Quantitation Report (Qedit)

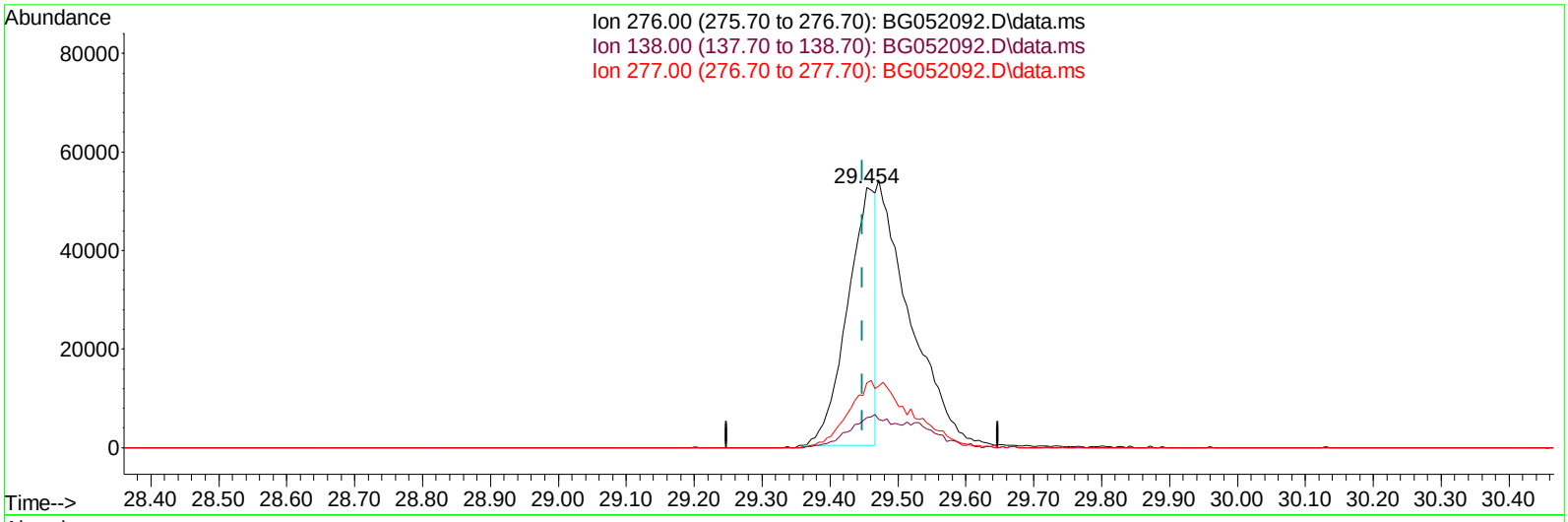
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
Data File : BG052092.D
Acq On : 20 Jan 2022 3:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

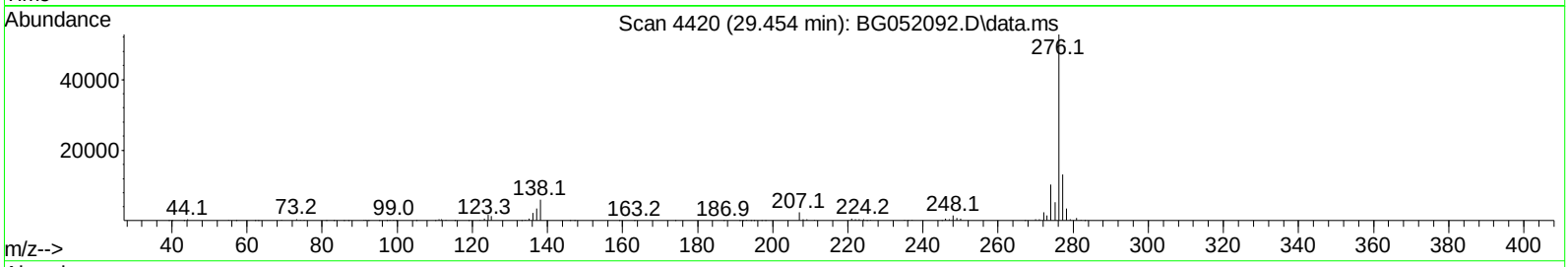
Quant Time: Jan 20 12:41:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

