Quantitation Report (Qedit)

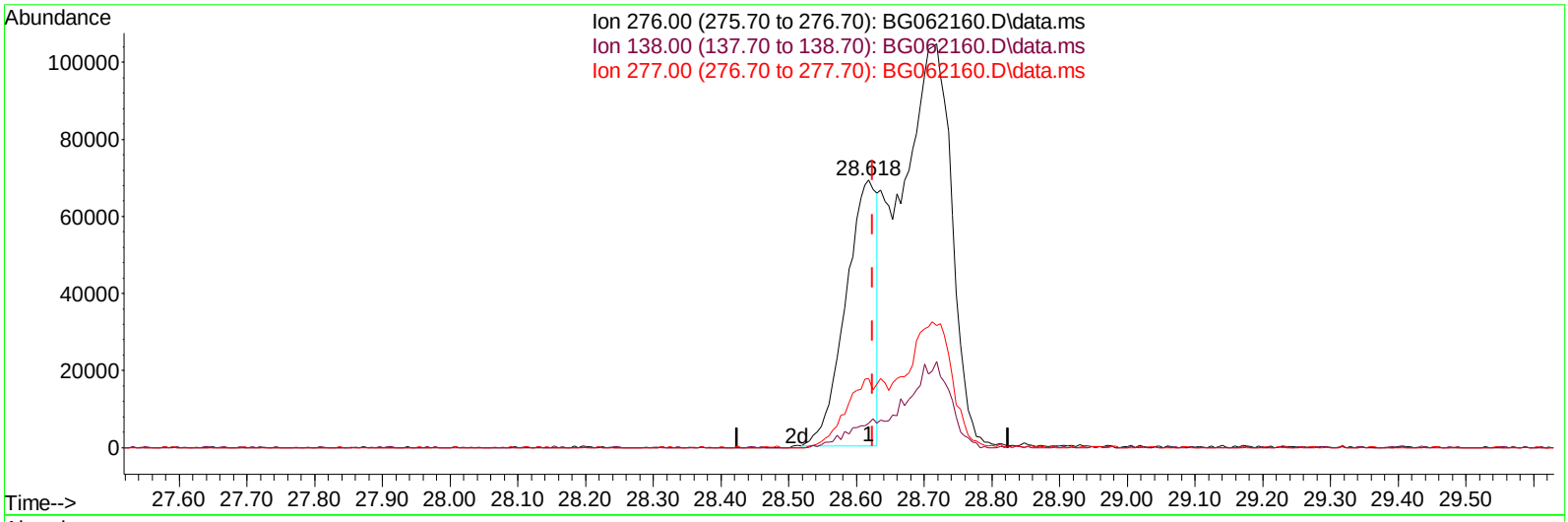
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062160.D
Acq On : 22 Jul 2024 13:26
Operator : MA/JU
Sample : P3238-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

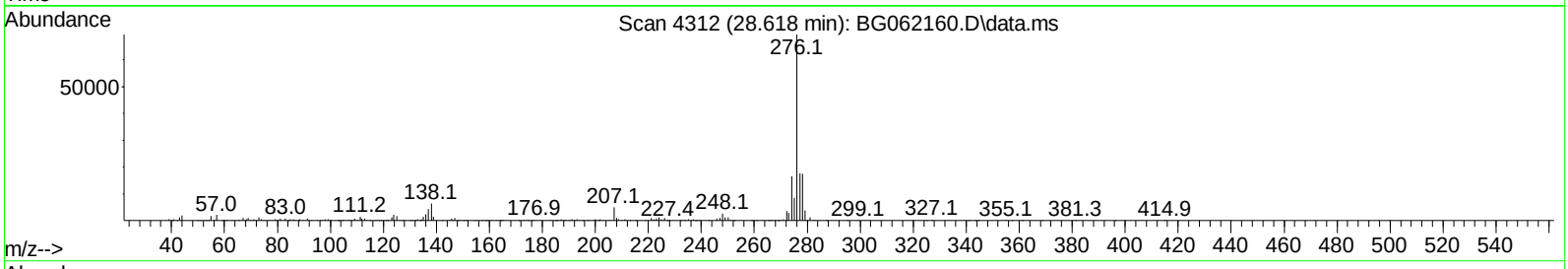
Quant Time: Jul 22 13:59:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

