Quantitation Report (Qedit)

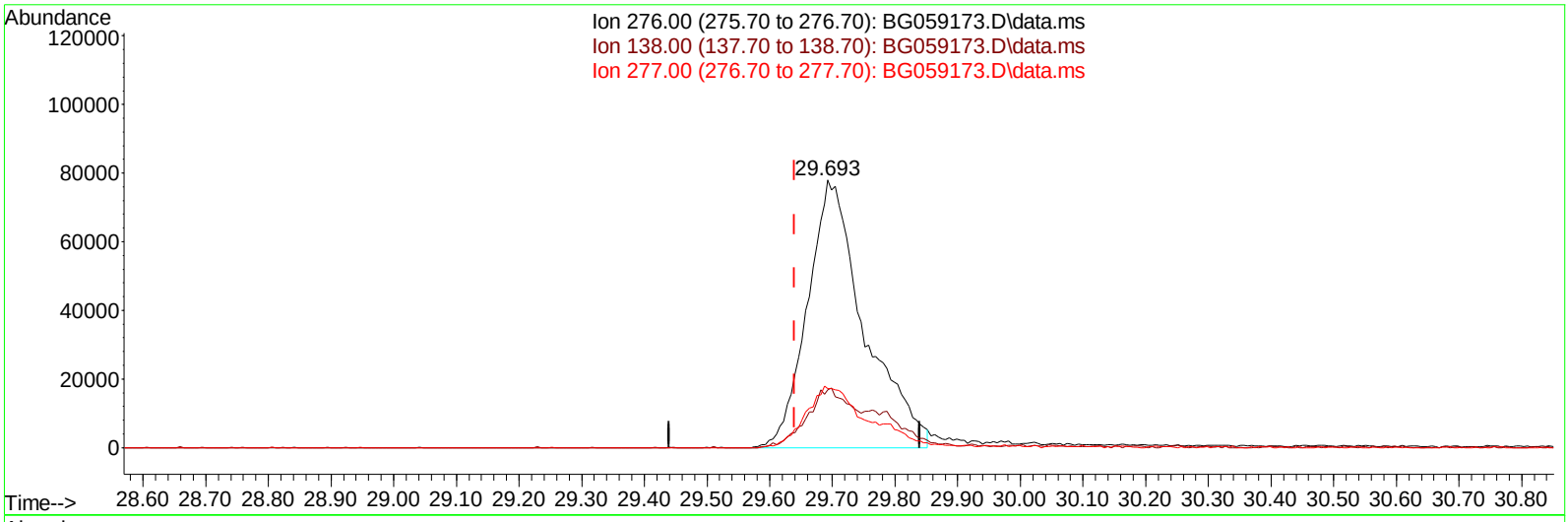
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059173.D
Acq On : 22 Sep 2023 21:26
Operator : MA/JU
Sample : PB155687BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

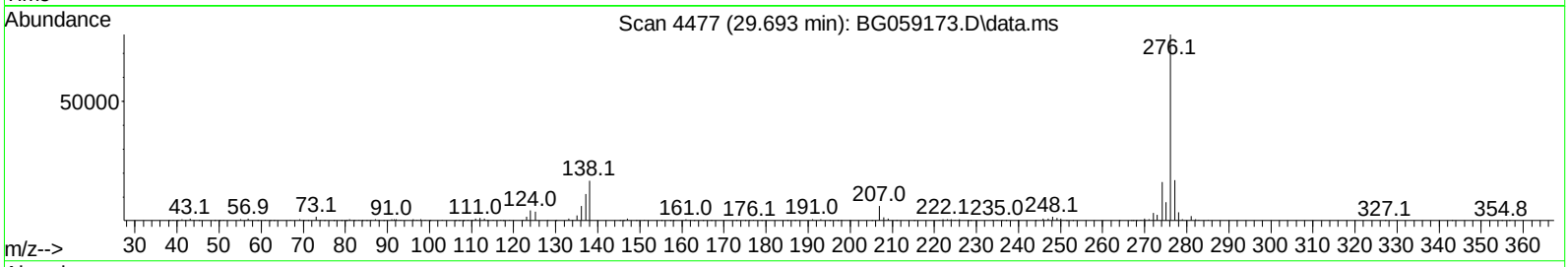
Quant Time: Sep 22 23:47:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

