Quantitation Report (Qedit)

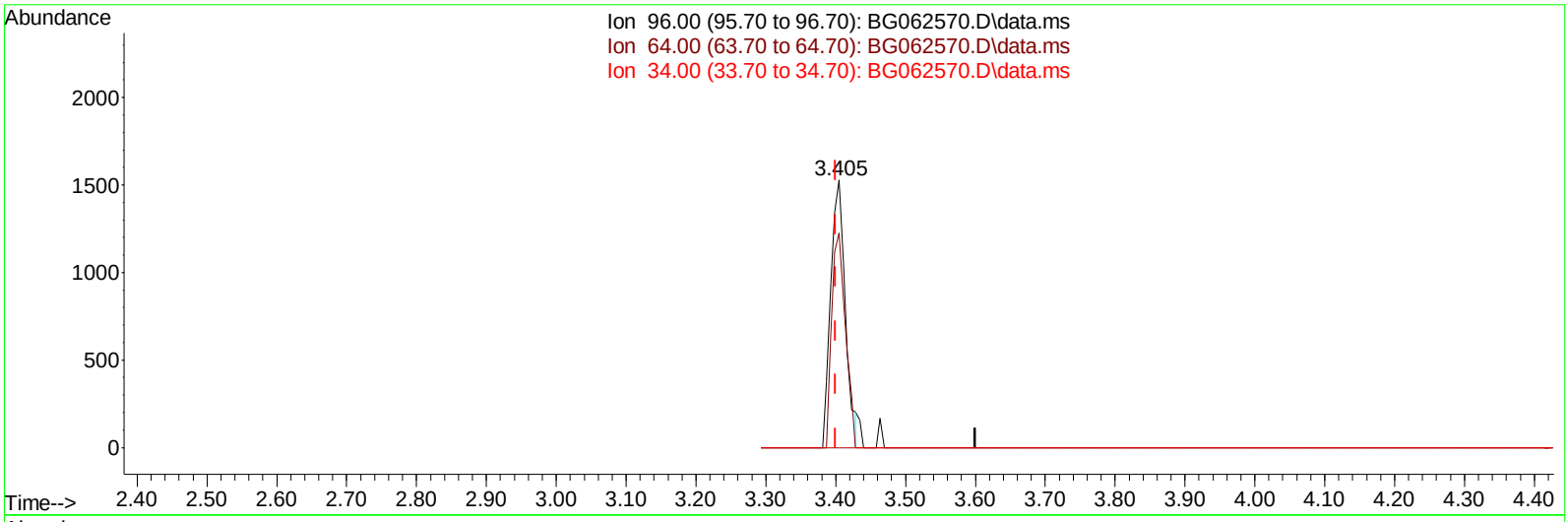
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
Data File : BG062570.D
Acq On : 23 Aug 2024 17:16
Operator : MA/JU
Sample : P3695-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

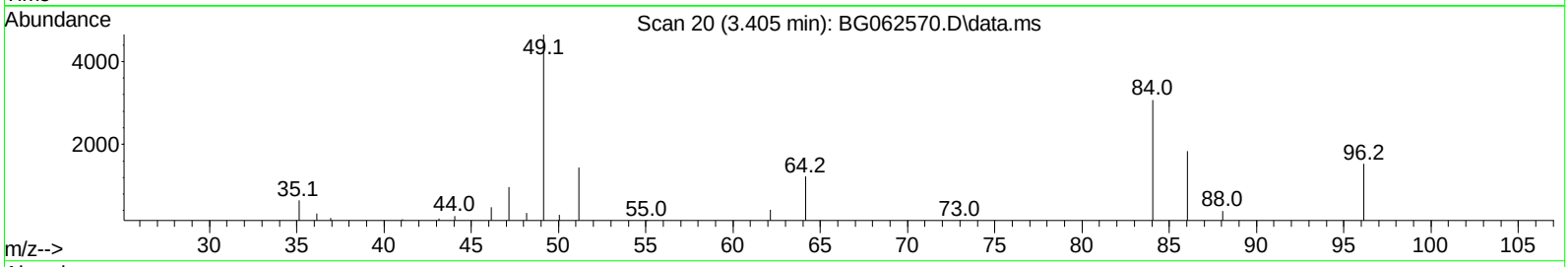
Quant Time: Aug 23 22:41:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

