Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038985.D
Acq On : 13 Mar 2023 11:55
Operator : CG/JU
Sample : SSTD00539
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 15:12:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 15:08:57 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD005047

Manual IntegrationsAPPROVED

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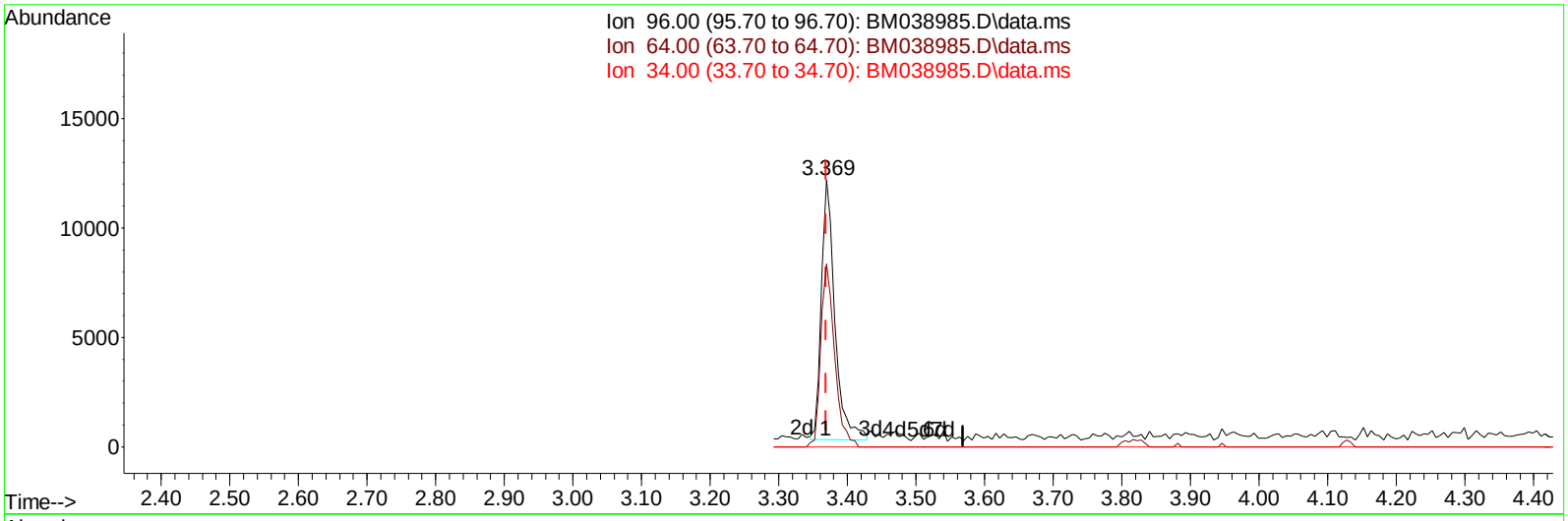
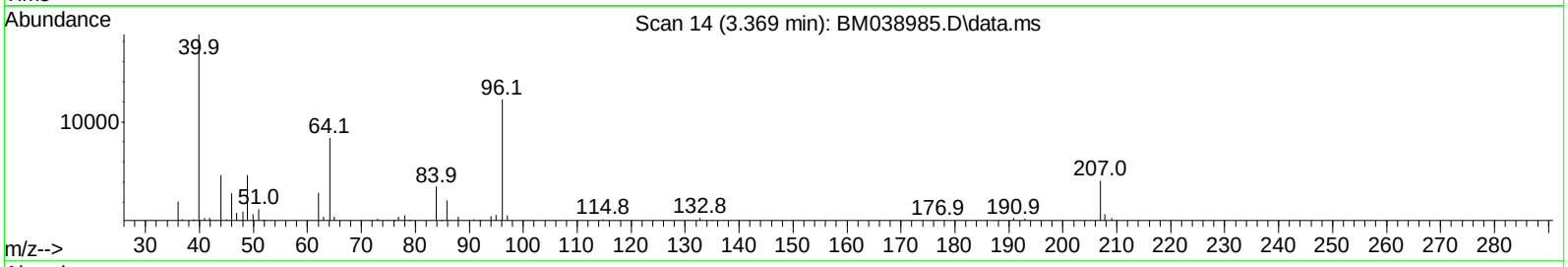
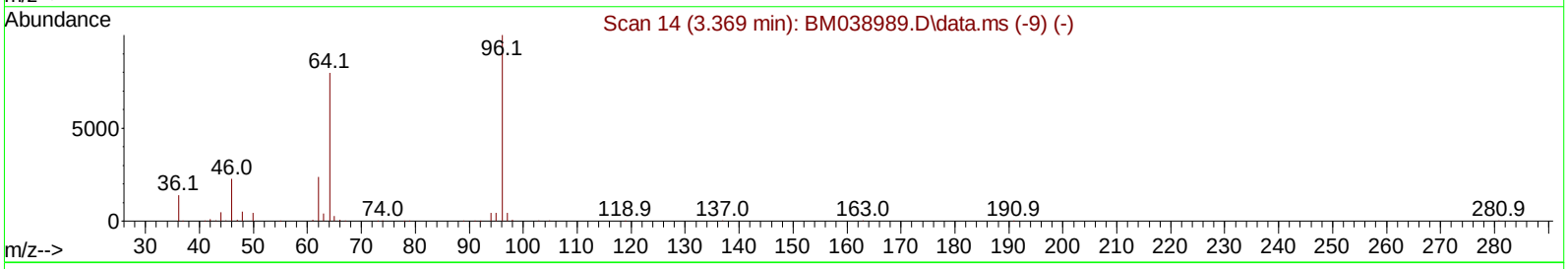
Supervised By :Jagrut Upadhyay 03/14/2023







