Quantitation Report (Qedit)

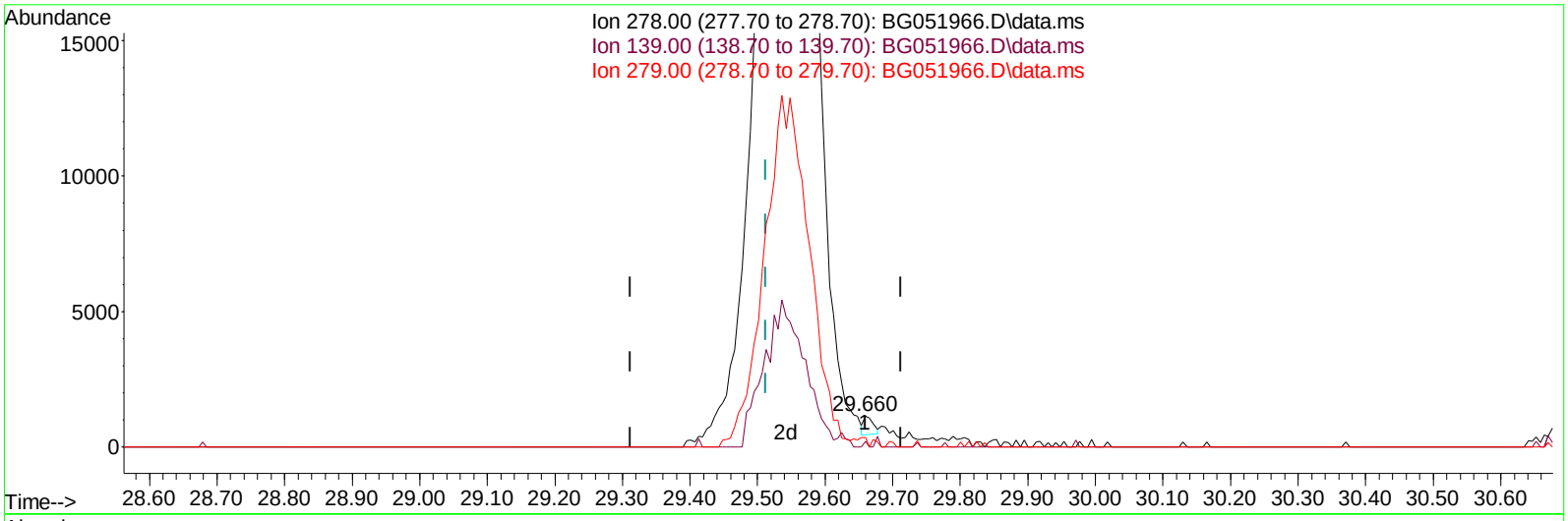
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011222\
Data File : BG051966.D
Acq On : 13 Jan 2022 11:39
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

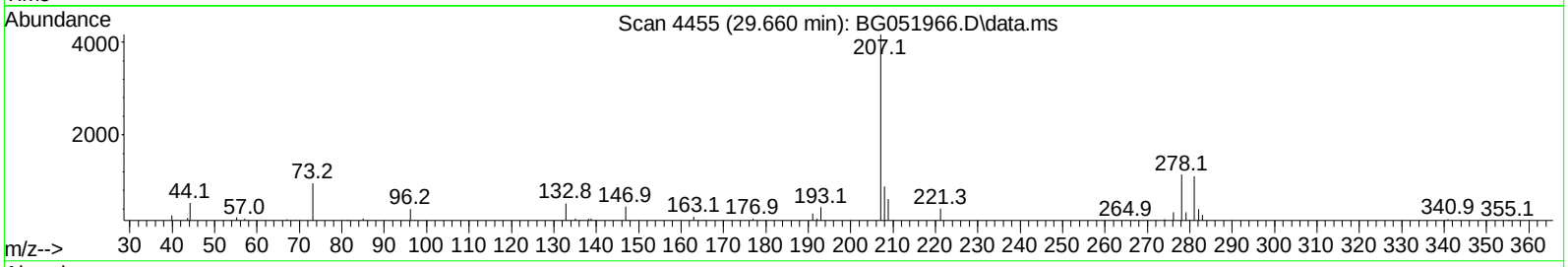
Quant Time: Jan 13 12:38:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

