Quantitation Report (Qedit)

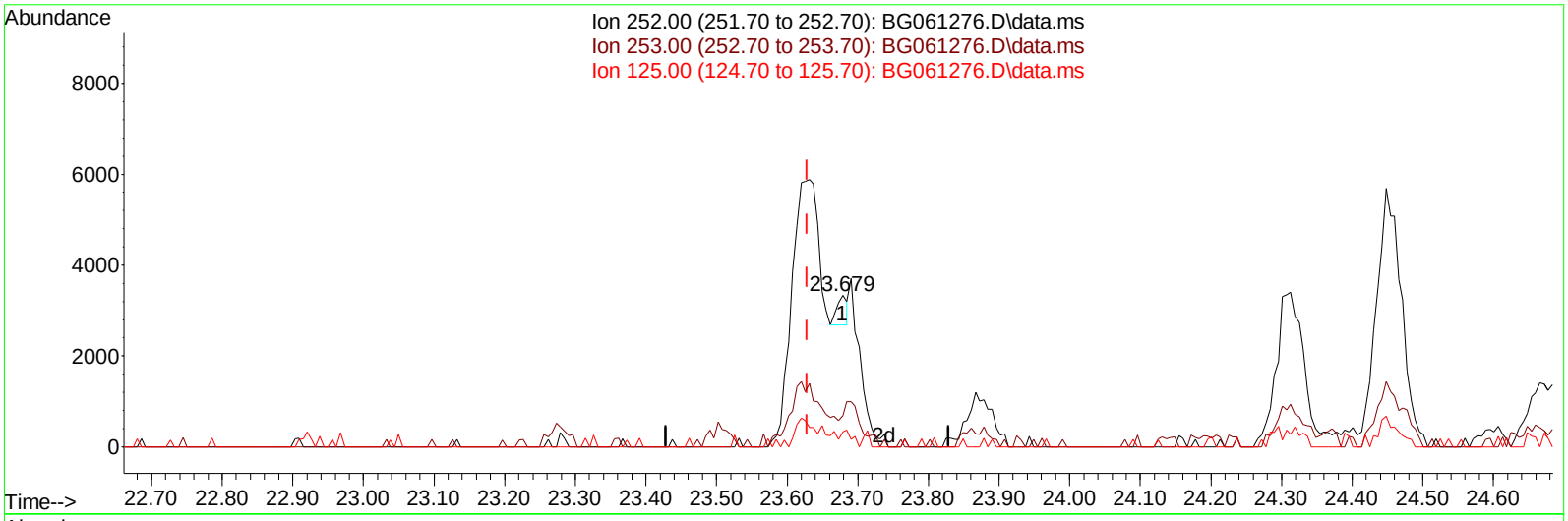
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061276.D
Acq On : 23 May 2024 18:10
Operator : MA/JU
Sample : P2547-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

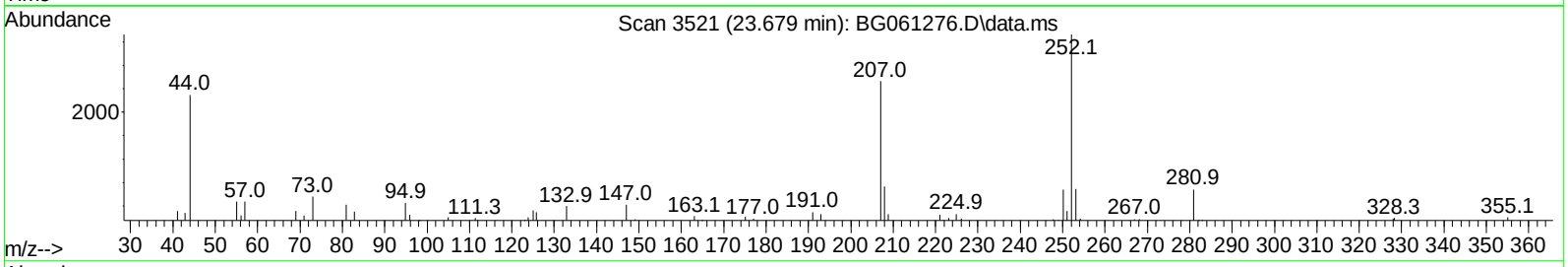
Quant Time: May 24 00:37:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