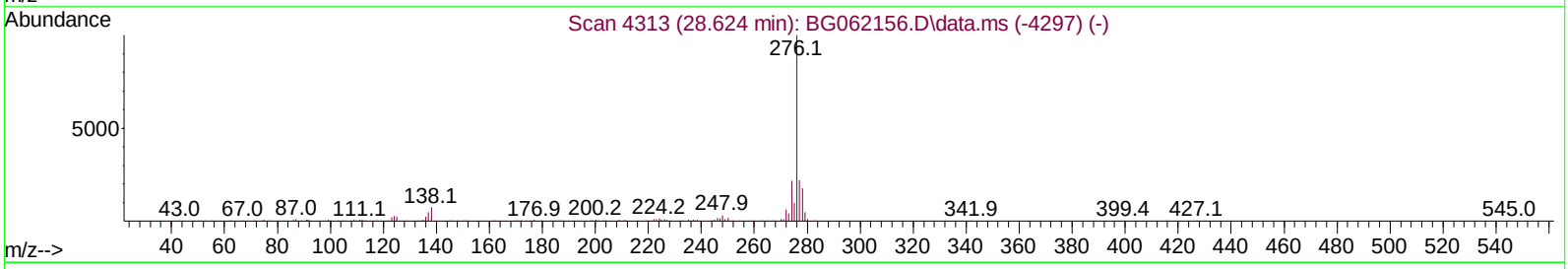
Instrument :
BNA_G
ClientSampleId :
A4DN3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024







TIC: BG062160.D\data.ms

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

28.618min (-0.006) 10.10 ng/ul

response 220324

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	9.20#
277.00	21.80	25.73
0.00	0.00	0.00

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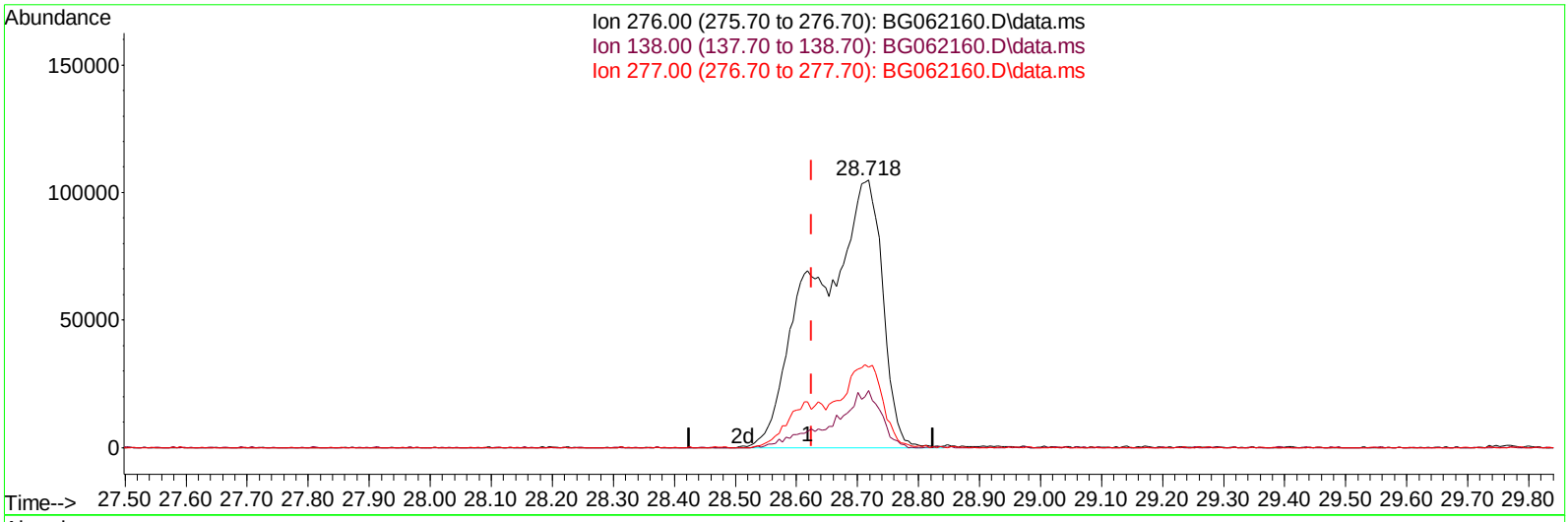

