Quantitation Report (Qedit)

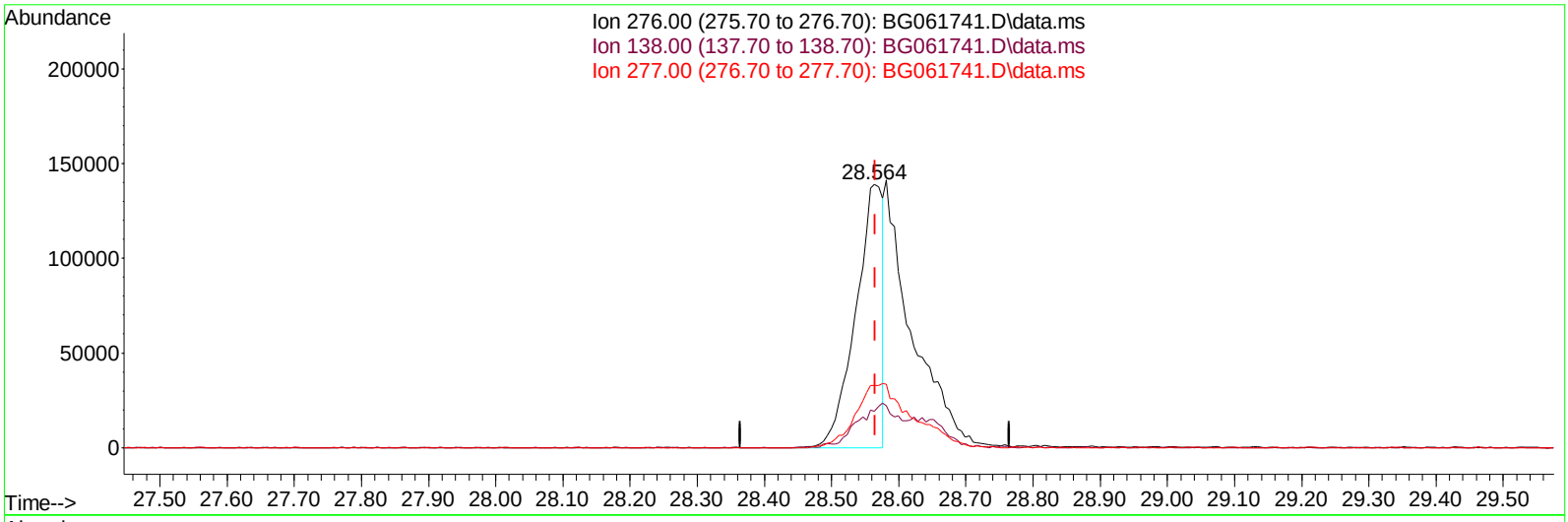
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061741.D
Acq On : 27 Jun 2024 16:19
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

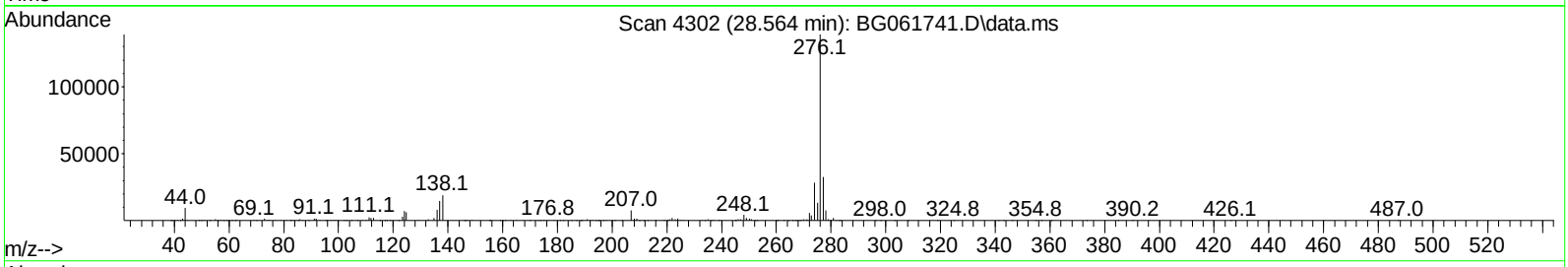
Quant Time: Jun 27 17:32:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