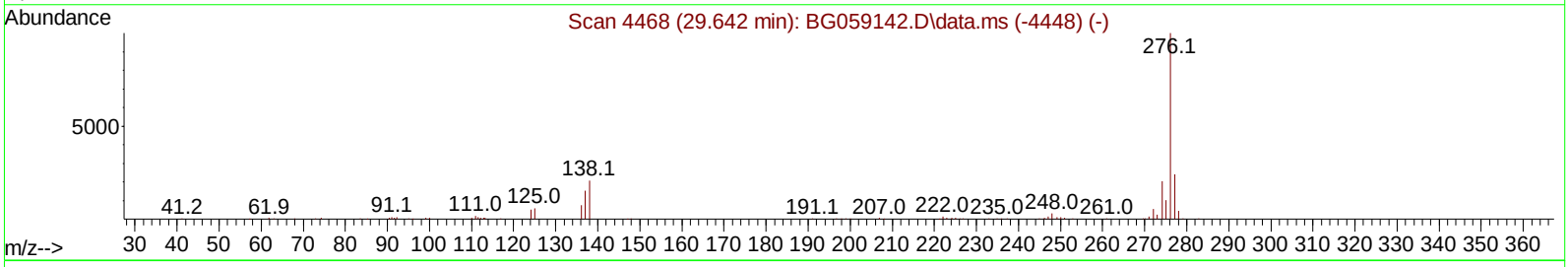
Instrument :
BNA_G
ClientSampleId :
SLCS687

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/23/2023
Supervised By :mohammad ahmed 09/23/2023







TIC: BG059173.D\data.ms

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

29.693min (+ 0.053) 40.28 ng/ul

response 490436

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	21.67
277.00	25.50	21.97
0.00	0.00	0.00

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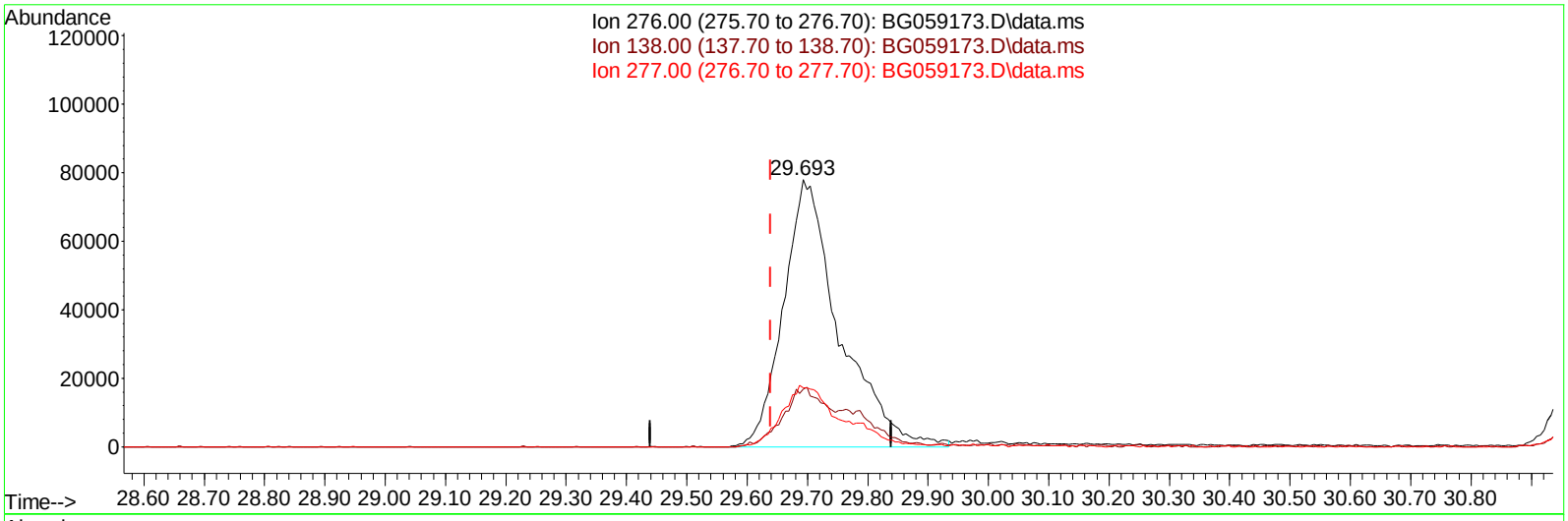

