Quantitation Report (Qedit)

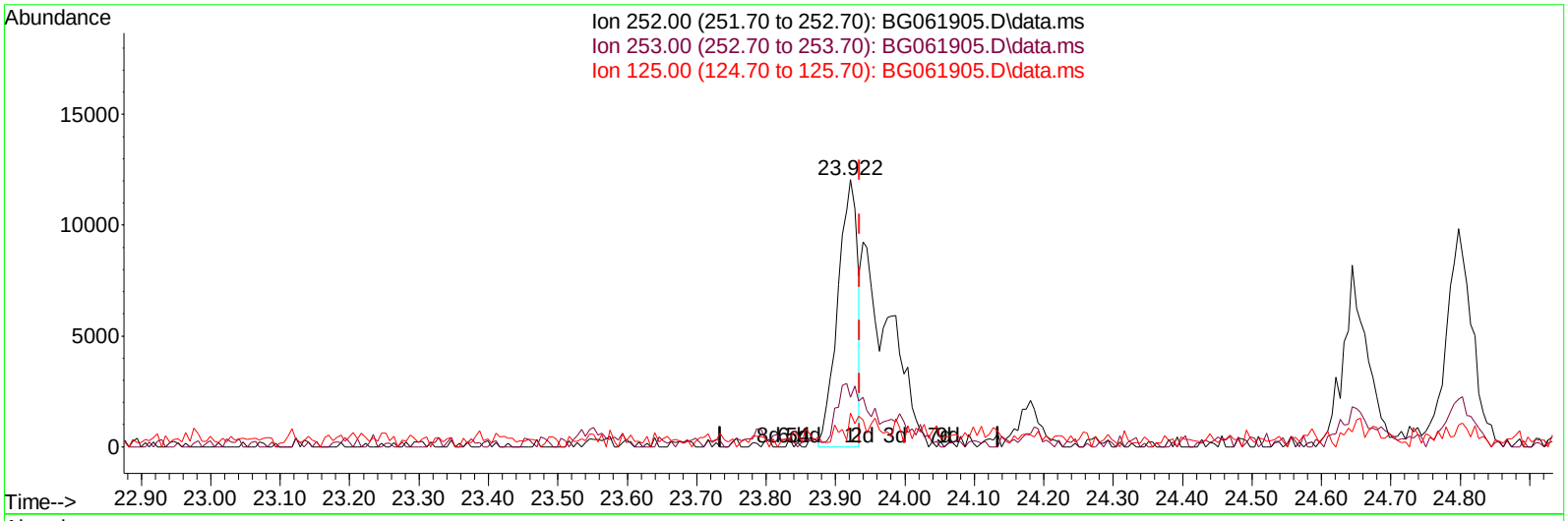
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061905.D
Acq On : 5 Jul 2024 21:09
Operator : MA/JU
Sample : P2982-26
Misc :
ALS Vial : 14 Sample Multiplier: 1

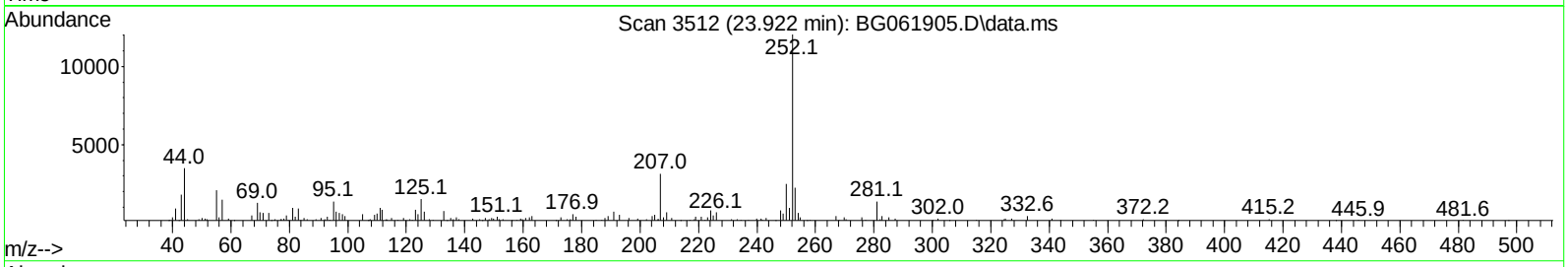
Quant Time: Jul 06 02:03:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

