Quantitation Report (Qedit)

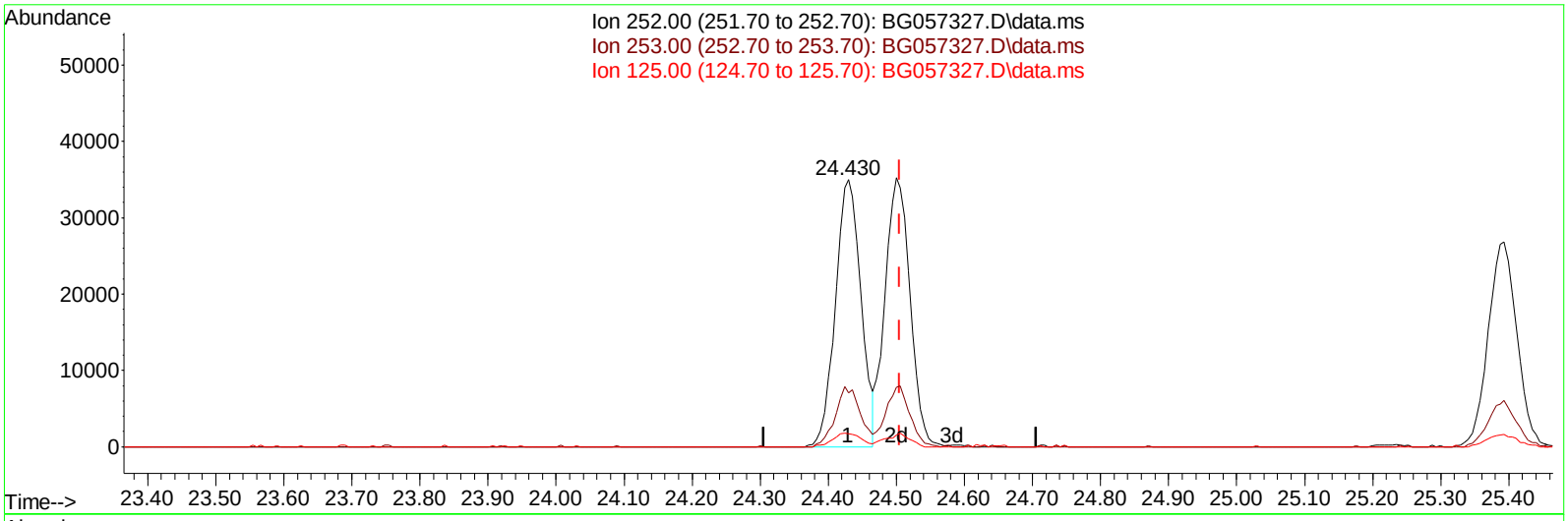
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050823\
Data File : BG057327.D
Acq On : 8 May 2023 11:54
Operator : CG/JU
Sample : 02589-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

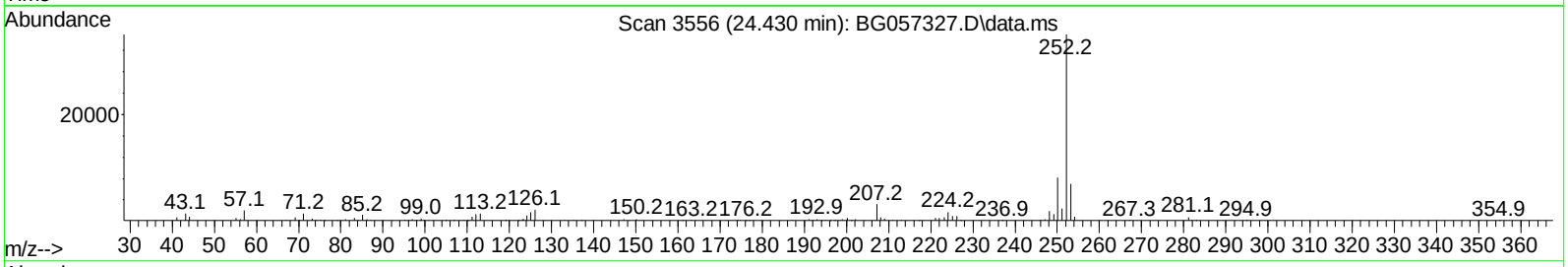
Quant Time: May 09 00:28:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 08 11:47:25 2023
Response via : Initial Calibration