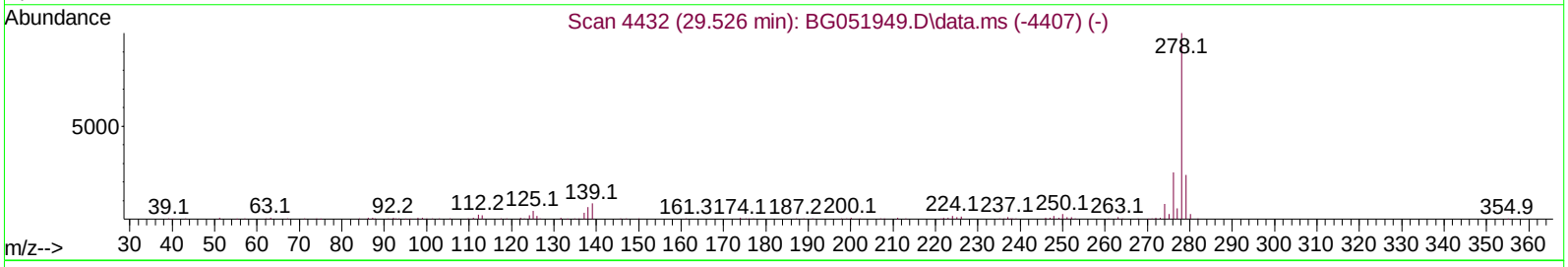
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022







TIC: BG051966.D\data.ms

(95) Dibenzo(a,h)anthracene

29.660min (+ 0.147) 0.05 ng/ul

response 645

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.30	16.75
279.00	24.40	28.86
0.00	0.00	0.00

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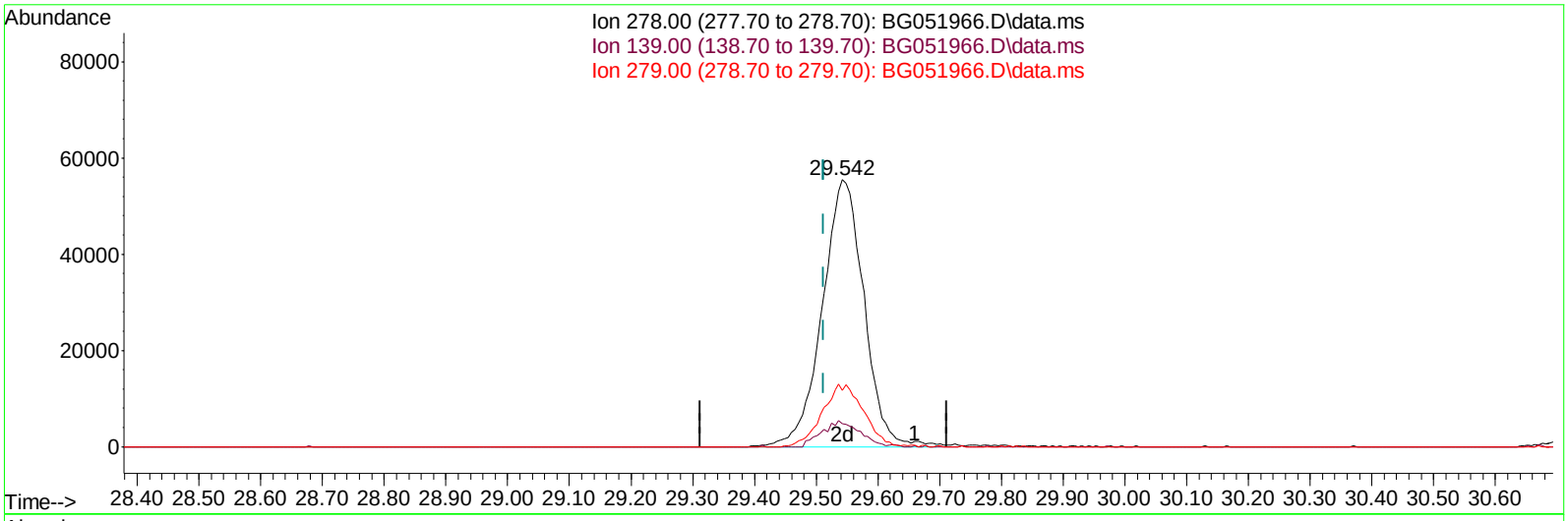

