Quantitation Report (Qedit)

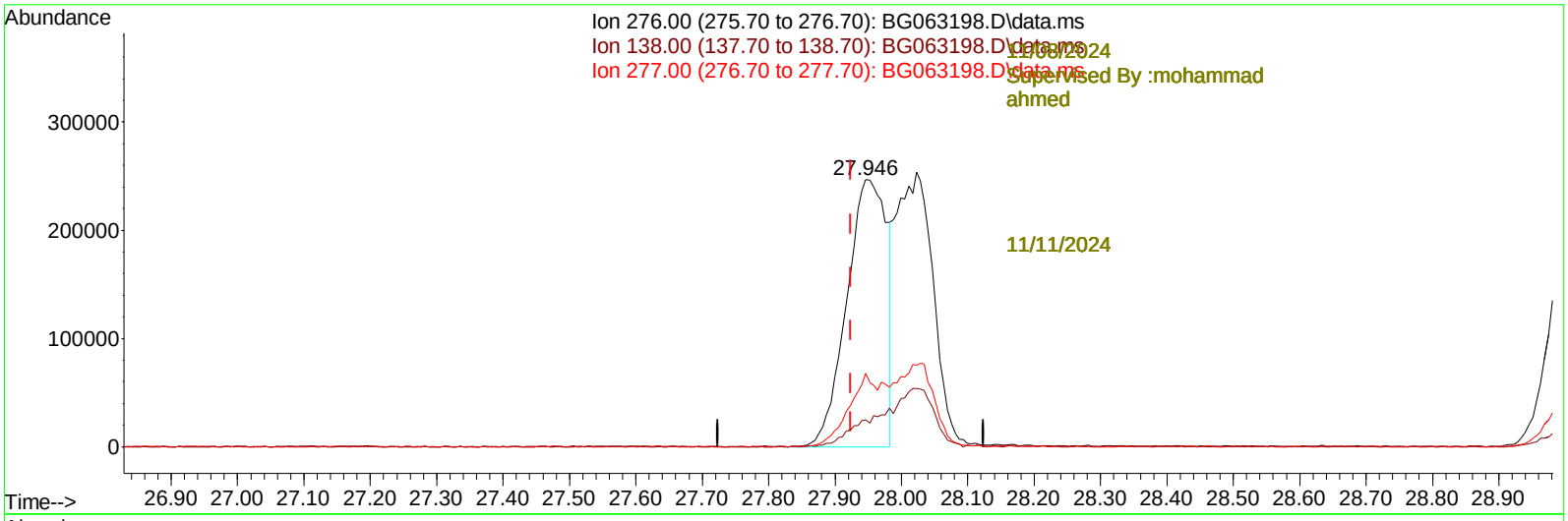
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063198.D
Acq On : 7 Nov 2024 11:47
Operator : RC/JU
Sample : P4585-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

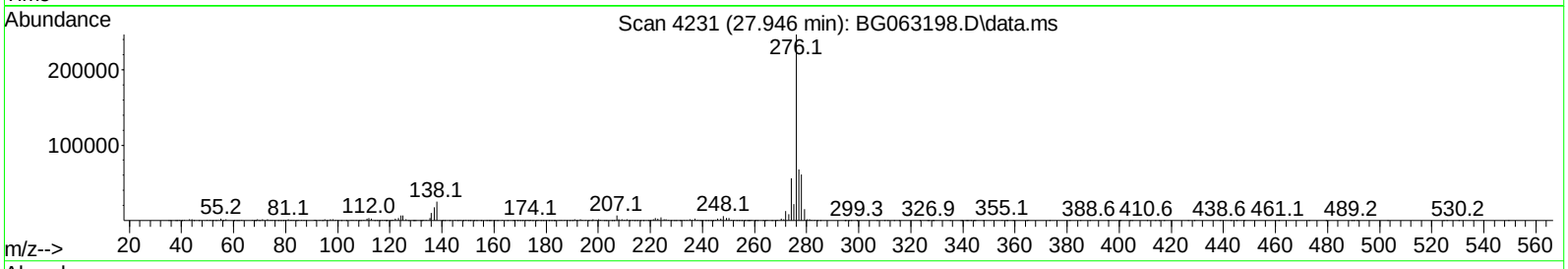
Quant Time: Nov 07 11:21:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