TIC: BM038985.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.369min (+ 0.000) 2.15 ng/uL

response 16171

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	79.50	68.57
34.00	0.00	0.00
0.00	0.00	0.00

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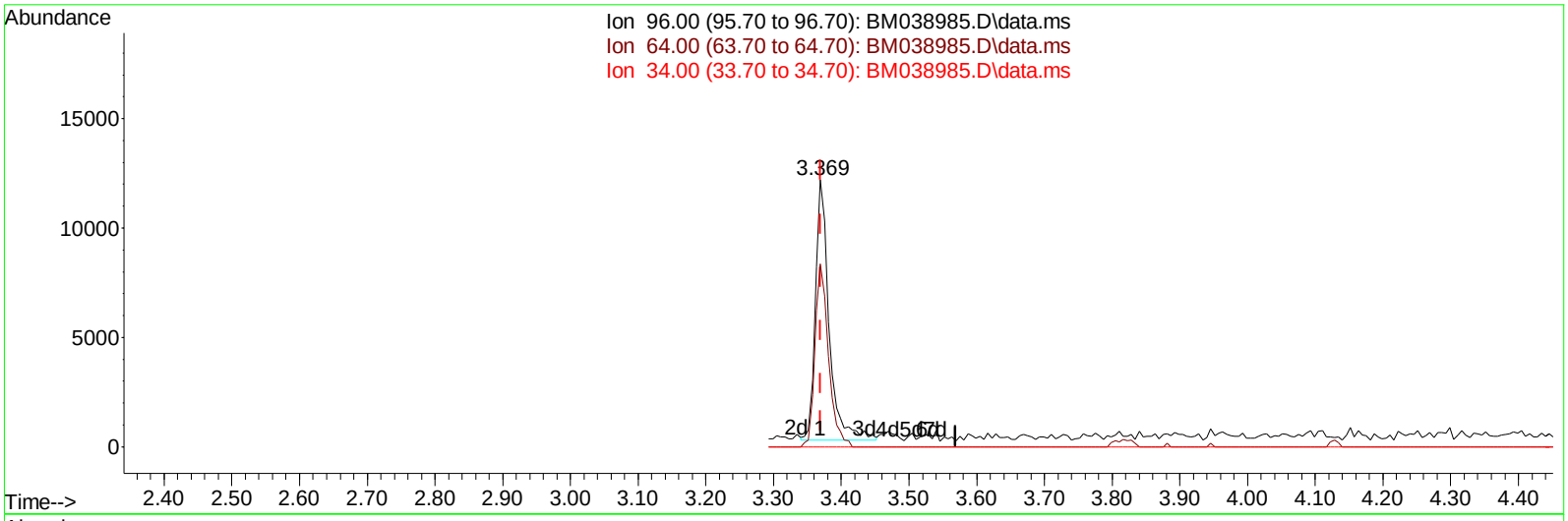

