Quantitation Report (Qedit)

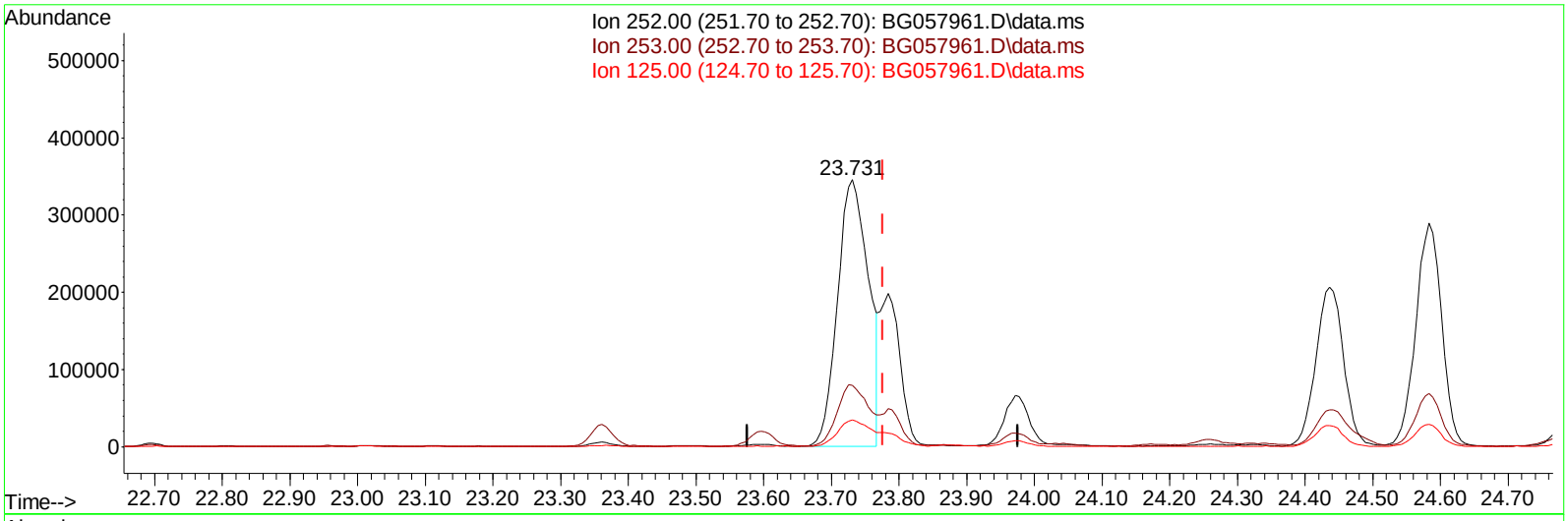
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057961.D
Acq On : 3 Jul 2023 19:05
Operator : CG/JU
Sample : 03246-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

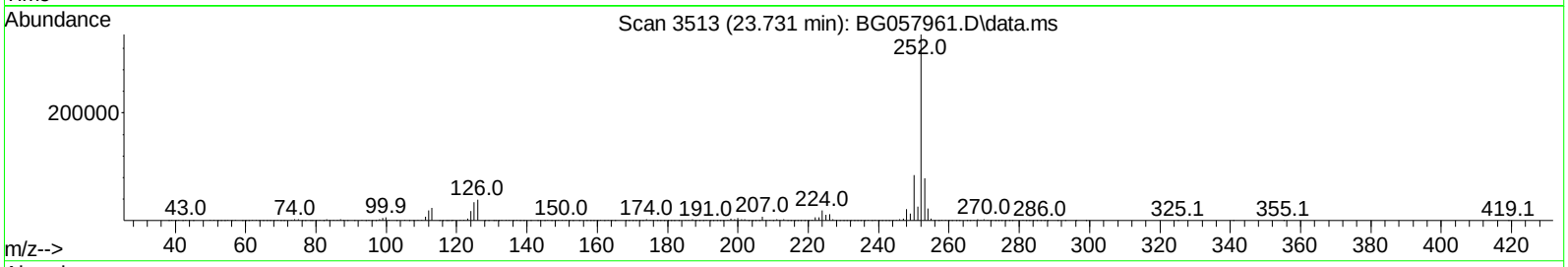
Quant Time: Jul 04 03:49:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration