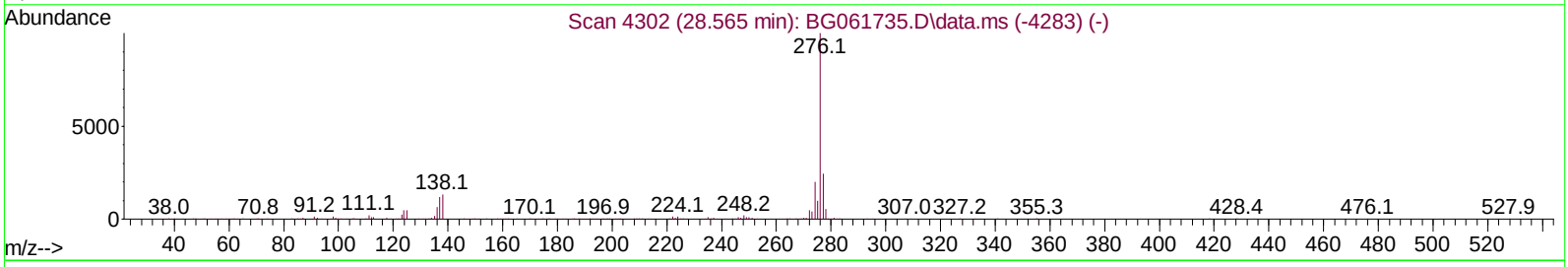
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024







TIC: BG061741.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.564min (-0.001) 10.46 ng/ul

response 387719

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	13.72
277.00	24.60	23.61
0.00	0.00	0.00

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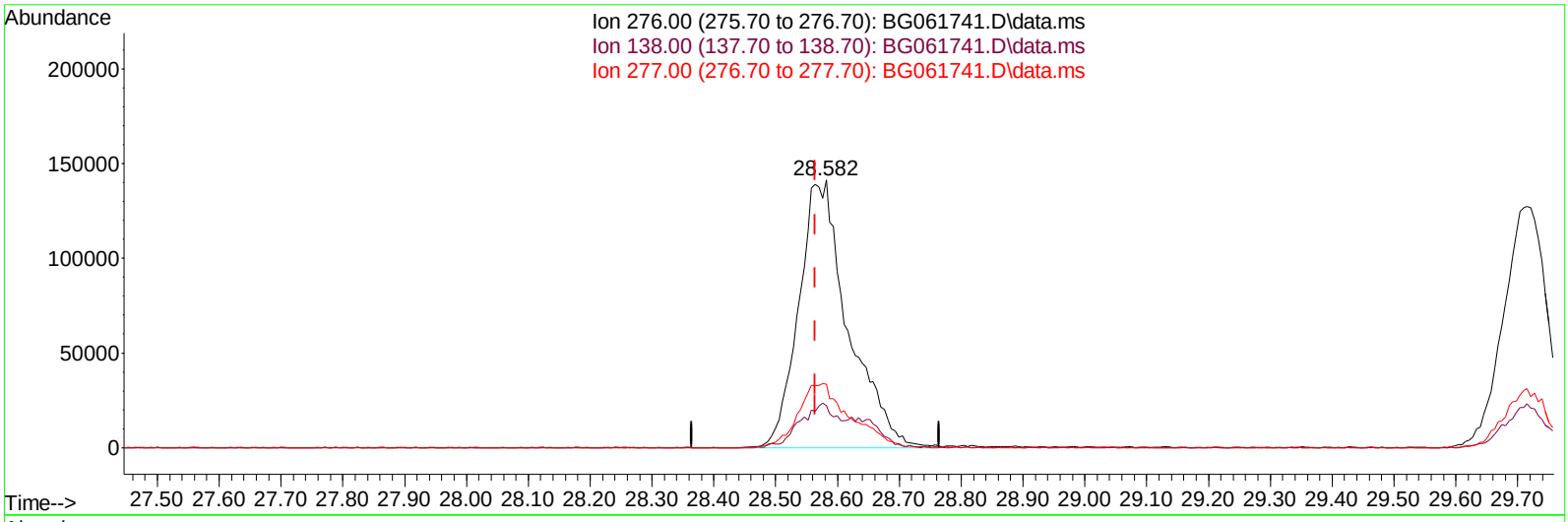

