Quantitation Report (Qedit)

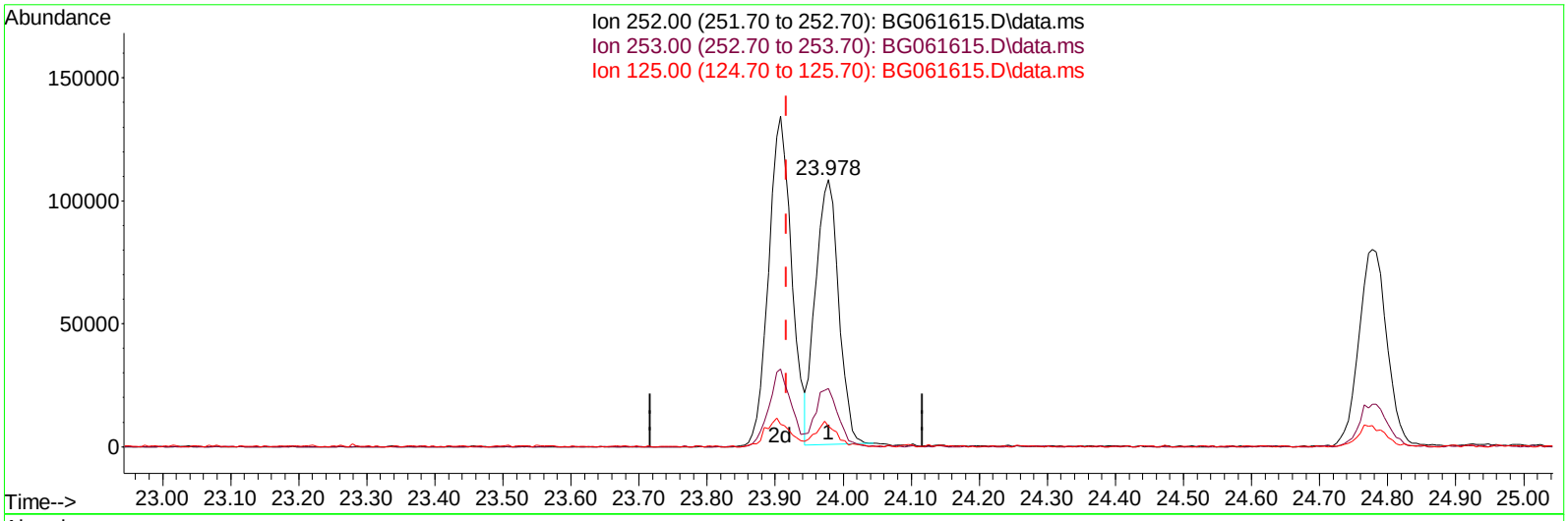
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061615.D
Acq On : 21 Jun 2024 11:22
Operator : MA/JU
Sample : P2754-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

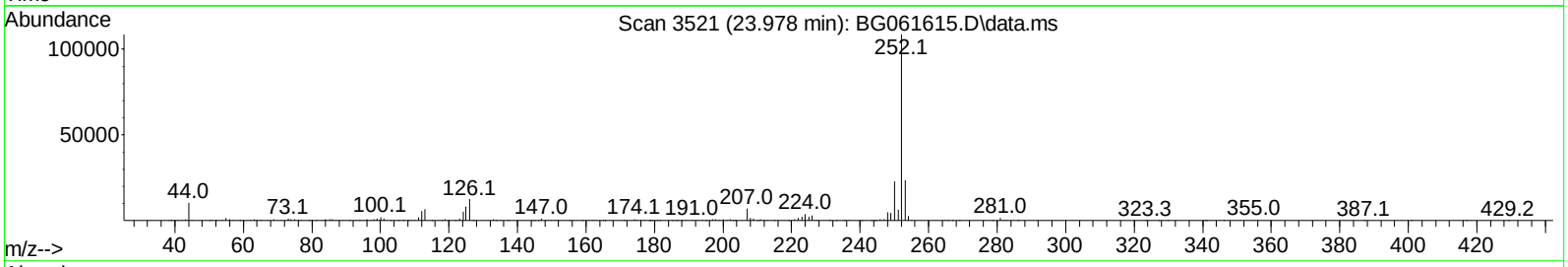
Quant Time: Jun 21 11:54:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