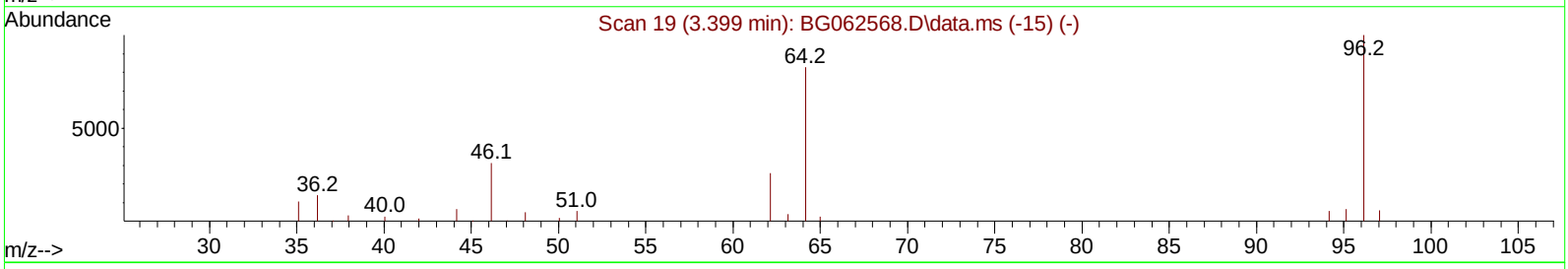
Instrument :
BNA_G
ClientSampleId :
GCNA4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024







TIC: BG062570.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.405min (+ 0.005) 1.10 ng/uL

response 2186

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	78.70	80.17
34.00	0.00	0.00
0.00	0.00	0.00

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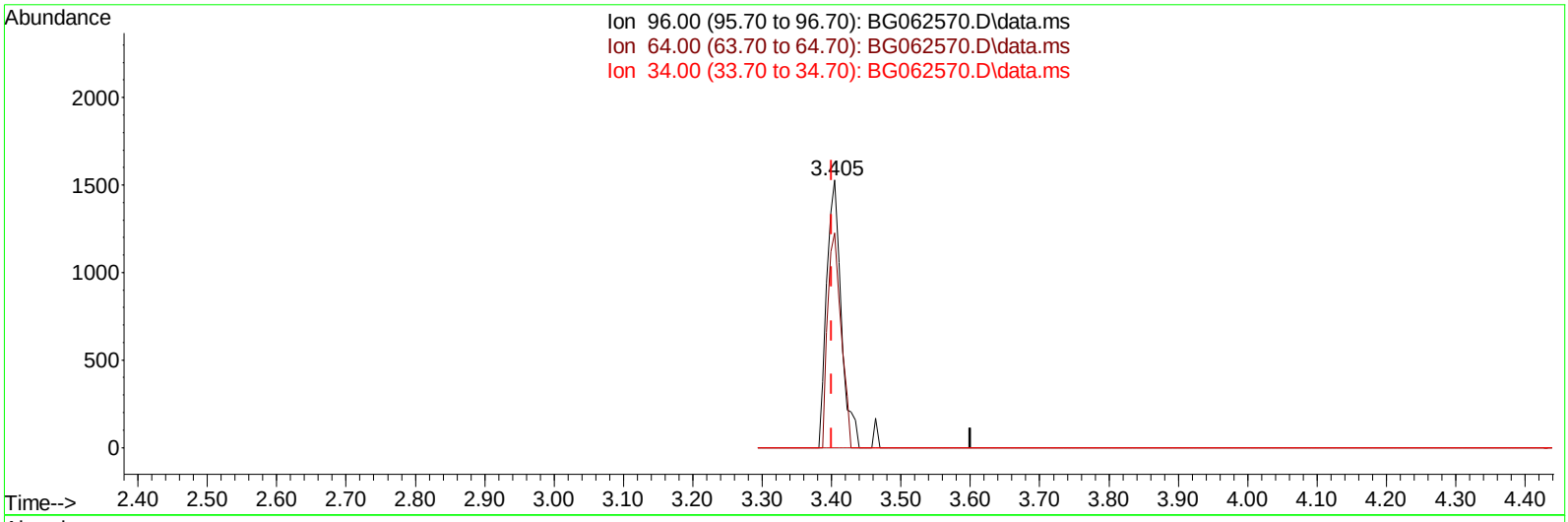

