul m

response 735790

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	11.69
279.00	23.30	22.19
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	8.077	152	47443	20.000	ng/ul	0.00
20) Naphthalene-d8	10.891	136	233943	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	168128	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	453252	20.000	ng/ul	0.00
79) Chrysene-d12	21.720	240	371581	20.000	ng/ul	0.00
88) Perylene-d12	24.945	264	460907	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	6502	4.951	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.219	99	109253	21.213	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	67688	21.082	ng/ul	0.00
11) 2-Chlorophenol-d4	7.601	132	77861	22.030	ng/ul	0.00
15) 4-Methylphenol-d8	8.770	113	75594	18.986	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	38191	24.043	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	41647	25.887	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.503	165	95798	25.147	ng/ul	0.01
31) 4-Chloroaniline-d4	11.015	131	100005	17.339	ng/ul	0.00
46) Dimethylphthalate-d6	14.111	166	332022	25.662	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	356457	25.140	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	65441	29.451	ng/ul	0.02
60) Fluorene-d10	15.691	176	317191	28.004	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	48023	24.778	ng/ul	0.00
73) Anthracene-d10	17.548	188	528867	25.562	ng/ul	0.00
81) Pyrene-d10	19.828	212	593639	28.601	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.722	264	585987	26.619	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.248	94	357208	65.907	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.495	93	538795	132.079	ng/ul	97
12) 2-Chlorophenol	7.636	128	95489	26.930	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.882	70	251340	71.366	ng/ul	98
22) Nitrobenzene	9.281	77	148299	32.408	ng/ul	98
25) 2-Nitrophenol	9.998	139	157981	93.908	ng/ul#	83
27) Bis(2-Chloroethoxy)met...	10.298	93	662256	111.243	ng/ul	97
29) 2,4-Dichlorophenol	10.527	162	374241	107.224	ng/ul	98
30) Naphthalene	10.944	128	1777267	135.774	ng/ul	99
35) 4-Chloro-3-methylphenol	12.149	107	609199	124.817	ng/ul	97
41) 2,4,6-Trichlorophenol	13.136	196	353205	115.053	ng/ul	92
42) 2,4,5-Trichlorophenol	13.206	196	412415	123.251	ng/ul	92
48) 2,6-Dinitrotoluene	14.275	165	262357	123.058	ng/ul#	92
50) Acenaphthylene	14.434	152	1949043	123.142	ng/ul	97
52) Acenaphthene	14.769	153	1076153	98.179	ng/ul	95
55) 4-Nitrophenol	14.904	109	395422	172.325	ng/ul	98
56) Dibenzofuran	15.104	168	1242749	81.020	ng/ul	91
59) Diethylphthalate	15.521	149	1720915	130.055	ng/ul	96
61) Fluorene	15.756	166	925921	72.940	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.744	204	837636	132.921	ng/ul	99
71) Pentachlorophenol	17.090	266	454136	131.638	ng/ul	96
74) Anthracene	17.589	178	2872597	117.804	ng/ul	95
78) Di-n-butylphthalate	18.412	149	1465782	59.193	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Fluoranthene	19.499	202	2666253	110.712	ng/ul	98
82) Pyrene	19.863	202	3210556	125.378	ng/ul	99
83) Butylbenzylphthalate	20.750	149	1581675	169.644	ng/ul	98
85) Benzo(a)anthracene	21.696	228	1921142	73.655	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.620	149	1927566	140.648	ng/ul	95
87) Chrysene	21.767	228	3394953	137.556	ng/ul	96
91) Benzo(k)fluoranthene	23.994	252	1831992	64.293	ng/ul	99
93) Benzo(a)pyrene	24.793	252	884759	33.170	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.665	276	3024397	90.990	ng/ul	96
95) Dibenzo(a,h)anthracene	28.717	278	735790m	26.621	ng/ul	
96) Benzo(g,h,i)perylene	29.810	276	2727355	101.790	ng/ul	97

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

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