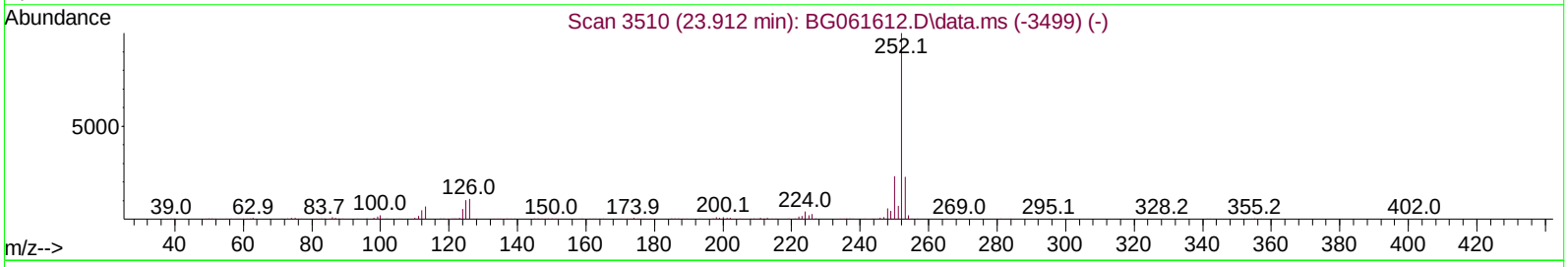
Instrument :
BNA_G
ClientSampleId :
A4DG4DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024







TIC: BG061615.D\data.ms

(90) Benzo(b)fluoranthene

23.978min (+ 0.062) 9.46 ng/ul

response 252182

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.20	21.79
125.00	8.80	7.62
0.00	0.00	0.00

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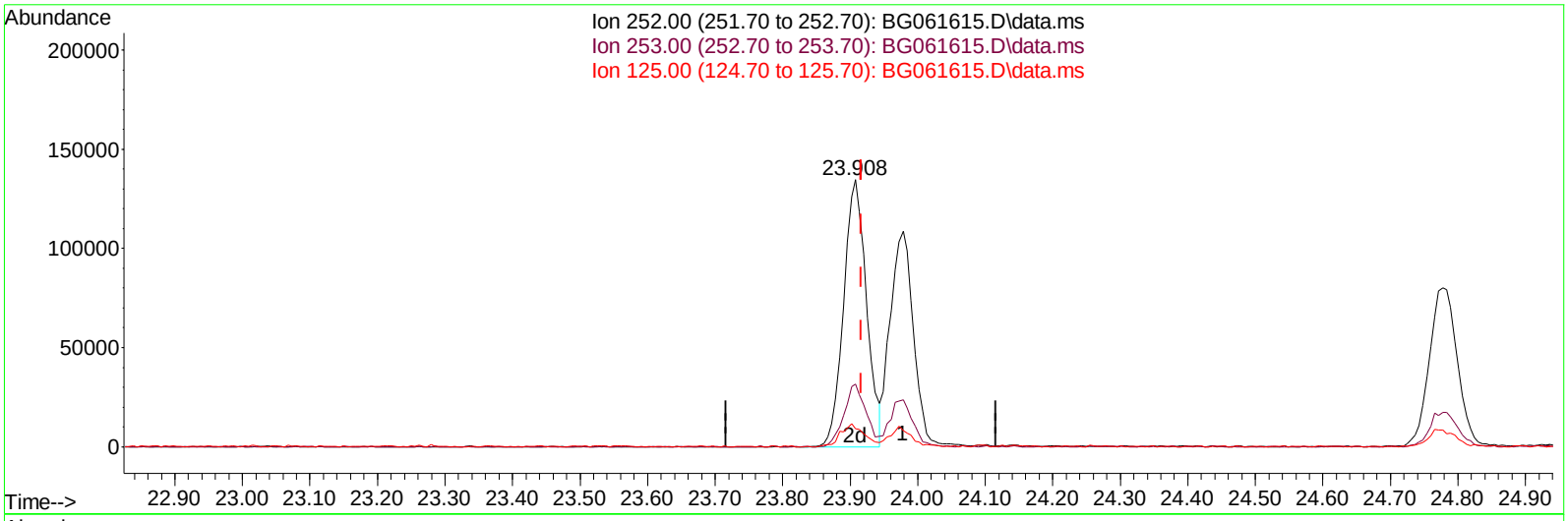