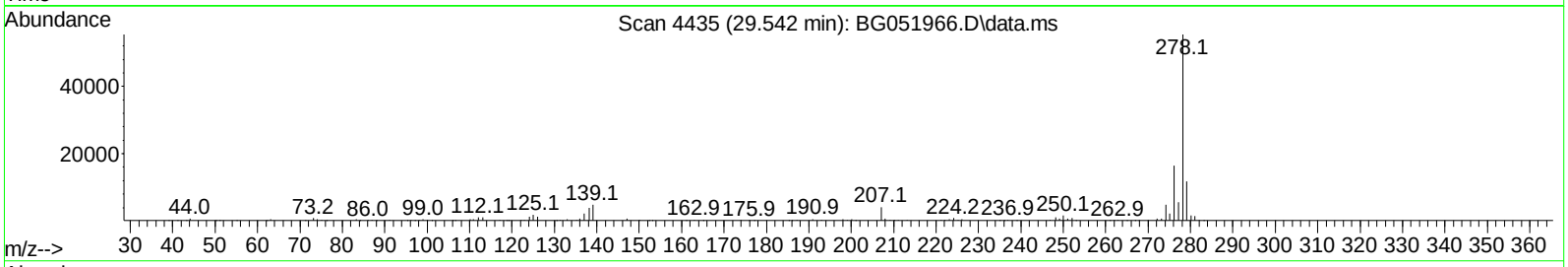

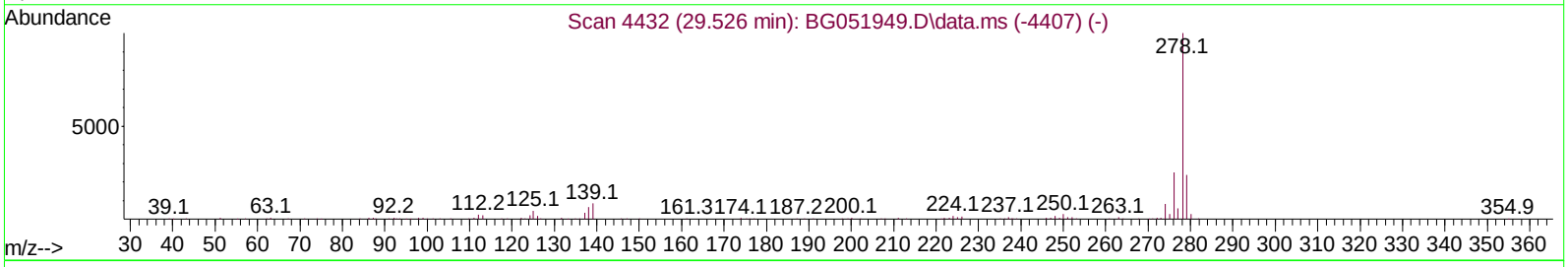

TIC: BG051966.D\data.ms

(95) Dibenzo(a,h)anthracene

29.542min (+ 0.030) 19.57 ng/ul m

response 260217

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.30	8.61#
279.00	24.40	21.21
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	8.253	152	24485	20.000	ng/ul	0.00
20) Naphthalene-d8	11.097	136	100419	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.897	164	76620	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.641	188	215349	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.964	240	213779	20.000	ng/ul	# 0.00
88) Perylene-d12	25.454	264	218956	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.571	96	4839	7.062	ng/uL	0.00
4) Pyridine-d5	4.006	84	38525	18.086	ng/ul	0.00
7) Phenol-d5	7.396	99	43643	18.212	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.566	67	26701	17.552	ng/ul	0.00
11) 2-Chlorophenol-d4	7.783	132	30064	18.948	ng/ul	0.00
15) 4-Methylphenol-d8	8.958	113	33468	17.966	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	16059	20.238	ng/ul	0.00
24) 2-Nitrophenol-d4	10.163	143	18052	20.570	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.709	165	34021	19.833	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	46206	19.343	ng/ul	0.00
46) Dimethylphthalate-d6	14.286	166	122481	19.339	ng/ul	0.00
49) Acenaphthylene-d8	14.592	160	148175	19.369	ng/ul	0.00
54) 4-Nitrophenol-d4	15.073	143	22817	21.549	ng/ul	0.00
60) Fluorene-d10	15.884	176	110962	20.095	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.990	200	24085	17.729	ng/ul	0.00
73) Anthracene-d10	17.740	188	202119	19.785	ng/ul	0.00
81) Pyrene-d10	20.020	212	258502	21.011	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.213	264	223767	19.413	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.613	88	5082	6.428	ng/uL#	89
5) Pyridine	4.024	79	39441	17.674	ng/ul	95
6) Benzaldehyde	7.378	77	32605	20.453	ng/ul	97
8) Phenol	7.419	94	43911	17.952	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.654	93	31968	17.854	ng/ul	94
12) 2-Chlorophenol	7.819	128	30479	18.883	ng/ul	98
13) 2-Methylphenol	8.694	108	31966	17.972	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.782	45	48173	17.639	ng/ul	99
16) Acetophenone	9.082	105	52457	17.842	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.058	70	31809	17.709	ng/ul	89
18) 4-Methylphenol	9.023	108	34258	17.780	ng/ul	96
19) Hexachloroethane	9.358	117	12753	18.301	ng/ul	96
22) Nitrobenzene	9.469	77	44650	18.142	ng/ul	97
23) Isophorone	9.998	82	86254	18.537	ng/ul	98
25) 2-Nitrophenol	10.192	139	17478	18.122	ng/ul#	85
26) 2,4-Dimethylphenol	10.245	107	39969	19.099	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.474	93	44340	18.508	ng/ul	99
29) 2,4-Dichlorophenol	10.732	162	33022	19.602	ng/ul	97
30) Naphthalene	11.144	128	104580	19.219	ng/ul	97
32) 4-Chloroaniline	11.243	127	47730	19.606	ng/ul	94
33) Hexachlorobutadiene	11.437	225	23846	17.758	ng/ul	93
34) Caprolactam	11.984	113	14595	22.260	ng/ul	95