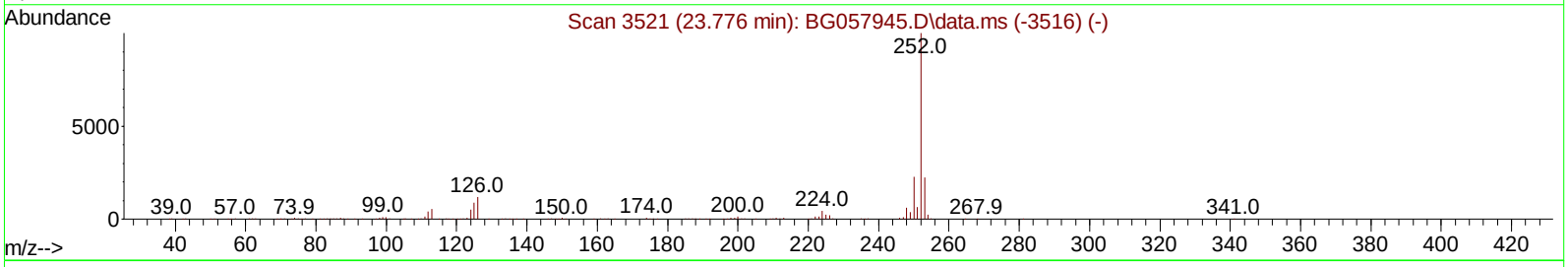
Instrument :
BNA_G
ClientSampleId :
DCGK0

Manual IntegrationsAPPROVED

Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023







TIC: BG057961.D\data.ms

(91) Benzo(k)fluoranthene

23.731min (-0.045) 58.23 ng/ul

response 1095404

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.93
125.00	9.30	9.99
0.00	0.00	0.00

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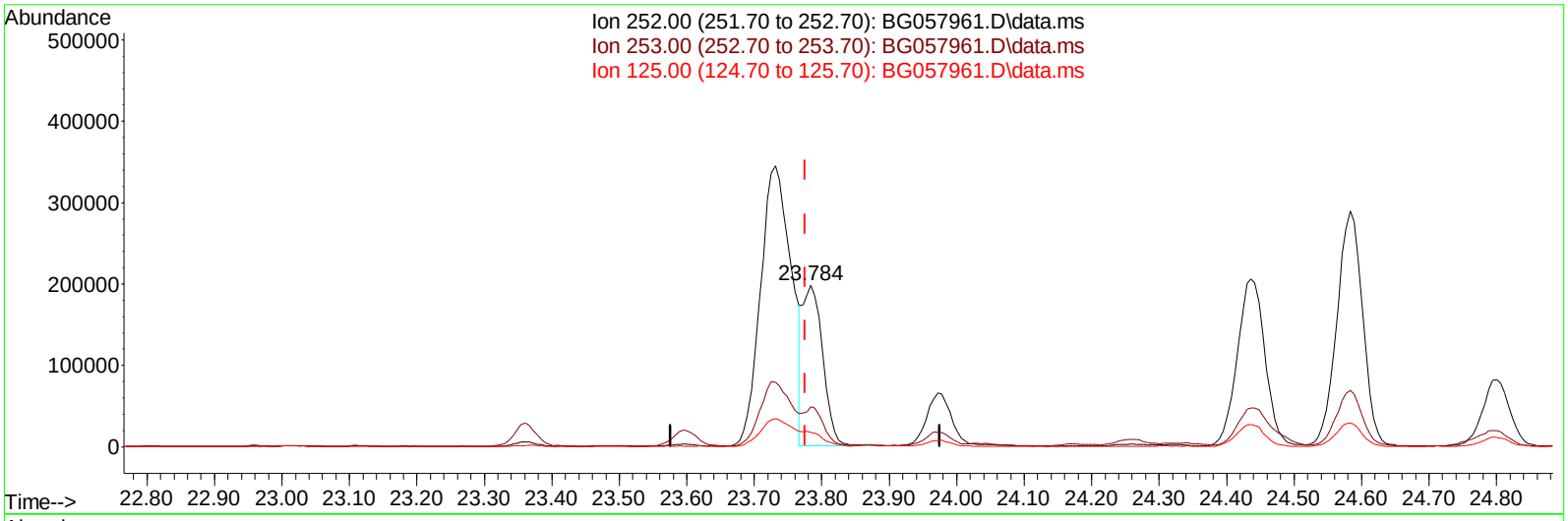