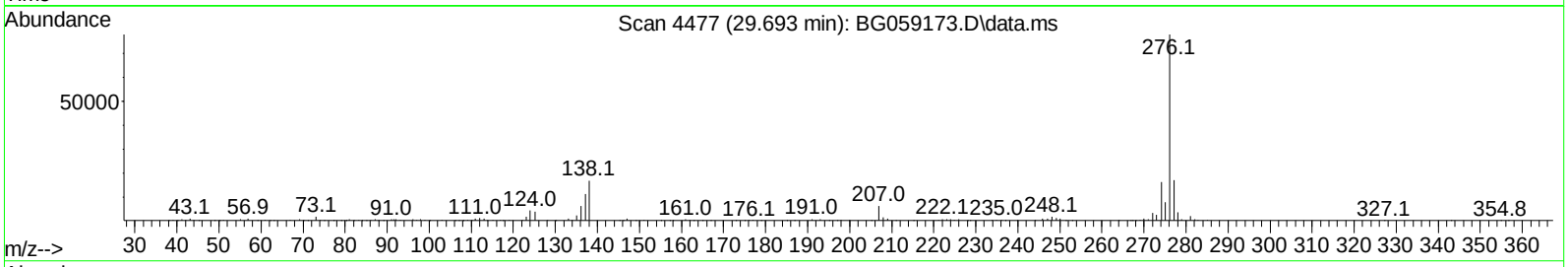

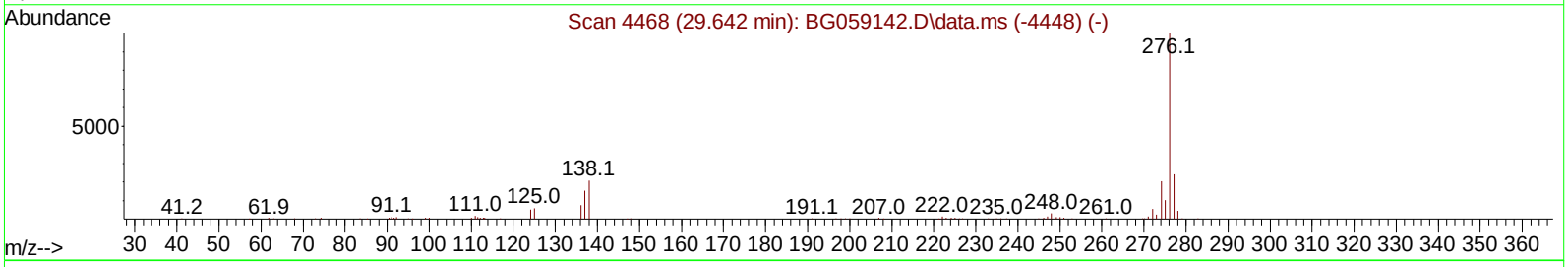

TIC: BG059173.D\data.ms

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

29.693min (+ 0.053) 41.26 ng/ul m

response 502403

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	21.67
277.00	25.50	21.97
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	8.312	152	34762	20.000	ng/ul	0.01
20) Naphthalene-d8	11.156	136	133791	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.940	164	90597	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.689	188	193064	20.000	ng/ul	0.01
79) Chrysene-d12	22.014	240	158491	20.000	ng/ul	0.02
88) Perylene-d12	25.574	264	182814	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.618	96	5242	5.902	ng/uL	0.00
4) Pyridine-d5	4.052	84	77197	29.629	ng/ul	0.00
7) Phenol-d5	7.437	99	115596	33.819	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.631	67	64578	30.787	ng/ul	0.01
11) 2-Chlorophenol-d4	7.830	132	97880	38.804	ng/ul	0.02
15) 4-Methylphenol-d8	9.011	113	111630	41.007	ng/ul	0.03
21) Nitrobenzene-d5	9.511	128	50650	49.060	ng/ul	0.02
24) 2-Nitrophenol-d4	10.228	143	55488	53.204	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.756	165	92533	46.735	ng/ul	0.02
31) 4-Chloroaniline-d4	11.303	131	118677	38.403	ng/ul	0.02
46) Dimethylphthalate-d6	14.334	166	278638	39.991	ng/ul	0.01
49) Acenaphthylene-d8	14.646	160	340030	40.080	ng/ul	0.02
54) 4-Nitrophenol-d4	15.128	143	36396	28.631	ng/ul	0.03
60) Fluorene-d10	15.927	176	256835	40.270	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	16.038	200	32156	29.296	ng/ul	0.02
73) Anthracene-d10	17.789	188	363139	41.338	ng/ul	0.01
81) Pyrene-d10	20.063	212	396113	42.759	ng/ul	0.02
92) Benzo(a)pyrene-d12	25.327	264	370809	41.540	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.659	88	12929	12.875	ng/uL	89
5) Pyridine	4.076	79	73820	27.805	ng/ul	97
6) Benzaldehyde	7.454	77	53149	29.988	ng/ul	97
8) Phenol	7.466	94	122862	34.971	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.730	93	87153	30.898	ng/ul	95
12) 2-Chlorophenol	7.866	128	103097	40.060	ng/ul	96
13) 2-Methylphenol	8.741	108	111945	42.935	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.823	45	238546	40.733	ng/ul	98
16) Acetophenone	9.158	105	158313	37.774	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.123	70	84668	39.963	ng/ul	96
18) 4-Methylphenol	9.070	108	118115	42.273	ng/ul	100
19) Hexachloroethane	9.399	117	38238	37.791	ng/ul	89
22) Nitrobenzene	9.558	77	117782	50.380	ng/ul	95
23) Isophorone	10.063	82	251431	50.153	ng/ul	97
25) 2-Nitrophenol	10.263	139	58641	50.315	ng/ul	98
26) 2,4-Dimethylphenol	10.292	107	97110	44.565	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.545	93	150294	48.188	ng/ul	98
29) 2,4-Dichlorophenol	10.786	162	95886	47.907	ng/ul	98
30) Naphthalene	11.209	128	306251	42.777	ng/ul	99
32) 4-Chloroaniline	11.326	127	116328	38.240	ng/ul	96
33) Hexachlorobutadiene	11.438	225	55720	43.252	ng/ul#	87
34) Caprolactam	12.125	113	30576	41.715	ng/ul#	54