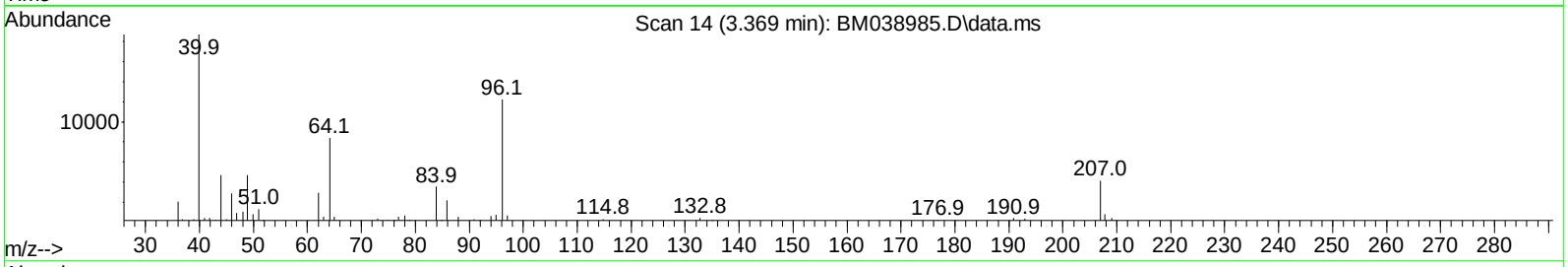

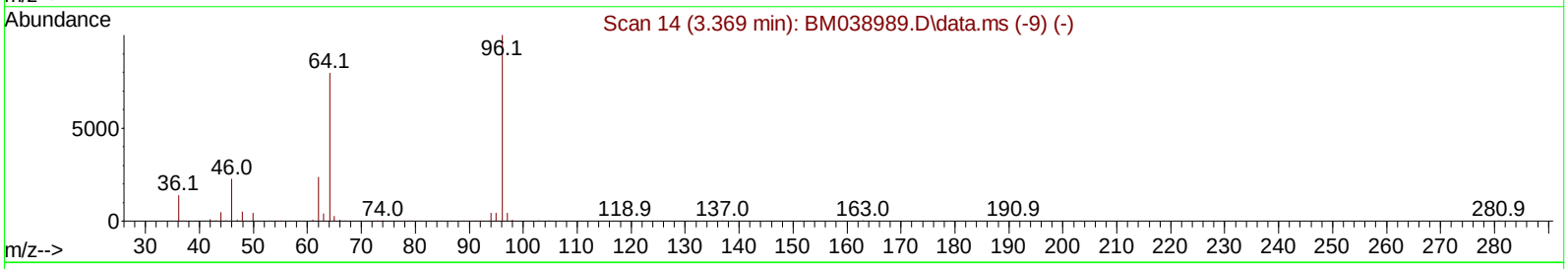

TIC: BM038985.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.369min (+ 0.000) 2.22 ng/uL m