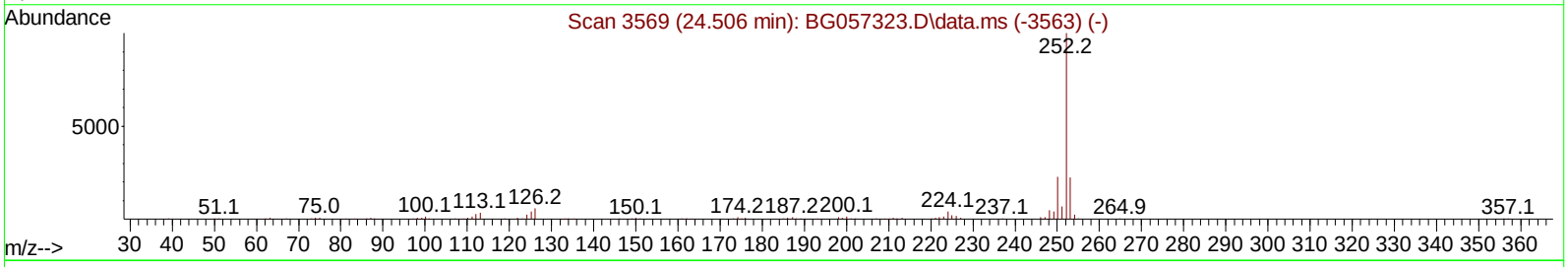
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023







TIC: BG057327.D\data.ms

(91) Benzo(k)fluoranthene

24.430min (-0.076) 11.43 ng/ul

response 91424

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	20.17
125.00	5.60	4.92
0.00	0.00	0.00

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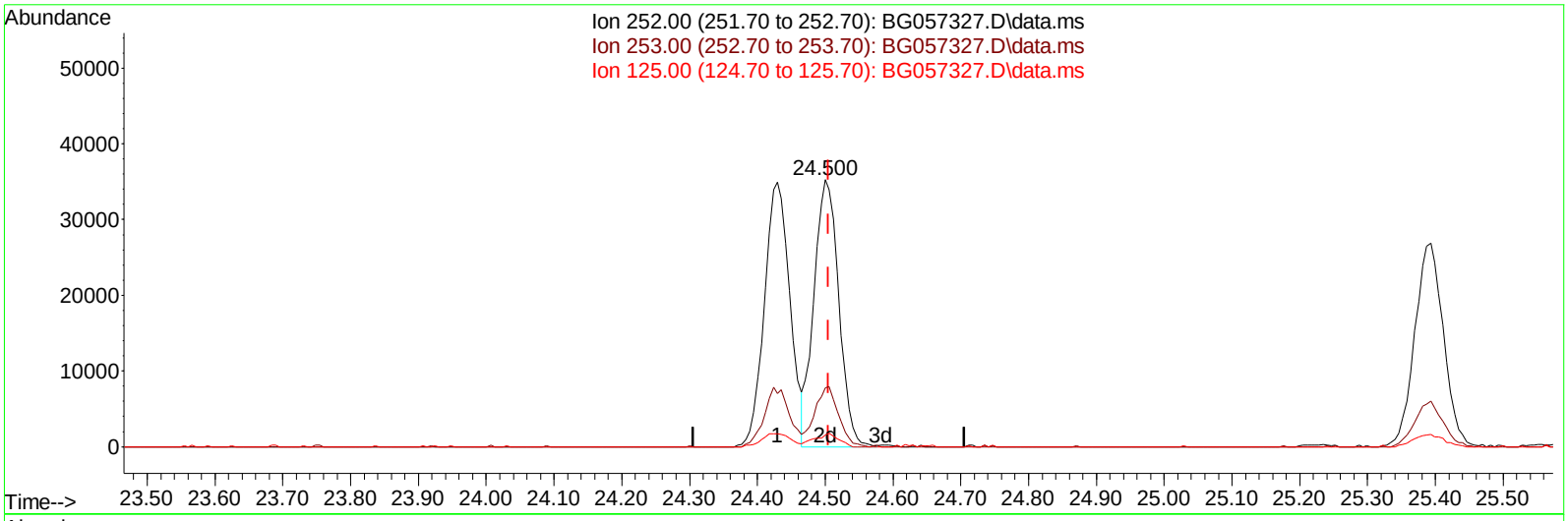