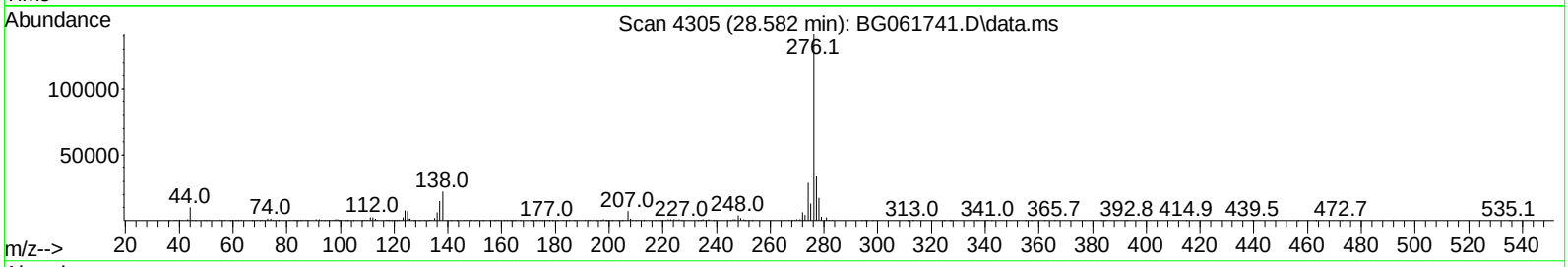

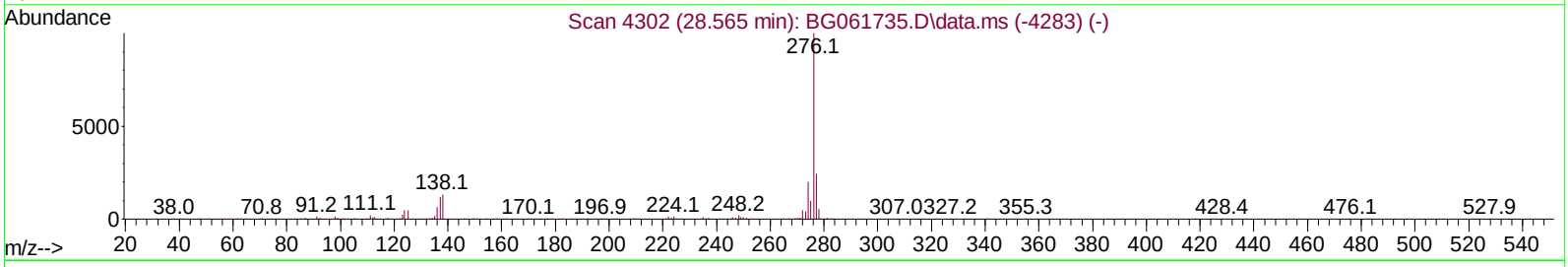

TIC: BG061741.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.582min (+ 0.017) 21.08 ng/ul m