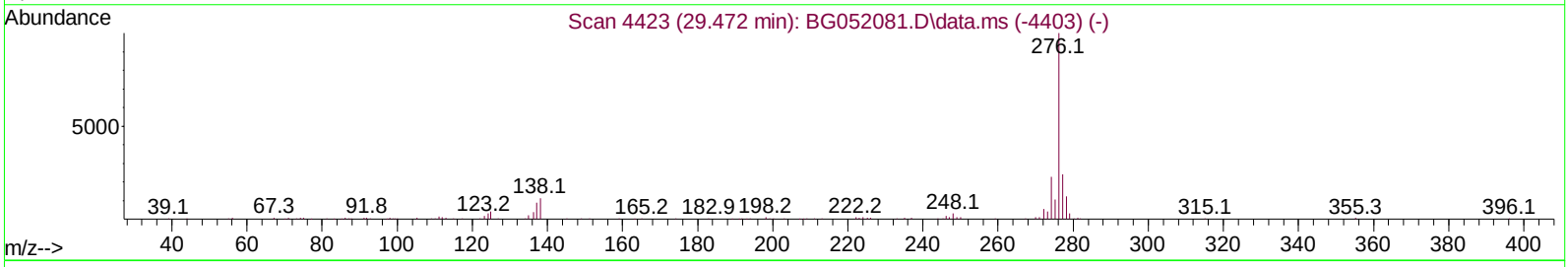
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :Yogesh Patel 01/23/2022







TIC: BG052092.D\data.ms

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

29.454min (+ 0.007) 9.19 ng/ul

response 148836

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	11.55#
277.00	25.60	24.88
0.00	0.00	0.00

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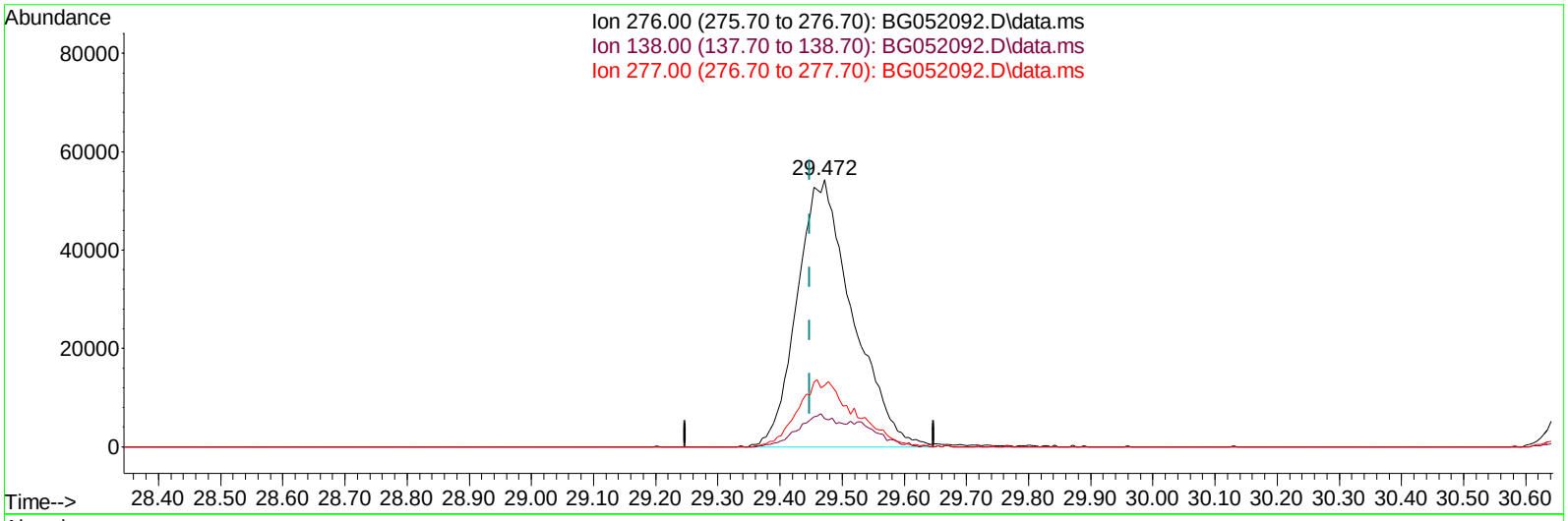