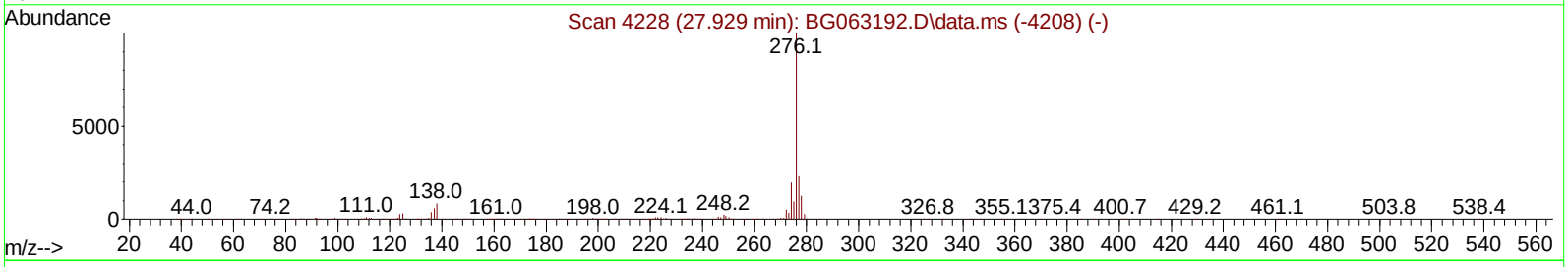
Instrument :
BNA_G
ClientSampleId :
A4EA7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063198.D\data.ms

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

27.946min (+ 0.023) 18.06 ng/ul

response 1025280

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.40	10.10
277.00	21.70	27.57#
0.00	0.00	0.00

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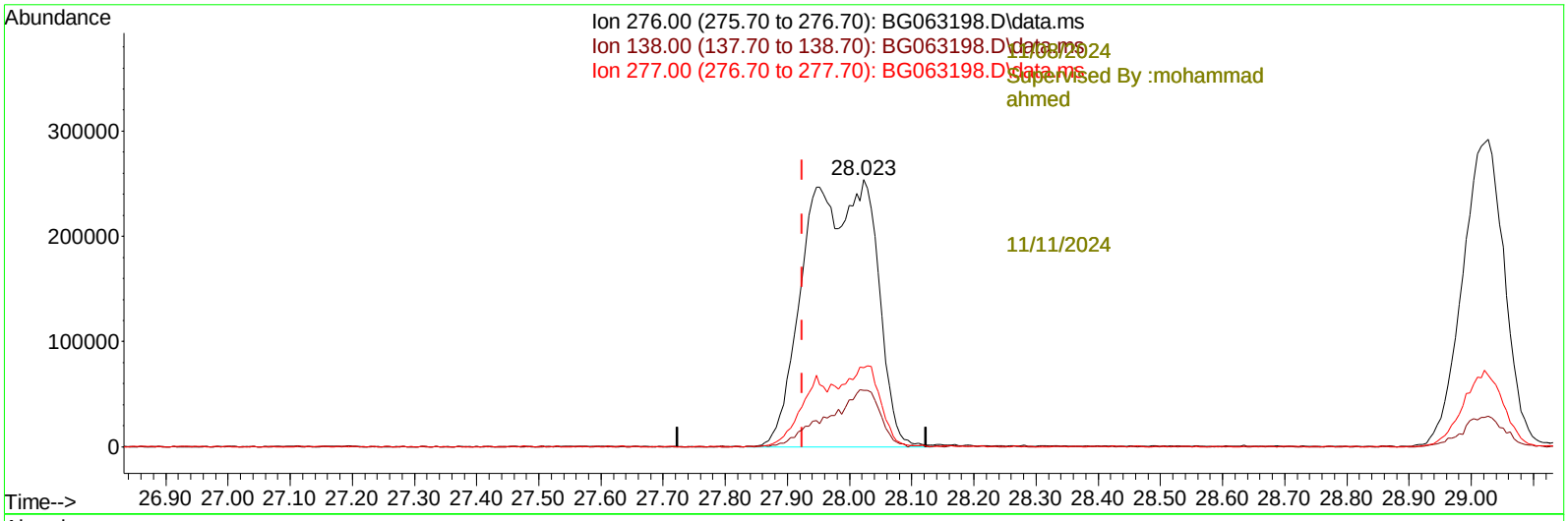