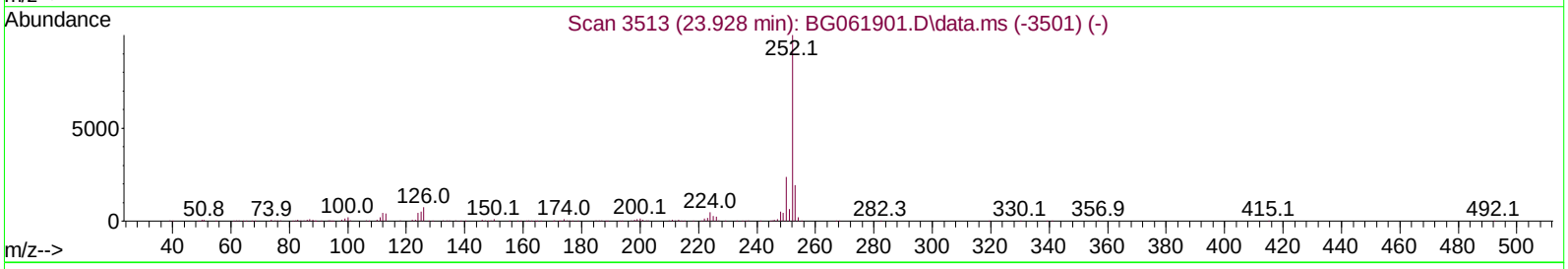
Instrument :
BNA_G
ClientSampleId :
A4CT9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024







TIC: BG061905.D\data.ms

(90) Benzo(b)fluoranthene

23.922min (-0.012) 1.01 ng/ul

response 24024

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	18.51
125.00	7.60	12.72#
0.00	0.00	0.00

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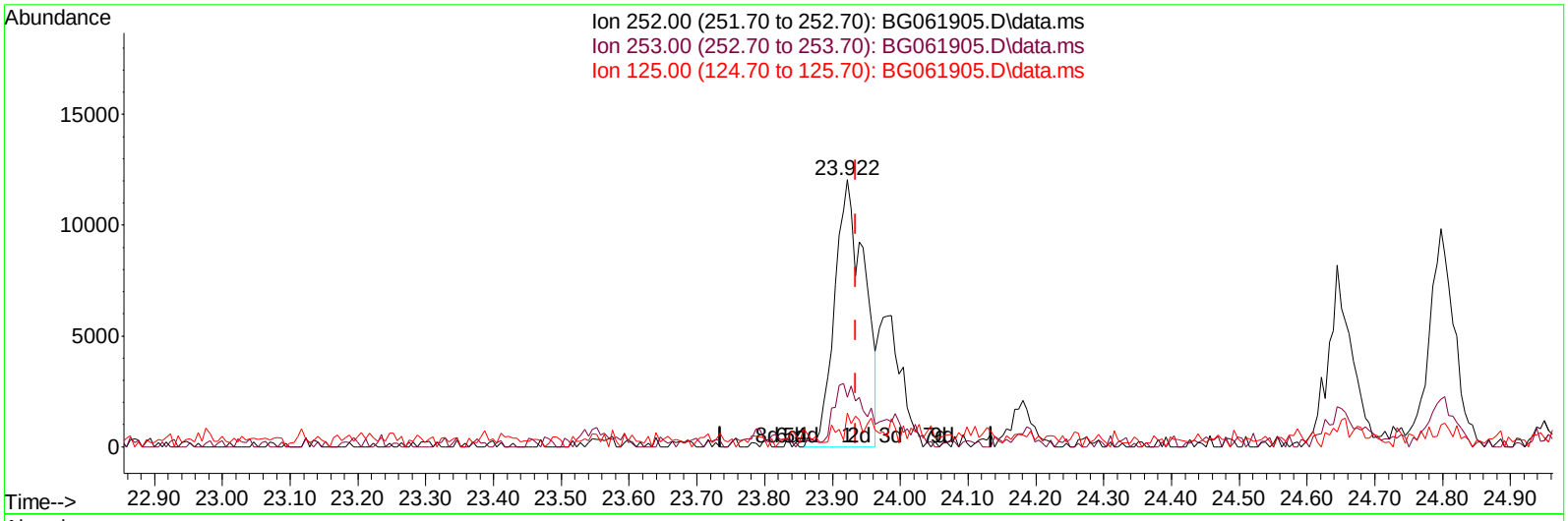