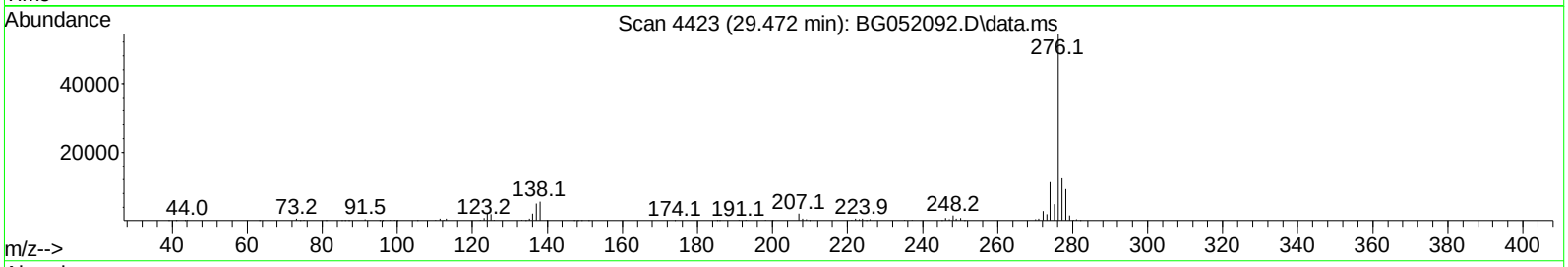

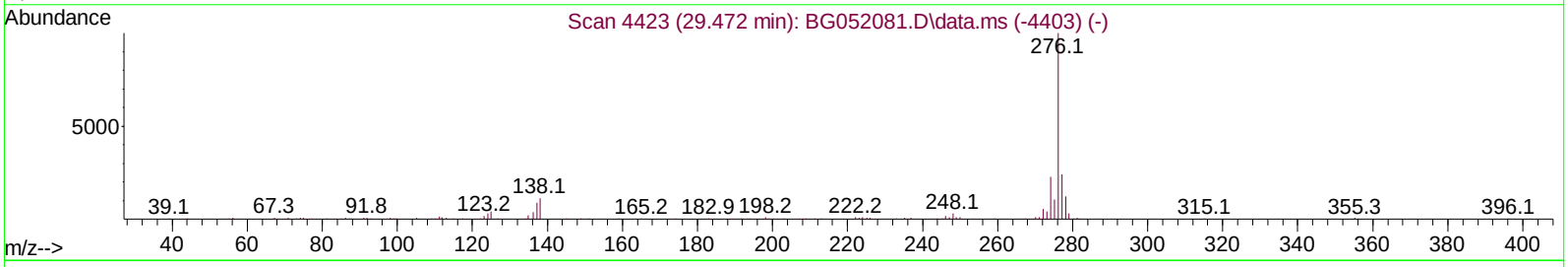

TIC: BG052092.D\data.ms

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

29.472min (+ 0.024) 20.74 ng/ul m

response 335837

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	10.53#
277.00	25.60	23.08
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	8.242	152	32159	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.085	136	136868	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.892	164	98474	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.635	188	233579	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.959	240	221809	20.000	ng/ul	# 0.00
88) Perylene-d12	25.448	264	225582	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.572	96	6197	6.886	ng/uL	0.00
4) Pyridine-d5	3.995	84	47334	16.919	ng/ul	-0.01
7) Phenol-d5	7.384	99	59022	18.752	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	35723	17.879	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.772	132	42403	20.348	ng/ul	0.00
15) 4-Methylphenol-d8	8.947	113	47773	19.525	ng/ul	0.00
21) Nitrobenzene-d5	9.417	128	21717	20.080	ng/ul	0.00
24) 2-Nitrophenol-d4	10.145	143	25917	21.668	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.697	165	50497	21.599	ng/ul	0.00
31) 4-Chloroaniline-d4	11.208	131	62356	19.152	ng/ul	0.00
46) Dimethylphthalate-d6	14.275	166	152004	18.675	ng/ul	0.00
49) Acenaphthylene-d8	14.580	160	197888	20.126	ng/ul	0.00
54) 4-Nitrophenol-d4	15.068	143	22438	16.488	ng/ul	0.00
60) Fluorene-d10	15.879	176	135713	19.123	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.984	200	27171	18.439	ng/ul	0.00
73) Anthracene-d10	17.735	188	224452	20.257	ng/ul	0.00
81) Pyrene-d10	20.014	212	263314	20.627	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.201	264	245263	20.653	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.607	88	6971	6.713	ng/uL	92
5) Pyridine	4.018	79	50630	17.274	ng/ul	94
6) Benzaldehyde	7.367	77	41744	19.937	ng/ul	94
8) Phenol	7.414	94	61012	18.991	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.643	93	43529	18.510	ng/ul	95
12) 2-Chlorophenol	7.801	128	44723	21.096	ng/ul	93
13) 2-Methylphenol	8.682	108	45487	19.471	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.776	45	61403	17.118	ng/ul	98
16) Acetophenone	9.070	105	70303	18.206	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.047	70	42281	17.922	ng/ul	98
18) 4-Methylphenol	9.011	108	47698	18.848	ng/ul	97
19) Hexachloroethane	9.352	117	17778	19.424	ng/ul#	71
22) Nitrobenzene	9.458	77	62404	18.603	ng/ul#	96
23) Isophorone	9.981	82	114635	18.076	ng/ul	98
25) 2-Nitrophenol	10.180	139	27383	20.831	ng/ul	96
26) 2,4-Dimethylphenol	10.233	107	58210	20.408	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.462	93	59787	18.310	ng/ul	99
29) 2,4-Dichlorophenol	10.727	162	46088	20.072	ng/ul	97
30) Naphthalene	11.138	128	148466	20.018	ng/ul	96
32) 4-Chloroaniline	11.232	127	62706	18.898	ng/ul	94
33) Hexachlorobutadiene	11.420	225	36700	20.052	ng/ul	99
34) Caprolactam	11.978	113	16124	18.043	ng/ul	92
35) 4-Chloro-3-methylphenol	12.342	107	53012	19.996	ng/ul	94