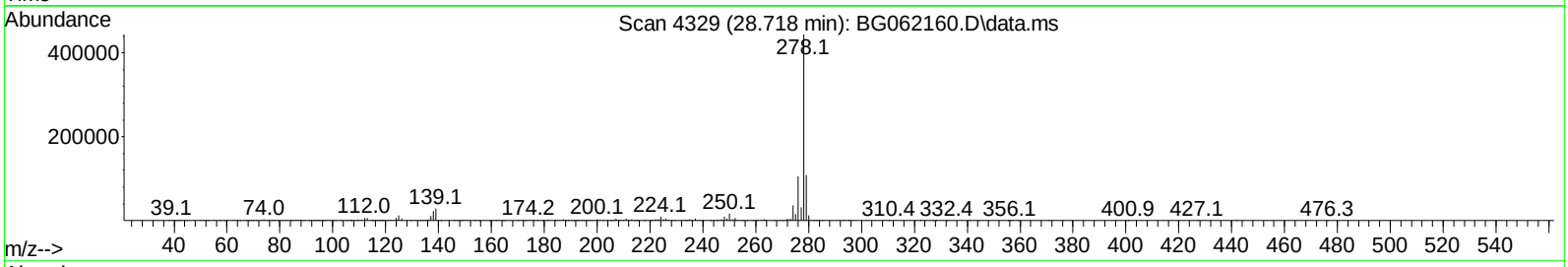

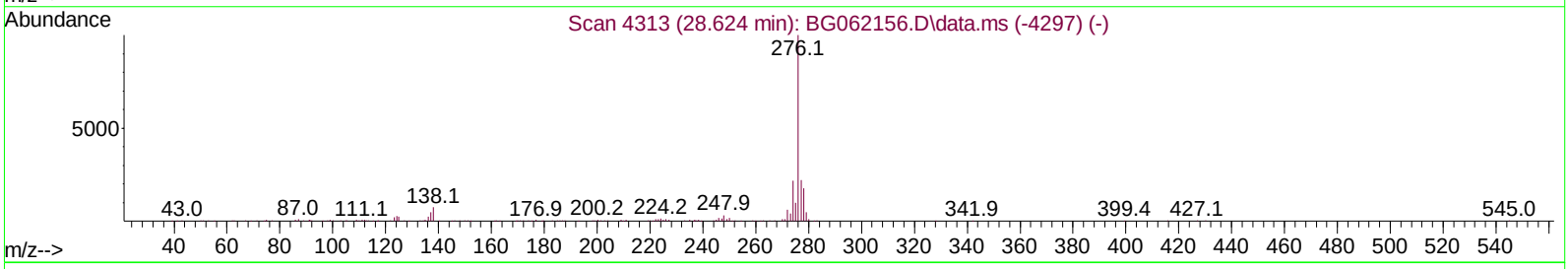

TIC: BG062160.D\data.ms

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

28.718min (+ 0.094) 36.50 ng/ul m

response 796040

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	21.29#
277.00	21.80	30.14#
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	8.064	152	34285	20.000	ng/ul	0.00
20) Naphthalene-d8	10.878	136	141926	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.696	164	117015	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	317923	20.000	ng/ul	0.00
79) Chrysene-d12	21.704	240	315557	20.000	ng/ul	0.00
88) Perylene-d12	24.929	264	328092	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	2440	3.323	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.236	99	76002	22.517	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.388	67	42463	21.896	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	44335	20.842	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	57124	22.222	ng/ul	0.00
21) Nitrobenzene-d5	9.239	128	24949	22.064	ng/ul	0.00
24) 2-Nitrophenol-d4	9.955	143	32128	23.607	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.508	165	82713	29.032	ng/ul	0.00
31) 4-Chloroaniline-d4	11.019	131	40942	11.946	ng/ul	0.00
46) Dimethylphthalate-d6	14.097	166	250717	25.278	ng/ul	0.00
49) Acenaphthylene-d8	14.391	160	274642	27.309	ng/ul	0.00
54) 4-Nitrophenol-d4	14.919	143	28202	23.596	ng/ul	0.00
60) Fluorene-d10	15.689	176	233831	27.690	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	43786	21.672	ng/ul	0.00
73) Anthracene-d10	17.539	188	409691	27.586	ng/ul	0.00
81) Pyrene-d10	19.819	212	523304	29.248	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.712	264	502720	30.652	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.265	94	157405	47.267	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.482	93	204145	89.000	ng/ul	95