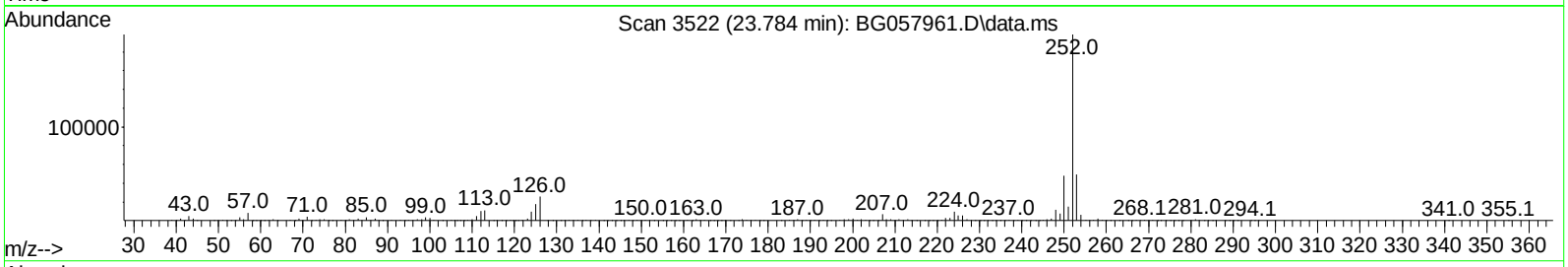

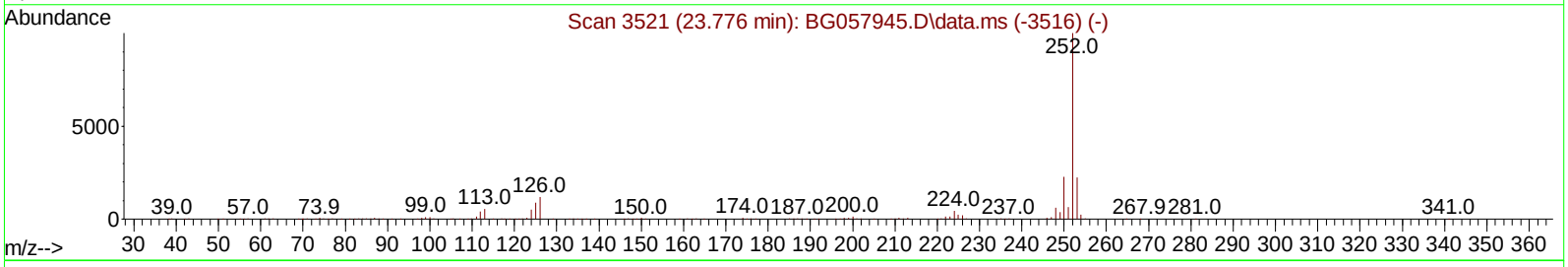

TIC: BG057961.D\data.ms

(91) Benzo(k)fluoranthene

23.784min (+ 0.008) 21.70 ng/ul m

response 408311

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.88
125.00	9.30	8.98
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

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Operator : CG/JU
Sample : 03246-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 04 03:49:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration

Instrument :
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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	7.938	152	36133	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	163795	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.565	164	117017	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.309	188	296614	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	247255	20.000	ng/ul	0.00
88) Perylene-d12	24.724	264	309986	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	4827	4.678	ng/uL	0.00
4) Pyridine-d5	3.784	84	64914	20.721	ng/ul	0.00
7) Phenol-d5	7.098	99	107453	29.119	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.262	67	67183	30.211	ng/ul	0.00
11) 2-Chlorophenol-d4	7.468	132	78458	30.828	ng/ul	0.00
15) 4-Methylphenol-d8	8.637	113	77446	27.815	ng/ul	0.00
21) Nitrobenzene-d5	9.095	128	40728	30.508	ng/ul	0.00
24) 2-Nitrophenol-d4	9.818	143	43940	31.317	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	83003	30.838	ng/ul	0.00
31) 4-Chloroaniline-d4	10.870	131	56031	13.730	ng/ul	0.00
46) Dimethylphthalate-d6	13.972	166	274169	29.695	ng/ul	0.00
49) Acenaphthylene-d8	14.260	160	327377	32.494	ng/ul	0.00
54) 4-Nitrophenol-d4	14.759	143	45218	27.720	ng/ul	0.00
60) Fluorene-d10	15.558	176	259740	33.126	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.670	200	41637	25.852	ng/ul	0.00
73) Anthracene-d10	17.409	188	430744	31.296	ng/ul	0.00
81) Pyrene-d10	19.695	212	505013	32.430	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.512	264	511281	32.374	ng/ul	0.01
Target Compounds						Qvalue
30) Naphthalene	10.787	128	26228	2.849	ng/ul	99
36) 2-Methylnaphthalene	12.397	142	6728	1.084	ng/ul	97
50) Acenaphthylene	14.289	152	25034	2.301	ng/ul	96
52) Acenaphthene	14.630	153	11907	1.595	ng/ul	94
61) Fluorene	15.611	166	15848	1.820	ng/ul#	95
72) Phenanthrene	17.350	178	422947	28.032	ng/ul	100
74) Anthracene	17.444	178	70099	4.591	ng/ul	98
80) Fluoranthene	19.366	202	1239580	68.697	ng/ul	99
82) Pyrene	19.730	202	1032599	56.850	ng/ul	98
85) Benzo(a)anthracene	21.545	228	648176	36.510	ng/ul	94
87) Chrysene	21.610	228	686676	41.260	ng/ul	95
90) Benzo(b)fluoranthene	23.731	252	1095404	57.071	ng/ul	99
91) Benzo(k)fluoranthene	23.784	252	408311m	21.704	ng/ul	
93) Benzo(a)pyrene	24.583	252	764516	45.003	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.331	276	654333	29.005	ng/ul	100
95) Dibenzo(a,h)anthracene	28.367	278	161430	8.678	ng/ul#	89
96) Benzo(g,h,i)perylene	29.465	276	561693	30.484	ng/ul	98

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

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