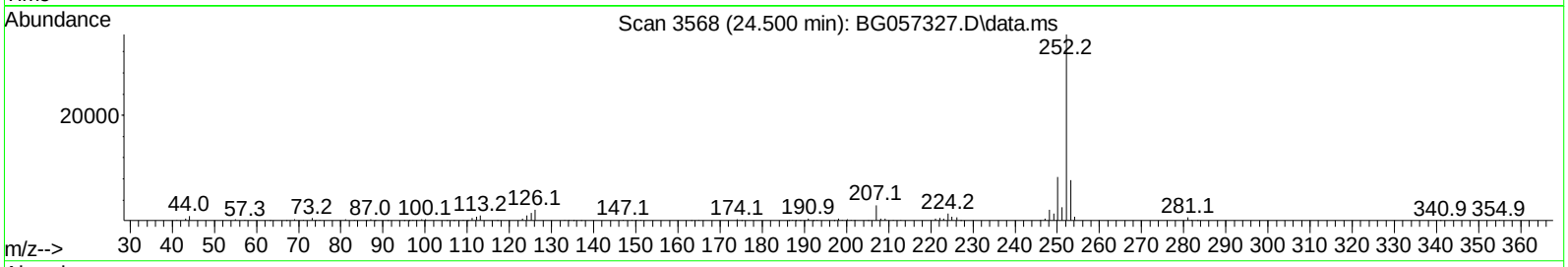

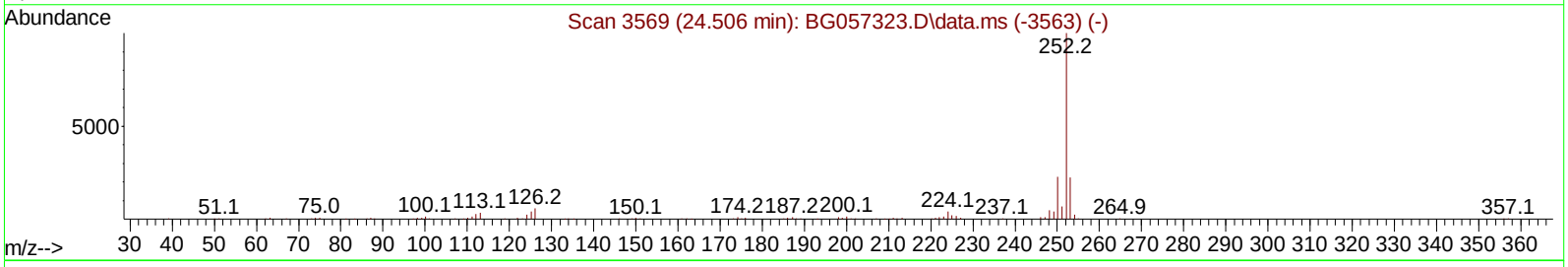

TIC: BG057327.D\data.ms

(91) Benzo(k)fluoranthene

24.500min (-0.005) 11.22 ng/ul m

response 89808

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.17
125.00	5.60	4.33#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.375	152	15050	20.000	ng/ul	0.00
20) Naphthalene-d8	11.212	136	65953	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.990	164	53823	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.727	188	131831	20.000	ng/ul	0.00
79) Chrysene-d12	22.045	240	116115	20.000	ng/ul	0.00
88) Perylene-d12	25.558	264	118775	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.664	96	297	0.868	ng/uL	0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.517	99	11766	8.267	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.676	67	6769	8.086	ng/ul	0.00
11) 2-Chlorophenol-d4	7.899	132	8903	9.492	ng/ul	0.00
15) 4-Methylphenol-d8	9.074	113	8809	8.143	ng/ul	0.00
21) Nitrobenzene-d5	9.550	128	4644	8.842	ng/ul	0.00
24) 2-Nitrophenol-d4	10.284	143	5770	9.413	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.830	165	10936	9.248	ng/ul	0.00
31) 4-Chloroaniline-d4	11.341	131	7070	4.511	ng/ul	0.00
46) Dimethylphthalate-d6	14.373	166	37539	8.802	ng/ul	0.00
49) Acenaphthylene-d8	14.684	160	44686	9.323	ng/ul	0.00
54) 4-Nitrophenol-d4	15.177	143	3462	5.577	ng/ul	0.00
60) Fluorene-d10	15.971	176	36355	9.151	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.094	200	5577	7.140	ng/ul	0.00
73) Anthracene-d10	17.827	188	59776	9.934	ng/ul	0.00
81) Pyrene-d10	20.094	212	73816	10.710	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.317	264	63766	10.538	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.687	88	1702	4.693	ng/uL#	77
6) Benzaldehyde	7.494	77	8067	18.557	ng/ul	87
8) Phenol	7.547	94	13640	9.508	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.776	93	9393	8.749	ng/ul#	85
12) 2-Chlorophenol	7.934	128	9723	9.869	ng/ul	98
13) 2-Methylphenol	8.810	108	10061	9.050	ng/ul	81
14) 2,2'-oxybis(1-Chloropr...	8.886	45	11442	8.266	ng/ul#	96
16) Acetophenone	9.203	105	18138	9.744	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.168	70	9187	8.589	ng/ul#	90
18) 4-Methylphenol	9.139	108	11021	9.158	ng/ul	94
19) Hexachloroethane	9.473	117	4015	9.741	ng/ul	96
22) Nitrobenzene	9.597	77	14396	9.205	ng/ul	95
23) Isophorone	10.108	82	25612	8.607	ng/ul	99
25) 2-Nitrophenol	10.313	139	6185	9.962	ng/ul	95
26) 2,4-Dimethylphenol	10.355	107	10998	7.809	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.584	93	13965	9.028	ng/ul	98
29) 2,4-Dichlorophenol	10.854	162	11751	10.469	ng/ul	93
30) Naphthalene	11.265	128	35455	9.791	ng/ul	99
32) 4-Chloroaniline	11.365	127	12194	7.467	ng/ul	100
33) Hexachlorobutadiene	11.529	225	9819	10.313	ng/ul	96
34) Caprolactam	12.099	113	3471	9.185	ng/ul	90
35) 4-Chloro-3-methylphenol	12.458	107	13193	10.215	ng/ul	92
36) 2-Methylnaphthalene	12.839	142	26645	10.034	ng/ul	93