12) 2-Chlorophenol	7.635	128	79863	36.980	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.875	70	381874	148.709	ng/ul	92
22) Nitrobenzene	9.280	77	353854	96.771	ng/ul	95
25) 2-Nitrophenol	9.991	139	164015	113.955	ng/ul#	82
27) Bis(2-Chloroethoxy)met...	10.279	93	298672	86.524	ng/ul	95
29) 2,4-Dichlorophenol	10.537	162	342215	126.438	ng/ul	90
35) 4-Chloro-3-methylphenol	12.164	107	413313	127.350	ng/ul	98
41) 2,4,6-Trichlorophenol	13.139	196	160400	60.602	ng/ul	93
42) 2,4,5-Trichlorophenol	13.216	196	253835	88.104	ng/ul	97
48) 2,6-Dinitrotoluene	14.273	165	168296	87.018	ng/ul#	97
52) Acenaphthene	14.761	153	1016375	139.656	ng/ul	98
55) 4-Nitrophenol	14.937	109	116107	63.468	ng/ul	90
57) 2,4-Dinitrotoluene	15.072	165	446815	150.561	ng/ul#	89
59) Diethylphthalate	15.501	149	507096	54.307	ng/ul	98
61) Fluorene	15.748	166	914079	97.270	ng/ul	100
68) 4-Bromophenyl-phenylether	16.623	248	254654	68.785	ng/ul	98
71) Pentachlorophenol	17.093	266	256044	176.738	ng/ul	97
72) Phenanthrene	17.486	178	1437551	93.964	ng/ul	98
74) Anthracene	17.575	178	496358	31.514	ng/ul	96
78) Di-n-butylphthalate	18.385	149	2149564	140.013	ng/ul#	96
80) Fluoranthene	19.490	202	1495306	72.854	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82)	Pyrene	19.860	202	3304561	154.844	ng/ul	98
83)	Butylbenzylphthalate	20.723	149	558783	88.238	ng/ul	99
85)	Benzo(a)anthracene	21.687	228	1478137	66.737	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.569	149	1071461	118.027	ng/ul	96
87)	Chrysene	21.751	228	862582	42.361	ng/ul	97
89)	Di-n-octyl phthalate	22.785	149	2120311	140.477	ng/ul	100
90)	Benzo(b)fluoranthene	23.907	252	758145	37.402	ng/ul	98
91)	Benzo(k)fluoranthene	23.978	252	1191267	58.874	ng/ul	99
93)	Benzo(a)pyrene	24.782	252	520951	27.443	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.718	276	796040m	36.498	ng/ul	
95)	Dibenzo(a,h)anthracene	28.712	278	2082546	115.151	ng/ul	98

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

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