response 16688

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	79.50	68.57
34.00	0.00	0.00
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	7.987	152	280493	20.000	ng/ul	0.00
20) Naphthalene-d8	10.798	136	1199865	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	748868	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1626408	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	1603828	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	1736835	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	16688m	2.222	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.510	132	84828	4.329	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.151	128	43407	5.153	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	38257	4.847	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	76489	4.170	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.033	166	266158	4.589	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	281151	4.147	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.616	176	230982	4.515	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.468	188	347821	4.337	ng/ul	0.00
81) Pyrene-d10	19.756	212	408367	4.629	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	381434	4.358	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	17955	2.224	ng/uL	99
12) 2-Chlorophenol	7.545	128	91684	4.543	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.798	70	78905	4.771	ng/ul	99
19) Hexachloroethane	9.075	117	40821	5.049	ng/ul	98
22) Nitrobenzene	9.192	77	112712	4.891	ng/ul	95
23) Isophorone	9.722	82	210392	4.488	ng/ul	99
25) 2-Nitrophenol	9.910	139	43517	4.649	ng/ul	96
26) 2,4-Dimethylphenol	9.963	107	104166	4.530	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.204	93	140655	4.890	ng/ul	98
29) 2,4-Dichlorophenol	10.439	162	80134	4.310	ng/ul	97
30) Naphthalene	10.851	128	323865	4.730	ng/ul	100
33) Hexachlorobutadiene	11.139	225	52030	4.498	ng/ul	100
35) 4-Chloro-3-methylphenol	12.075	107	90110	4.287	ng/ul	99
36) 2-Methylnaphthalene	12.457	142	203874	4.562	ng/ul	99
37) 1-Methylnaphthalene	12.675	142	206071	4.577	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	102663	4.583	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	59219	4.191	ng/ul	98
42) 2,4,5-Trichlorophenol	13.128	196	63188	4.063	ng/ul	98
43) 1,1'-Biphenyl	13.463	154	281979	4.774	ng/ul	98
44) 2-Chloronaphthalene	13.504	162	215893	4.634	ng/ul	98
45) 2-Nitroaniline	13.704	65	50587	4.812	ng/ul	93
47) Dimethylphthalate	14.080	163	270993	4.610	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	36910	3.968	ng/ul#	78

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.345	152	326702	4.345	ng/ul	99
52) Acenaphthene	14.686	153	240117	4.640	ng/ul	99
56) Dibenzofuran	15.021	168	334900	4.661	ng/ul	100
57) 2,4-Dinitrotoluene	14.980	165	58218	4.049	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.245	232	55674	4.112	ng/ul	97
59) Diethylphthalate	15.439	149	263658	4.533	ng/ul	100
61) Fluorene	15.669	166	274806	4.562	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.663	204	131454	4.520	ng/ul	95
67) N-Nitrosodiphenylamine	15.874	169	221132	4.495	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	72257	4.316	ng/ul	100
69) Hexachlorobenzene	16.674	284	88392	4.359	ng/ul	96
72) Phenanthrene	17.410	178	437249	4.653	ng/ul	99
74) Anthracene	17.498	178	429392	4.488	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	104379	4.554	ng/uL	97
76) Pentachlorobenzene	14.939	250	106042	4.503	ng/uL	100
78) Di-n-butylphthalate	18.339	149	397053	4.392	ng/ul	100
80) Fluoranthene	19.421	202	475228	4.684	ng/ul	97
82) Pyrene	19.786	202	530292	4.767	ng/ul	99
83) Butylbenzylphthalate	20.686	149	165094	5.585	ng/ul	99
85) Benzo(a)anthracene	21.533	228	507226	4.577	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.462	149	260233	5.296	ng/ul	99
87) Chrysene	21.586	228	502561	4.638	ng/ul	99
90) Benzo(b)fluoranthene	23.250	252	520351	4.825	ng/ul	99
91) Benzo(k)fluoranthene	23.297	252	492623	4.447	ng/ul	99
93) Benzo(a)pyrene	23.886	252	438085	4.385	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.532	276	537566	4.071	ng/ul	96
95) Dibenzo(a,h)anthracene	26.556	278	446920	4.012	ng/ul	98
96) Benzo(g,h,i)perylene	27.315	276	436690	4.039	ng/ul	99

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

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