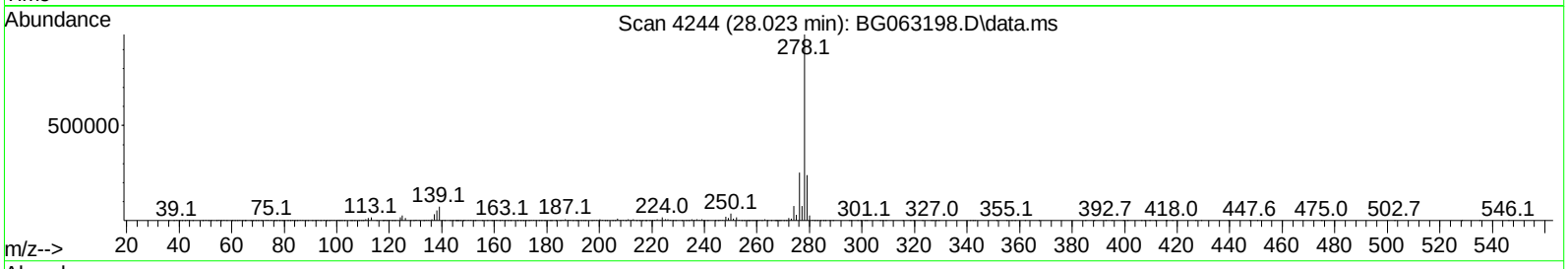

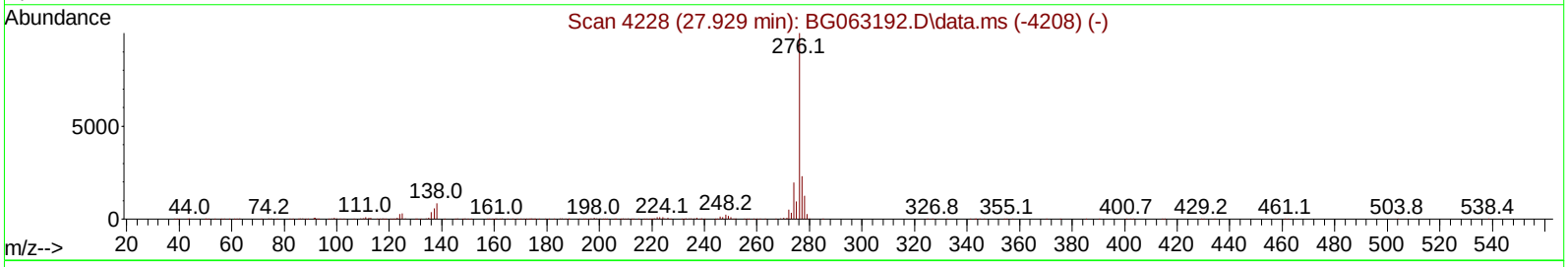

TIC: BG063198.D\data.ms

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

28.023min (+ 0.099) 35.50 ng/ul m

response 2015548

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.40	21.22#
277.00	21.70	29.60#
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	7.835	152	71912	20.000	ng/ul	0.00
20) Naphthalene-d8	10.631	136	333198	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	317810	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.229	188	772617	20.000	ng/ul	0.00
79) Chrysene-d12	21.495	240	771109	20.000	ng/ul	0.02
88) Perylene-d12	24.521	264	831720	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	1966	1.236	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.006	99	91321	14.073	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	51074	13.419	ng/ul	0.00
11) 2-Chlorophenol-d4	7.370	132	65625	15.581	ng/ul	0.00
15) 4-Methylphenol-d8	8.551	113	77911	14.166	ng/ul	0.00
21) Nitrobenzene-d5	8.992	128	32610	13.921	ng/ul	0.00
24) 2-Nitrophenol-d4	9.715	143	43282	14.296	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.255	165	113885	19.168	ng/ul	0.00
31) 4-Chloroaniline-d4	10.766	131	78287	10.116	ng/ul	0.00
46) Dimethylphthalate-d6	13.886	166	599702	24.090	ng/ul	0.00
49) Acenaphthylene-d8	14.168	160	579227	23.772	ng/ul	0.00
54) 4-Nitrophenol-d4	14.691	143	90652	26.596	ng/ul	0.01
60) Fluorene-d10	15.479	176	580133	27.612	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	115947	23.878	ng/ul	0.00
73) Anthracene-d10	17.329	188	1041957	31.379	ng/ul	0.00
81) Pyrene-d10	19.633	212	1280673	33.125	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.321	264	1292975	32.198	ng/ul	0.02
Target Compounds						Qvalue
8) Phenol	7.036	94	133417	18.867	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.259	93	528008	109.790	ng/ul	91
12) 2-Chlorophenol	7.406	128	232534	51.614	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.640	70	531023	102.801	ng/ul	97
19) Hexachloroethane	8.916	117	136725	74.890	ng/ul	98
22) Nitrobenzene	9.033	77	162937	22.559	ng/ul#	97