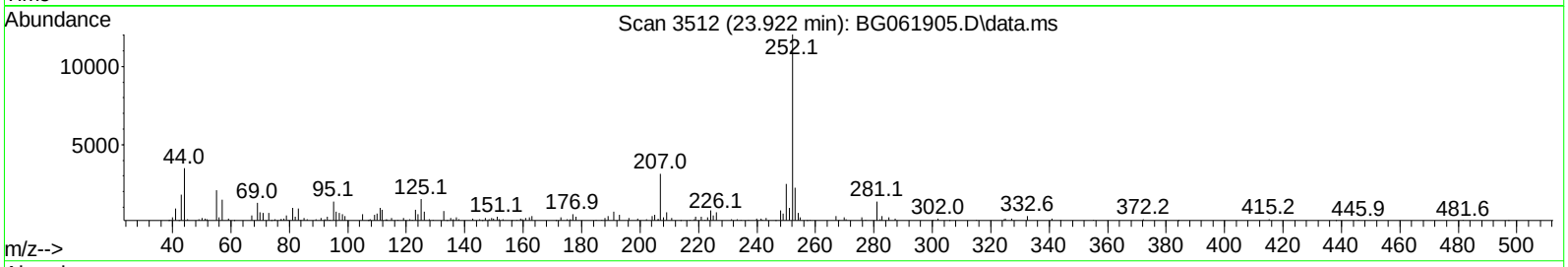

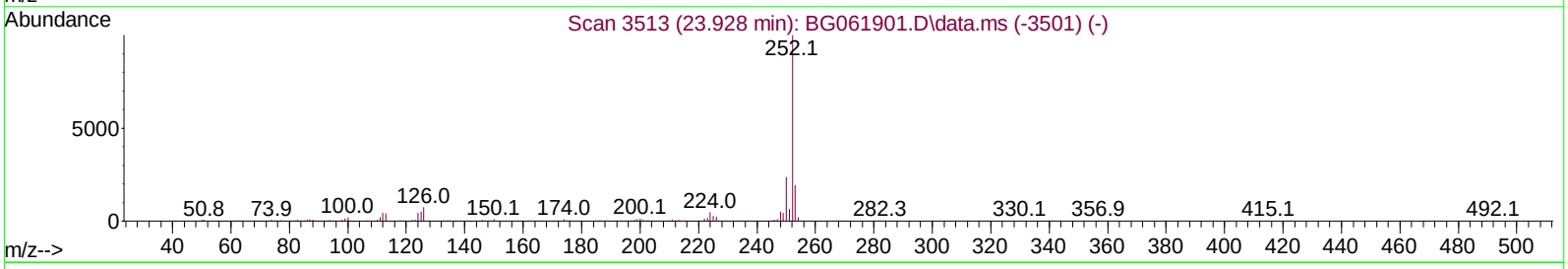

TIC: BG061905.D\data.ms

(90) Benzo(b)fluoranthene

23.922min (-0.012) 1.54 ng/ul m

response 36858

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	18.51
125.00	7.60	12.72#
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

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Data File : BG061905.D
Acq On : 5 Jul 2024 21:09
Operator : MA/JU
Sample : P2982-26
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 06 02:30:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	43607	20.000	ng/ul	0.00
20) Naphthalene-d8	10.908	136	209763	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.715	164	148201	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.459	188	353572	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.719	240	318115	20.000	ng/ul	# 0.00
88) Perylene-d12	24.956	264	378994	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	4883	4.208	ng/uL	0.00
4) Pyridine-d5	3.904	84	52113	14.605	ng/ul	0.00
7) Phenol-d5	7.241	99	102570	21.493	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.418	67	60943	20.166	ng/ul	0.00
11) 2-Chlorophenol-d4	7.623	132	73148	22.346	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	81347	21.650	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	39525	24.776	ng/ul	0.00
24) 2-Nitrophenol-d4	9.985	143	48804	26.789	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	88699	25.242	ng/ul	0.00
31) 4-Chloroaniline-d4	11.037	131	90440	17.727	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	299575	24.587	ng/ul	0.00
49) Acenaphthylene-d8	14.415	160	327769	25.727	ng/ul	0.00
54) 4-Nitrophenol-d4	14.903	143	45399	23.332	ng/ul	-0.01
60) Fluorene-d10	15.702	176	261494	25.494	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	43023	23.169	ng/ul	-0.01
73) Anthracene-d10	17.553	188	400780	24.278	ng/ul	0.00
81) Pyrene-d10	19.833	212	457981	24.476	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.727	264	480040	25.539	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.500	178	21166	1.135	ng/ul	93
80) Fluoranthene	19.498	202	42722	1.929	ng/ul#	97
82) Pyrene	19.862	202	43753	1.913	ng/ul#	94
87) Chrysene	21.760	228	24240	1.124	ng/ul#	92
90) Benzo(b)fluoranthene	23.922	252	36858m	1.544	ng/ul	
93) Benzo(a)pyrene	24.797	252	25222	1.115	ng/ul	97

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

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