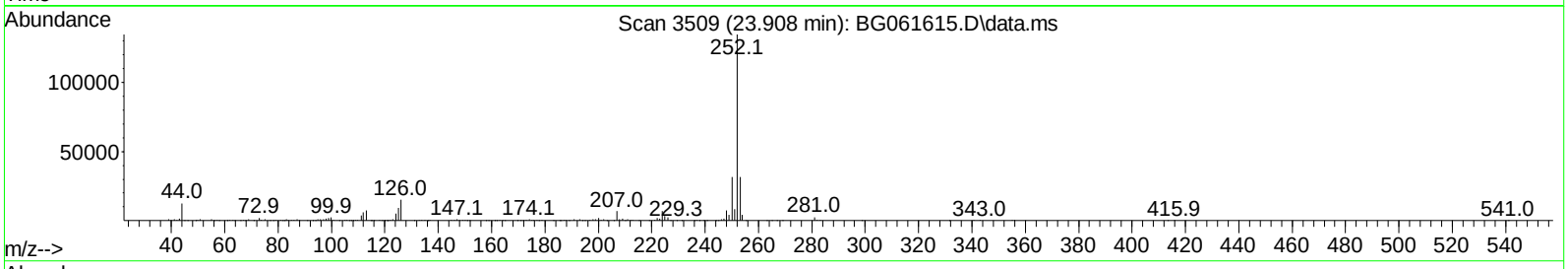

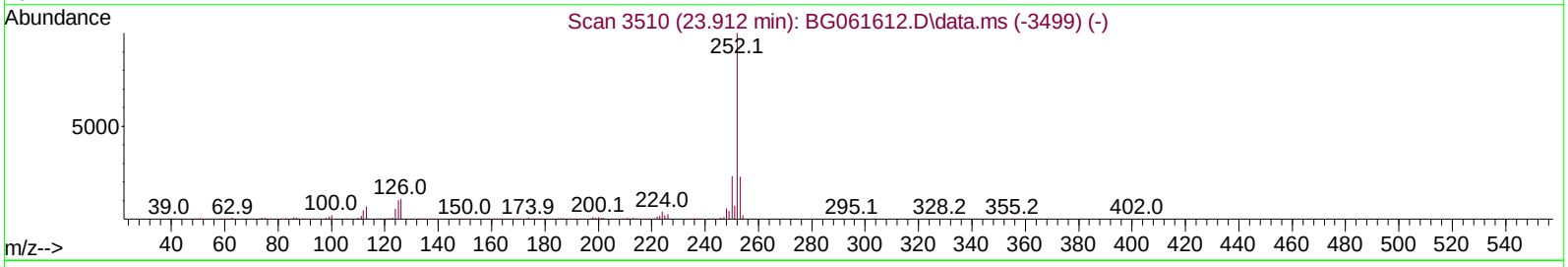

TIC: BG061615.D\data.ms

(90) Benzo(b)fluoranthene

23.908min (-0.009) 11.86 ng/ul m

response 316166

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.20	23.52
125.00	8.80	6.86#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 21 Jun 2024 11:22
Operator : MA/JU
Sample : P2754-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 21 11:57:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.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	8.073	152	44992	20.000	ng/ul	0.00
20) Naphthalene-d8	10.888	136	217830	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.701	164	155330	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	405895	20.000	ng/ul	0.00
79) Chrysene-d12	21.710	240	377274	20.000	ng/ul	0.00
88) Perylene-d12	24.936	264	443647	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.467	96	807	0.648	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.210	99	26662	5.459	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	16327	5.362	ng/ul	0.00
11) 2-Chlorophenol-d4	7.598	132	19449	5.803	ng/ul	0.00
15) 4-Methylphenol-d8	8.767	113	21653	5.735	ng/ul	0.00
21) Nitrobenzene-d5	9.231	128	8591	5.808	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	7926	5.291	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.494	165	26713	7.531	ng/ul	0.00
31) 4-Chloroaniline-d4	11.017	131	25748	4.795	ng/ul	0.00
46) Dimethylphthalate-d6	14.108	166	81813	6.844	ng/ul	0.00
49) Acenaphthylene-d8	14.395	160	91314	6.971	ng/ul	0.00
54) 4-Nitrophenol-d4	14.865	143	12854	6.261	ng/ul	0.00
60) Fluorene-d10	15.688	176	75431	7.208	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.788	200	8296	4.780	ng/ul	0.00
73) Anthracene-d10	17.545	188	132337	7.143	ng/ul	0.00
81) Pyrene-d10	19.819	212	152171	7.221	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.707	264	148746	7.020	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	7.233	94	27968	5.441	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.492	93	107875	27.885	ng/ul#	97