23) Isophorone	9.556	82	1300673	85.322	ng/ul	99
25) 2-Nitrophenol	9.744	139	82331	27.510	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.038	93	759324	103.325	ng/ul#	97
29) 2,4-Dichlorophenol	10.279	162	381876	68.178	ng/ul	96
33) Hexachlorobutadiene	10.966	225	443087	82.653	ng/ul	99
35) 4-Chloro-3-methylphenol	11.918	107	235693	35.068	ng/ul	96
36) 2-Methylnaphthalene	12.294	142	484955	35.889	ng/ul	95
41) 2,4,6-Trichlorophenol	12.911	196	960898	158.895	ng/ul	98
42) 2,4,5-Trichlorophenol	12.982	196	257138	39.211	ng/ul	94
48) 2,6-Dinitrotoluene	14.063	165	965905	211.465	ng/ul	92
50) Acenaphthylene	14.198	152	419618	17.288	ng/ul	99
52) Acenaphthene	14.550	153	1772794	102.049	ng/ul	99
55) 4-Nitrophenol	14.709	109	321416	72.556	ng/ul	95
57) 2,4-Dinitrotoluene	14.856	165	1024664	141.838	ng/ul#	98
61) Fluorene	15.537	166	3500864	155.546	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.526	204	766002	52.957	ng/ul	98
68) 4-Bromophenyl-phenylether	16.425	248	394259	44.637	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Hexachlorobenzene	16.548	284	2259953	240.177	ng/ul	96
71) Pentachlorophenol	16.889	266	1184990	251.202	ng/ul	98
72) Phenanthrene	17.276	178	1701993	48.214	ng/ul	99
74) Anthracene	17.365	178	1610770	44.543	ng/ul	98
78) Di-n-butylphthalate	18.205	149	4509237	132.035	ng/ul#	90
80) Fluoranthene	19.304	202	5399544	129.209	ng/ul#	93
82) Pyrene	19.662	202	3062930	69.149	ng/ul	98
83) Butylbenzylphthalate	20.555	149	620964	47.968	ng/ul	95
85) Benzo(a)anthracene	21.477	228	5532925	113.436	ng/ul#	79
86) Bis(2-ethylhexyl)phtha...	21.389	149	3301936	175.113	ng/ul#	88
87) Chrysene	21.548	228	6752000	148.477	ng/ul#	59
90) Benzo(b)fluoranthene	23.587	252	7759133	155.053	ng/ul#	83
93) Benzo(a)pyrene	24.386	252	1781196	38.480	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.023	276	2015548m	35.498	ng/ul	
95) Dibenzo(a,h)anthracene	28.029	278	4223553	91.241	ng/ul	99
96) Benzo(g,h,i)perylene	29.027	276	1369638	31.816	ng/ul	100

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

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