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	13.057	142	27323	10.232 ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.198	216	19236	9.835 ng/ul	96
40) Hexachlorocyclopentadiene	13.174	237	595	0.610 ng/ul#	95
41) 2,4,6-Trichlorophenol	13.433	196	10998	9.655 ng/ul	94
42) 2,4,5-Trichlorophenol	13.515	196	12039	9.844 ng/ul#	87
43) 1,1'-Biphenyl	13.826	154	39598	9.642 ng/ul	99
44) 2-Chloronaphthalene	13.879	162	31158	9.785 ng/ul	96
45) 2-Nitroaniline	14.073	65	8743	9.095 ng/ul	90
47) Dimethylphthalate	14.420	163	40823	9.532 ng/ul	98
48) 2,6-Dinitrotoluene	14.555	165	8684	9.853 ng/ul#	90
50) Acenaphthylene	14.713	152	48121	9.879 ng/ul	97
51) 3-Nitroaniline	14.884	138	7937	12.709 ng/ul	90
52) Acenaphthene	15.054	153	34025	9.804 ng/ul	99
53) 2,4-Dinitrophenol	15.113	184	2105	4.485 ng/ul	94
55) 4-Nitrophenol	15.201	109	5222	7.421 ng/ul	90
56) Dibenzofuran	15.383	168	49751	9.927 ng/ul	95
57) 2,4-Dinitrotoluene	15.342	165	12368	9.802 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.612	232	10494	9.443 ng/ul#	93
59) Diethylphthalate	15.765	149	42073	9.669 ng/ul	94
61) Fluorene	16.029	166	41331	9.753 ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.006	204	23827	9.633 ng/ul	97
63) 4-Nitroaniline	16.041	138	8252	13.953 ng/ul	96
66) 4,6-Dinitro-2-methylph...	16.106	198	6414	8.059 ng/ul#	87
67) N-Nitrosodiphenylamine	16.217	169	35630	10.346 ng/ul	97
68) 4-Bromophenyl-phenylether	16.899	248	15550	9.869 ng/ul	90
69) Hexachlorobenzene	17.034	284	18091	10.903 ng/ul	98
70) Atrazine	17.145	200	14426	9.426 ng/ul	97
71) Pentachlorophenol	17.392	266	4398	5.734 ng/ul	98
72) Phenanthrene	17.768	178	71546	10.422 ng/ul	99
74) Anthracene	17.862	178	71590	10.381 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.803	216	19717	9.944 ng/uL	96
76) Pentachlorobenzene	15.307	250	20662	10.237 ng/uL	92
77) Carbazole	18.126	167	65043	11.286 ng/ul	99
78) Di-n-butylphthalate	18.643	149	75257	11.420 ng/ul	100
80) Fluoranthene	19.760	202	93454	11.415 ng/ul	98
82) Pyrene	20.124	202	94090	11.352 ng/ul	98
83) Butylbenzylphthalate	20.970	149	31914	12.024 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.915	252	26978	10.462 ng/ul#	94
85) Benzo(a)anthracene	22.021	228	92596	11.275 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.863	149	45850	11.877 ng/ul	96
87) Chrysene	22.092	228	86925	11.219 ng/ul	100
89) Di-n-octyl phthalate	23.161	149	76025	11.591 ng/ul	100
90) Benzo(b)fluoranthene	24.430	252	91424	11.115 ng/ul	98
91) Benzo(k)fluoranthene	24.500	252	89808m	11.223 ng/ul	
93) Benzo(a)pyrene	25.393	252	78854	11.105 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.623	276	100140	11.282 ng/ul	99
95) Dibenzo(a,h)anthracene	29.670	278	83828	11.389 ng/ul	98
96) Benzo(g,h,i)perylene	30.897	276	68434	9.526 ng/ul	97

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

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