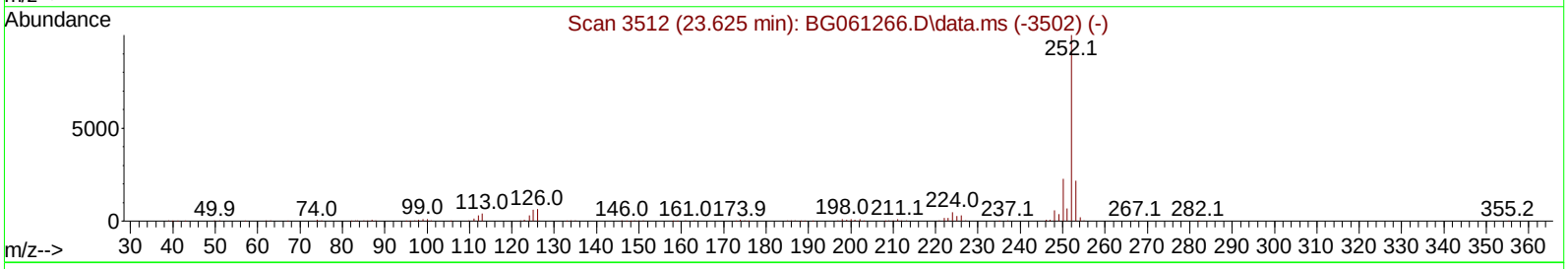
Instrument :
BNA_G
ClientSampleId :
BH5X7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024







TIC: BG061276.D\data.ms

(90) Benzo(b)fluoranthene

23.679min (+ 0.050) 0.05 ng/ul

response 666

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	20.71
125.00	5.70	18.55#
0.00	0.00	0.00

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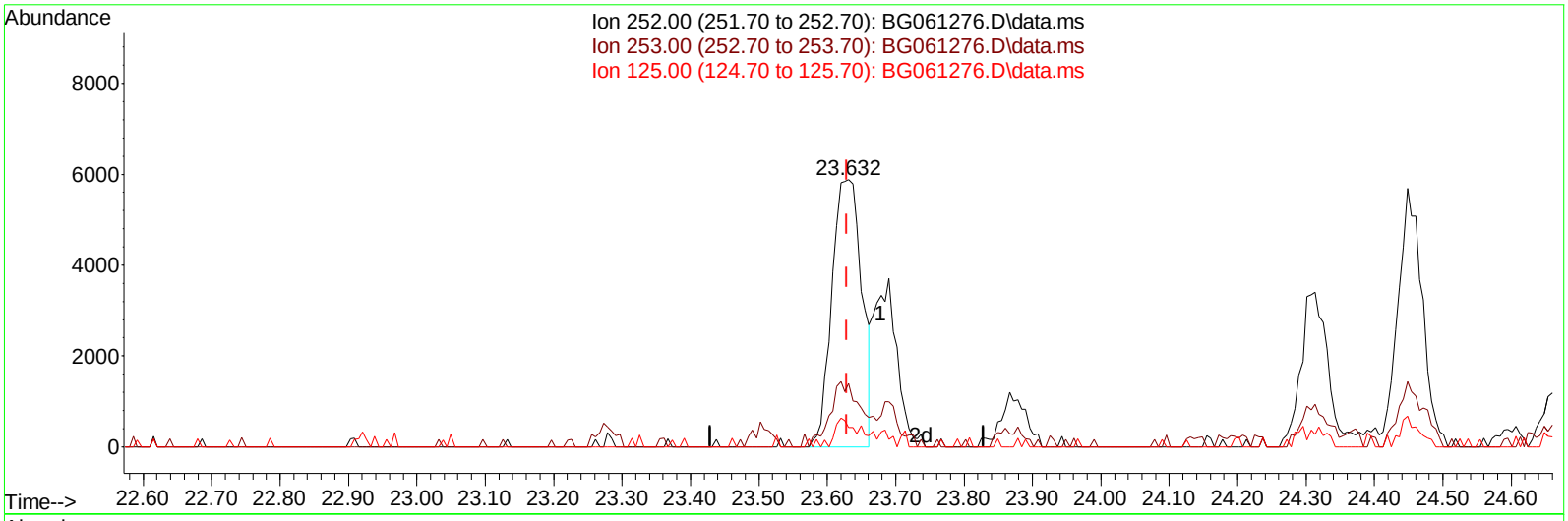