response 781575

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	15.60
277.00	24.60	23.74
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	8.059	152	73206	20.000	ng/ul	0.00
20) Naphthalene-d8	10.867	136	345853	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	234028	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.430	188	551625	20.000	ng/ul	0.00
79) Chrysene-d12	21.696	240	463852	20.000	ng/ul	0.00
88) Perylene-d12	24.909	264	514130	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	18198	8.980	ng/uL	0.00
4) Pyridine-d5	3.869	84	126876	20.708	ng/ul	0.00
7) Phenol-d5	7.201	99	157095	19.767	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.383	67	101186	20.425	ng/ul	0.00
11) 2-Chlorophenol-d4	7.583	132	110534	20.268	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	119883	19.513	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	51286	21.839	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	59071	24.836	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.479	165	118095	20.970	ng/ul	0.00
31) 4-Chloroaniline-d4	11.002	131	172279	20.205	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	367053	20.381	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	415576	21.056	ng/ul	0.00
54) 4-Nitrophenol-d4	14.862	143	63969	20.682	ng/ul	0.00
60) Fluorene-d10	15.679	176	322949	20.484	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	48716	20.653	ng/ul	0.00
73) Anthracene-d10	17.530	188	537764	21.357	ng/ul	0.00
81) Pyrene-d10	19.810	212	589337	22.746	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.692	264	523615	21.324	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.493	88	21196	8.416	ng/uL	86
5) Pyridine	3.893	79	137177	20.827	ng/ul	98
6) Benzaldehyde	7.189	77	98552	25.200	ng/ul	98
8) Phenol	7.230	94	160430	19.183	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.477	93	123010	19.542	ng/ul	96
12) 2-Chlorophenol	7.618	128	111316	20.345	ng/ul	90
13) 2-Methylphenol	8.487	108	113729	19.437	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.581	45	274103	21.314	ng/ul	98
16) Acetophenone	8.881	105	189953	18.777	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.864	70	103446	19.036	ng/ul#	92
18) 4-Methylphenol	8.817	108	122526	18.692	ng/ul	97
19) Hexachloroethane	9.146	117	46749	21.310	ng/ul	91
22) Nitrobenzene	9.263	77	148061	21.886	ng/ul	96
23) Isophorone	9.786	82	306782	19.719	ng/ul	99
25) 2-Nitrophenol	9.980	139	58839	23.658	ng/ul#	86
26) 2,4-Dimethylphenol	10.027	107	146296	21.032	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.274	93	183489	20.848	ng/ul	96
29) 2,4-Dichlorophenol	10.509	162	108677	21.062	ng/ul	97
30) Naphthalene	10.920	128	394136	20.367	ng/ul	98
32) 4-Chloroaniline	11.026	127	163944	19.387	ng/ul	93
33) Hexachlorobutadiene	11.202	225	83858	23.528	ng/ul	94
34) Caprolactam	11.784	113	40615	19.036	ng/ul	89
35) 4-Chloro-3-methylphenol	12.130	107	137767	19.093	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.518	142	268995	19.700	ng/ul	98
37) 1-Methylnaphthalene	12.741	142	282480	19.388	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.876	216	146760	22.158	ng/ul	97
40) Hexachlorocyclopentadiene	12.859	237	84291	21.389	ng/ul	93
41) 2,4,6-Trichlorophenol	13.117	196	98607	23.075	ng/ul	91
42) 2,4,5-Trichlorophenol	13.188	196	102817	22.075	ng/ul	95
43) 1,1'-Biphenyl	13.523	154	371819	21.933	ng/ul	97
44) 2-Chloronaphthalene	13.564	162	281065	21.584	ng/ul	98
45) 2-Nitroaniline	13.764	65	103967	23.323	ng/ul	93
47) Dimethylphthalate	14.140	163	344669	19.273	ng/ul#	98
48) 2,6-Dinitrotoluene	14.257	165	67687	22.808	ng/ul#	93
50) Acenaphthylene	14.410	152	458939	20.831	ng/ul	98
51) 3-Nitroaniline	14.586	138	67376	22.170	ng/ul#	85
52) Acenaphthene	14.751	153	312524	20.483	ng/ul	97
53) 2,4-Dinitrophenol	14.792	184	27094	17.966	ng/ul#	82
55) 4-Nitrophenol	14.880	109	64182	20.094	ng/ul	95
56) Dibenzofuran	15.086	168	437945	20.512	ng/ul	95
57) 2,4-Dinitrotoluene	15.039	165	97562	22.148	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.303	232	93340	20.438	ng/ul	99
59) Diethylphthalate	15.497	149	368205	19.991	ng/ul	97
61) Fluorene	15.732	166	363657	20.581	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.726	204	179388	20.451	ng/ul	95
63) 4-Nitroaniline	15.744	138	74846	23.247	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.797	198	54723	20.482	ng/ul	98
67) N-Nitrosodiphenylamine	15.938	169	303065	21.245	ng/ul	98
68) 4-Bromophenyl-phenylether	16.619	248	124725	21.960	ng/ul	96
69) Hexachlorobenzene	16.731	284	145945	21.174	ng/ul	91
70) Atrazine	16.884	200	123762	21.721	ng/ul	99
71) Pentachlorophenol	17.072	266	83596	19.910	ng/ul	97
72) Phenanthrene	17.471	178	604625	20.834	ng/ul	99
74) Anthracene	17.565	178	616468	20.773	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.488	216	142857	23.245	ng/ul	98
76) Pentachlorobenzene	14.998	250	159939	21.671	ng/ul	93
77) Carbazole	17.829	167	541778	21.501	ng/ul	99
78) Di-n-butylphthalate	18.394	149	673001	22.331	ng/ul	99
80) Fluoranthene	19.475	202	704900	23.447	ng/ul	99
82) Pyrene	19.839	202	730659	22.857	ng/ul	98
83) Butylbenzylphthalate	20.726	149	305076	26.212	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.590	252	235310	23.992	ng/ul	94
85) Benzo(a)anthracene	21.672	228	700625	21.518	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.590	149	426232	24.914	ng/ul#	99
87) Chrysene	21.737	228	646650	20.989	ng/ul	96
89) Di-n-octyl phthalate	22.806	149	700981	25.850	ng/ul	100
90) Benzo(b)fluoranthene	23.887	252	659903	21.352	ng/ul	99
91) Benzo(k)fluoranthene	23.958	252	659751	20.757	ng/ul	99
93) Benzo(a)pyrene	24.757	252	626133	21.044	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.582	276	781575m	21.080	ng/ul	
95) Dibenzo(a,h)anthracene	28.640	278	641369	20.803	ng/ul	98
96) Benzo(g,h,i)perylene	29.716	276	629549	21.064	ng/ul	96

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

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