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.730	142	107420	20.333 ng/ul	97
37) 1-Methylnaphthalene	12.947	142	108077	19.934 ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.094	216	69200	20.321 ng/ul	99
40) Hexachlorocyclopentadiene	13.077	237	34747	14.870 ng/ul	92
41) 2,4,6-Trichlorophenol	13.329	196	43398	20.163 ng/ul	97
42) 2,4,5-Trichlorophenol	13.400	196	48828	21.045 ng/ul	97
43) 1,1'-Biphenyl	13.723	154	152545	20.066 ng/ul#	94
44) 2-Chloronaphthalene	13.770	162	118499	20.127 ng/ul	95
45) 2-Nitroaniline	13.958	65	40825	18.093 ng/ul	98
47) Dimethylphthalate	14.322	163	147247	18.346 ng/ul	98
48) 2,6-Dinitrotoluene	14.445	165	32152	19.000 ng/ul	92
50) Acenaphthylene	14.616	152	192795	19.913 ng/ul	95
51) 3-Nitroaniline	14.780	138	32429	21.185 ng/ul	97
52) Acenaphthene	14.950	153	128027	19.888 ng/ul	98
53) 2,4-Dinitrophenol	14.986	184	15981	16.018 ng/ul	93
55) 4-Nitrophenol	15.080	109	25383	16.254 ng/ul	89
56) Dibenzofuran	15.285	168	181075	19.367 ng/ul	96
57) 2,4-Dinitrotoluene	15.232	165	46661	19.072 ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.509	232	40791	18.954 ng/ul	90
59) Diethylphthalate	15.685	149	149679	18.076 ng/ul	95
61) Fluorene	15.931	166	152024	19.513 ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.920	204	83623	19.342 ng/ul	91
63) 4-Nitroaniline	15.937	138	31975	20.331 ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.002	198	24343	17.280 ng/ul	98
67) N-Nitrosodiphenylamine	16.131	169	133272	21.234 ng/ul	96
68) 4-Bromophenyl-phenylether	16.813	248	56710	20.739 ng/ul#	90
69) Hexachlorobenzene	16.948	284	63185	20.834 ng/ul#	91
70) Atrazine	17.071	200	56978	19.567 ng/ul	96
71) Pentachlorophenol	17.283	266	31900	18.835 ng/ul	98
72) Phenanthrene	17.682	178	241356	19.720 ng/ul	98
74) Anthracene	17.770	178	242561	19.798 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.693	216	75956	21.652 ng/uL	98
76) Pentachlorobenzene	15.209	250	75179	22.019 ng/uL	98
77) Carbazole	18.035	167	214492	19.429 ng/ul	97
78) Di-n-butylphthalate	18.581	149	253855	19.453 ng/ul	99
80) Fluoranthene	19.685	202	307985	20.877 ng/ul#	89
82) Pyrene	20.044	202	302585	20.833 ng/ul#	88
83) Butylbenzylphthalate	20.913	149	110181	21.798 ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.835	252	115308	22.520 ng/ul#	98
85) Benzo(a)anthracene	21.941	228	301700	20.683 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.818	149	153839	20.811 ng/ul#	99
87) Chrysene	22.011	228	284496	20.254 ng/ul	99
89) Di-n-octyl phthalate	23.122	149	260327	20.891 ng/ul	100
90) Benzo(b)fluoranthene	24.332	252	314683	21.049 ng/ul#	95
91) Benzo(k)fluoranthene	24.402	252	288083	20.842 ng/ul#	94
93) Benzo(a)pyrene	25.278	252	290073	20.503 ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.472	276	335837m	20.736 ng/ul	
95) Dibenzo(a,h)anthracene	29.537	278	283596	20.702 ng/ul#	90
96) Benzo(g,h,i)perylene	30.723	276	280097	20.569 ng/ul#	90

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

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