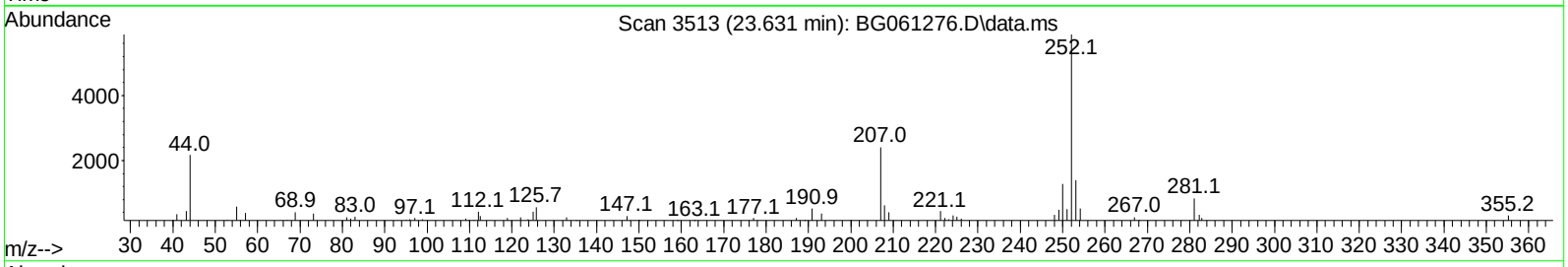

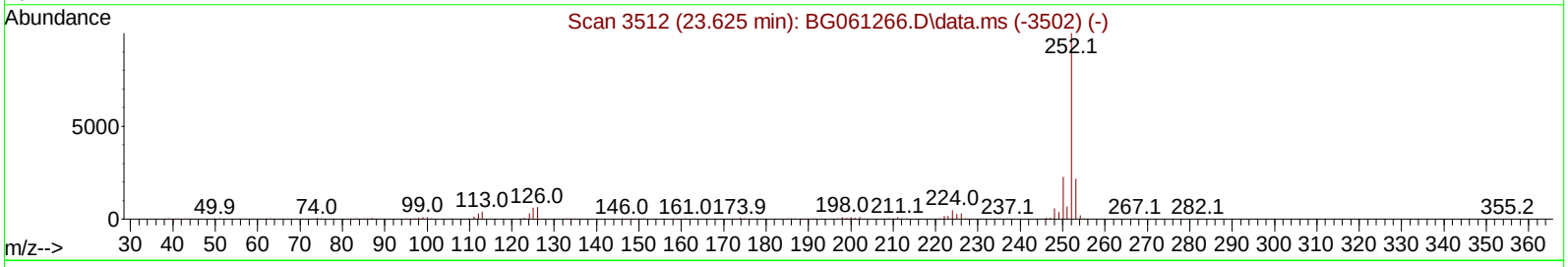

TIC: BG061276.D\data.ms

(90) Benzo(b)fluoranthene

23.631min (+ 0.003) 1.34 ng/ul m

response 17905

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.78
125.00	5.70	9.60#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
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Misc :
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Quant Time: May 24 01:25:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.885	152	18812	20.000	ng/ul	0.00
20) Naphthalene-d8	10.682	136	81957	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.519	164	73960	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.268	188	200190	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	204029	20.000	ng/ul	0.00
88) Perylene-d12	24.601	264	225155	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	1034	3.076	ng/uL	0.00
4) Pyridine-d5	3.749	84	15772	13.188	ng/ul	0.00
7) Phenol-d5	7.063	99	22732	14.715	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.215	67	14969	15.416	ng/ul	0.00
11) 2-Chlorophenol-d4	7.421	132	17932	15.684	ng/ul	0.00
15) 4-Methylphenol-d8	8.602	113	20239	15.364	ng/ul	0.00
21) Nitrobenzene-d5	9.043	128	9567	15.161	ng/ul	0.00
24) 2-Nitrophenol-d4	9.765	143	11528	15.610	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.312	165	21855	15.180	ng/ul	0.00
31) 4-Chloroaniline-d4	10.817	131	29437	15.628	ng/ul	0.00
46) Dimethylphthalate-d6	13.925	166	96455	16.815	ng/ul	0.00
49) Acenaphthylene-d8	14.213	160	96854	16.241	ng/ul	0.00
54) 4-Nitrophenol-d4	14.742	143	10744	15.150	ng/ul	0.00
60) Fluorene-d10	15.512	176	86468	17.460	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200	14569	12.033	ng/ul	0.00
73) Anthracene-d10	17.368	188	151180	17.129	ng/ul	0.00
81) Pyrene-d10	19.654	212	191787	18.307	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.389	264	191330	17.676	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.310	178	14198	1.461	ng/ul	95
80) Fluoranthene	19.325	202	29350	2.335	ng/ul	99
82) Pyrene	19.683	202	26521	2.033	ng/ul#	92
85) Benzo(a)anthracene	21.499	228	15842	1.125	ng/ul	95
87) Chrysene	21.563	228	14821	1.143	ng/ul	93
90) Benzo(b)fluoranthene	23.631	252	17905m	1.336	ng/ul	
93) Benzo(a)pyrene	24.448	252	13999	1.100	ng/ul#	88

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

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