35) 4-Chloro-3-methylphenol	12.407	107	103650	49.165	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.783	142	211870	44.310	ng/ul	100
37) 1-Methylnaphthalene	13.007	142	210465	43.574	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	13.130	216	111615	42.024	ng/ul#	96
40) Hexachlorocyclopentadiene	13.083	237	50887	30.052	ng/ul	98
41) 2,4,6-Trichlorophenol	13.377	196	80406	46.360	ng/ul	93
42) 2,4,5-Trichlorophenol	13.447	196	87622	46.705	ng/ul	97
43) 1,1'-Biphenyl	13.776	154	299422	41.406	ng/ul	95
44) 2-Chloronaphthalene	13.829	162	226709	41.059	ng/ul	95
45) 2-Nitroaniline	14.047	65	71708	40.970	ng/ul	98
47) Dimethylphthalate	14.381	163	288319	40.514	ng/ul	100
48) 2,6-Dinitrotoluene	14.528	165	60245	45.811	ng/ul#	93
50) Acenaphthylene	14.675	152	375141	41.398	ng/ul	99
51) 3-Nitroaniline	14.869	138	52587	36.241	ng/ul	99
52) Acenaphthene	15.004	153	257833	41.957	ng/ul	97
53) 2,4-Dinitrophenol	15.063	184	10286	12.981	ng/ul	91
55) 4-Nitrophenol	15.145	109	27264	32.452	ng/ul	95
56) Dibenzofuran	15.339	168	348100	42.707	ng/ul	99
57) 2,4-Dinitrotoluene	15.304	165	80084	42.240	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.545	232	76134	43.842	ng/ul	94
59) Diethylphthalate	15.727	149	283533	40.432	ng/ul	97
61) Fluorene	15.985	166	297847	42.796	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.968	204	151536	43.870	ng/ul	95
63) 4-Nitroaniline	16.027	138	37386	27.795	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	16.050	198	34713	29.342	ng/ul#	98
67) N-Nitrosodiphenylamine	16.185	169	233058	45.341	ng/ul	98
68) 4-Bromophenyl-phenylether	16.867	248	90602	48.234	ng/ul	88
69) Hexachlorobenzene	16.955	284	99794	46.383	ng/ul	95
70) Atrazine	17.119	200	87886	42.971	ng/ul	93
71) Pentachlorophenol	17.307	266	49287	35.267	ng/ul	90
72) Phenanthrene	17.736	178	469829	43.486	ng/ul	98
74) Anthracene	17.825	178	474598	42.991	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.735	216	111654	43.379	ng/uL	93
76) Pentachlorobenzene	15.228	250	109930	46.174	ng/uL	95
77) Carbazole	18.101	167	367798	40.074	ng/ul	97
78) Di-n-butylphthalate	18.606	149	488851	43.236	ng/ul	99
80) Fluoranthene	19.722	202	516601	44.751	ng/ul	99
82) Pyrene	20.092	202	541780	44.993	ng/ul	97
83) Butylbenzylphthalate	20.944	149	213027	48.977	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.902	252	155933	40.714	ng/ul	99
85) Benzo(a)anthracene	21.990	228	511628	44.463	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.820	149	328800	50.525	ng/ul#	99
87) Chrysene	22.067	228	487990	45.474	ng/ul	99
89) Di-n-octyl phthalate	23.148	149	544171	48.688	ng/ul	100
90) Benzo(b)fluoranthene	24.417	252	511450	45.912	ng/ul	99
91) Benzo(k)fluoranthene	24.499	252	519986	45.021	ng/ul	98
93) Benzo(a)pyrene	25.404	252	474937	44.362	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.693	276	502403m	41.262	ng/ul	
95) Dibenzo(a,h)anthracene	29.781	278	368509	37.661	ng/ul	97
96) Benzo(g,h,i)perylene	31.021	276	420558	42.878	ng/ul	96

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

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