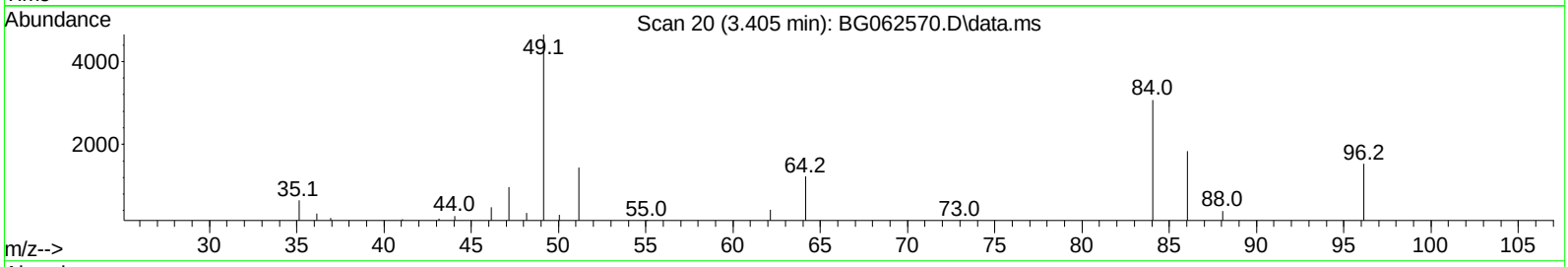

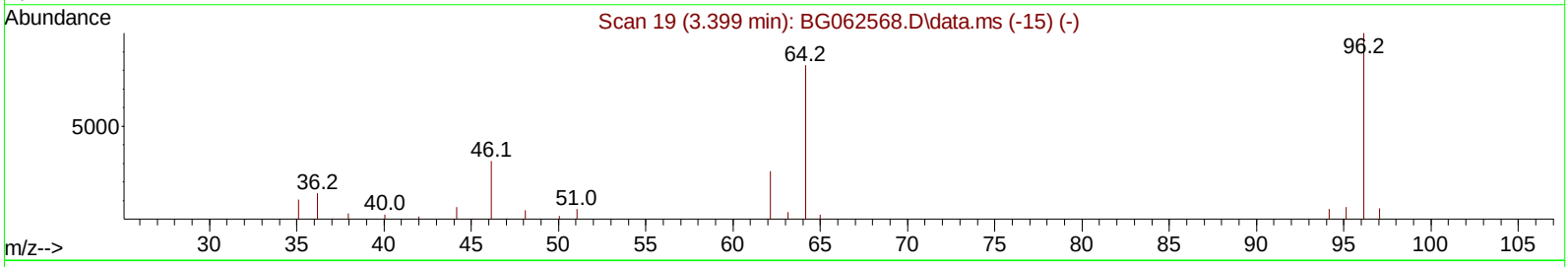

TIC: BG062570.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.405min (+ 0.005) 1.12 ng/uL m

response 2240

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	78.70	80.17
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 23 Aug 2024 17:16
Operator : MA/JU
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Quant Time: Aug 23 22:54:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	75623	20.000	ng/ul	0.00
20) Naphthalene-d8	10.730	136	325495	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.560	164	235119	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.309	188	460069	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	407649	20.000	ng/ul	0.00
88) Perylene-d12	24.641	264	480361	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	2240m	1.125	ng/uL	0.00
4) Pyridine-d5	3.816	84	8237	1.357	ng/ul	0.00
7) Phenol-d5	7.106	99	67400	8.959	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	38059	8.031	ng/ul	0.00
11) 2-Chlorophenol-d4	7.470	132	48527	9.443	ng/ul	0.00
15) 4-Methylphenol-d8	8.639	113	50328	7.981	ng/ul	0.00
21) Nitrobenzene-d5	9.091	128	22237	10.653	ng/ul	0.00
24) 2-Nitrophenol-d4	9.814	143	25583	12.320	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.354	165	52190	9.868	ng/ul	0.00
31) 4-Chloroaniline-d4	10.859	131	46785	5.578	ng/ul	0.00
46) Dimethylphthalate-d6	13.961	166	176557	9.654	ng/ul	0.00
49) Acenaphthylene-d8	14.255	160	197579	9.757	ng/ul	0.00
54) 4-Nitrophenol-d4	14.760	143	24330	8.339	ng/ul	0.01
60) Fluorene-d10	15.553	176	159971	9.698	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.665	200	22487	10.757	ng/ul	0.00
73) Anthracene-d10	17.403	188	232363	10.514	ng/ul	0.00
81) Pyrene-d10	19.694	212	227198	9.517	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.423	264	168718	6.618	ng/ul	0.01
Target Compounds						Qvalue
16) Acetophenone	8.756	105	12217	1.183	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.189	232	38567	8.459	ng/ul#	95
71) Pentachlorophenol	16.969	266	964199	274.671	ng/ul	96
82) Pyrene	19.718	202	40132	1.396	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.451	149	26636	1.883	ng/ul#	96

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

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