12) 2-Chlorophenol	7.627	128	77511	23.050	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.873	70	102237	30.611	ng/ul	99
23) Isophorone	9.801	82	309828	31.618	ng/ul	99
25) 2-Nitrophenol	9.995	139	24896	15.893	ng/ul#	86
29) 2,4-Dichlorophenol	10.518	162	137631	42.350	ng/ul	97
30) Naphthalene	10.935	128	383060	31.428	ng/ul	98
35) 4-Chloro-3-methylphenol	12.139	107	29500	6.491	ng/ul	88
36) 2-Methylnaphthalene	12.539	142	290113	33.733	ng/ul	99
41) 2,4,6-Trichlorophenol	13.126	196	23294	8.213	ng/ul#	75
42) 2,4,5-Trichlorophenol	13.191	196	48217	15.597	ng/ul	92
48) 2,6-Dinitrotoluene	14.272	165	135019	68.548	ng/ul#	92
50) Acenaphthylene	14.425	152	342610	23.430	ng/ul	97
52) Acenaphthene	14.766	153	363265	35.872	ng/ul	94
55) 4-Nitrophenol	14.877	109	26211	12.364	ng/ul	94
56) Dibenzofuran	15.095	168	269341	19.006	ng/ul	92
57) 2,4-Dinitrotoluene	15.048	165	43341	14.824	ng/ul#	89
59) Diethylphthalate	15.518	149	501098	40.990	ng/ul	96
61) Fluorene	15.747	166	294553	25.115	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.741	204	138540	23.796	ng/ul	97
68) 4-Bromophenyl-phenylether	16.634	248	71549	17.120	ng/ul	89
71) Pentachlorophenol	17.081	266	91446	29.600	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Phenanthrene	17.486	178	249014	11.661	ng/ul	98
74) Anthracene	17.580	178	620941	28.436	ng/ul	99
78) Di-n-butylphthalate	18.408	149	661505	29.830	ng/ul	99
80) Fluoranthene	19.489	202	542361	22.181	ng/ul	97
83) Butylbenzylphthalate	20.747	149	51904	5.483	ng/ul	99
85) Benzo(a)anthracene	21.687	228	405922	15.328	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.622	149	974854	70.059	ng/ul	96
89) Di-n-octyl phthalate	22.850	149	882712	37.724	ng/ul	100
90) Benzo(b)fluoranthene	23.908	252	316166m	11.855	ng/ul	
91) Benzo(k)fluoranthene	23.978	252	252182	9.195	ng/ul	99
93) Benzo(a)pyrene	24.777	252	229255	8.929	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.685	278	182496	6.860	ng/ul#	97
96) Benzo(g,h,i)perylene	29.742	276	442995	17.177	ng/ul	95

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

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