35) 4-Chloro-3-methylphenol	12.354	107	39438	20.276	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.741	142	75702	19.531	ng/ul	98
37) 1-Methylnaphthalene	12.953	142	78190	19.656	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.100	216	48391	18.263	ng/ul	96
40) Hexachlorocyclopentadiene	13.088	237	26983	14.841	ng/ul	96
41) 2,4,6-Trichlorophenol	13.335	196	31220	18.643	ng/ul	93
42) 2,4,5-Trichlorophenol	13.405	196	35547	19.690	ng/ul	99
43) 1,1'-Biphenyl	13.728	154	110410	18.666	ng/ul#	94
44) 2-Chloronaphthalene	13.775	162	84281	18.398	ng/ul	97
45) 2-Nitroaniline	13.969	65	33974	19.352	ng/ul	93
47) Dimethylphthalate	14.333	163	118655	19.001	ng/ul	97
48) 2,6-Dinitrotoluene	14.451	165	25784	19.583	ng/ul	92
50) Acenaphthylene	14.621	152	144158	19.136	ng/ul	97
51) 3-Nitroaniline	14.786	138	27460	23.055	ng/ul#	94
52) Acenaphthene	14.962	153	96726	19.311	ng/ul	98
53) 2,4-Dinitrophenol	14.991	184	11569	14.903	ng/ul	90
55) 4-Nitrophenol	15.085	109	23555	19.386	ng/ul	82
56) Dibenzofuran	15.291	168	139677	19.201	ng/ul	99
57) 2,4-Dinitrotoluene	15.238	165	40468	21.258	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.514	232	34036	20.326	ng/ul#	92
59) Diethylphthalate	15.690	149	127808	19.837	ng/ul	98
61) Fluorene	15.943	166	121145	19.985	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.925	204	64927	19.301	ng/ul	91
63) 4-Nitroaniline	15.943	138	28976	23.679	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.002	198	22153	17.056	ng/ul	100
67) N-Nitrosodiphenylamine	16.137	169	108528	18.755	ng/ul	96
68) 4-Bromophenyl-phenylether	16.824	248	46963	18.628	ng/ul#	89
69) Hexachlorobenzene	16.953	284	52669	18.837	ng/ul#	88
70) Atrazine	17.077	200	53642	19.981	ng/ul	97
71) Pentachlorophenol	17.288	266	26850	17.195	ng/ul	92
72) Phenanthrene	17.688	178	215305	19.081	ng/ul	99
74) Anthracene	17.776	178	216911	19.203	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.705	216	50540	15.626	ng/uL	97
76) Pentachlorobenzene	15.214	250	55595	17.661	ng/uL	96
77) Carbazole	18.040	167	206125	20.252	ng/ul	98
78) Di-n-butylphthalate	18.586	149	239889	19.939	ng/ul	99
80) Fluoranthene	19.685	202	293102	20.615	ng/ul#	91
82) Pyrene	20.049	202	289866	20.707	ng/ul#	89
83) Butylbenzylphthalate	20.919	149	101076	20.748	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.841	252	101259	20.519	ng/ul#	97
85) Benzo(a)anthracene	21.941	228	276234	19.648	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.823	149	143222	20.102	ng/ul#	99
87) Chrysene	22.011	228	261761	19.335	ng/ul	97
89) Di-n-octyl phthalate	23.133	149	237692	19.652	ng/ul	100
90) Benzo(b)fluoranthene	24.332	252	283131	19.512	ng/ul#	95
91) Benzo(k)fluoranthene	24.408	252	262920	19.597	ng/ul#	96
93) Benzo(a)pyrene	25.289	252	266873	19.434	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.472	276	305719	19.448	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.542	278	260217m	19.570	ng/ul	
96) Benzo(g,h,i)perylene	30.729	276	256031	19.371	ng/ul#	91

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

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