Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
Data File : BG050409.D
Acq On : 4 Oct 2021 11:22
Operator : CG/JU
Sample : PB139386BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 12:15:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS386

Manual Integrations APPROVED
mohammad
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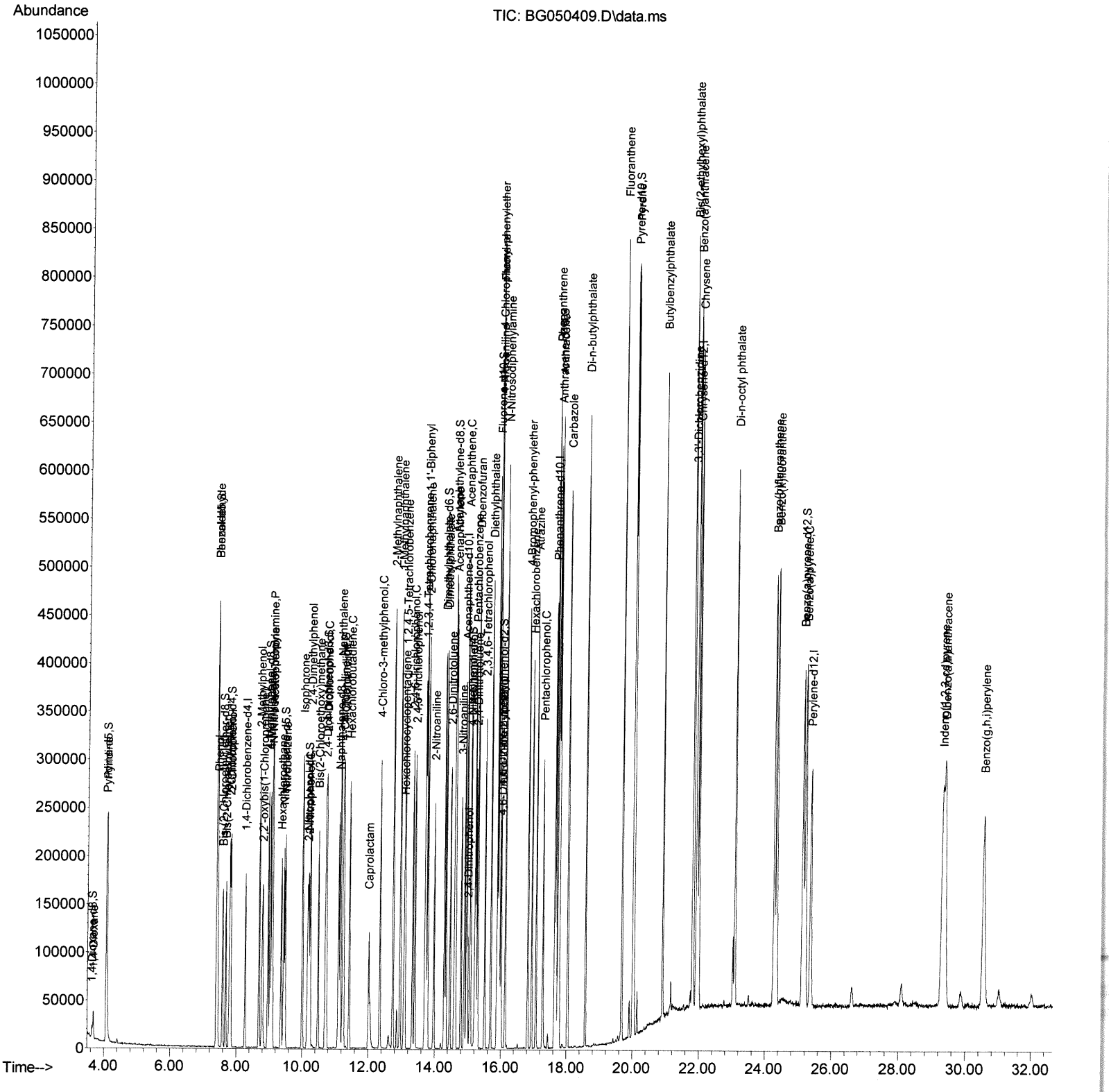

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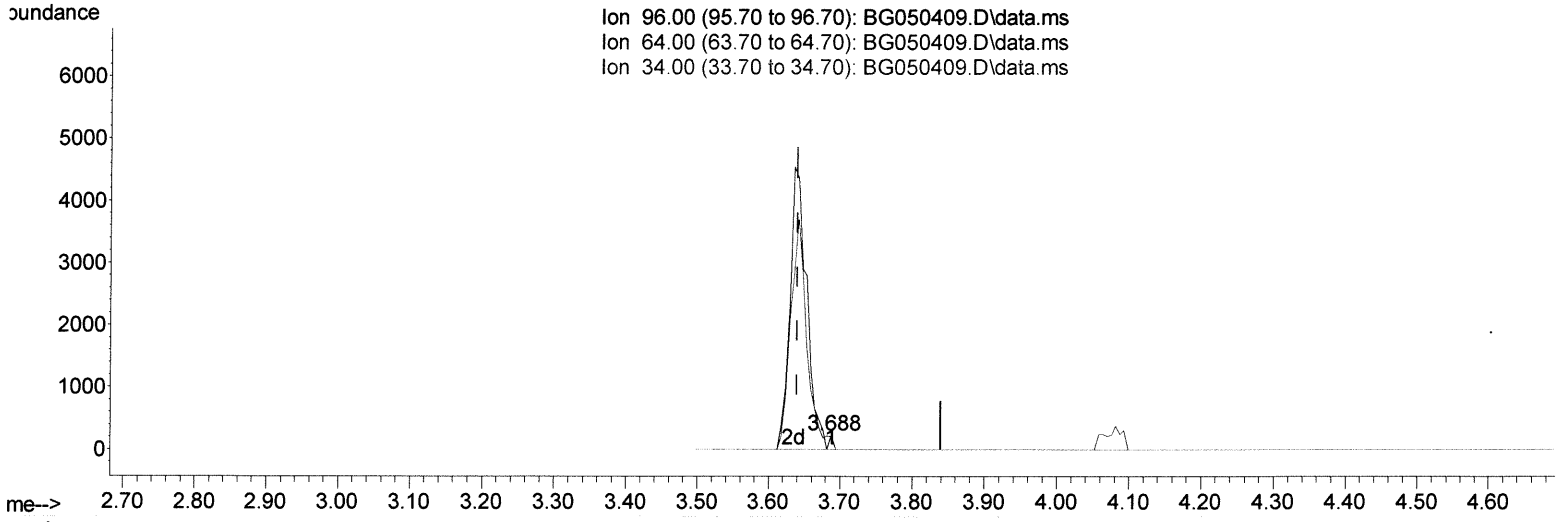

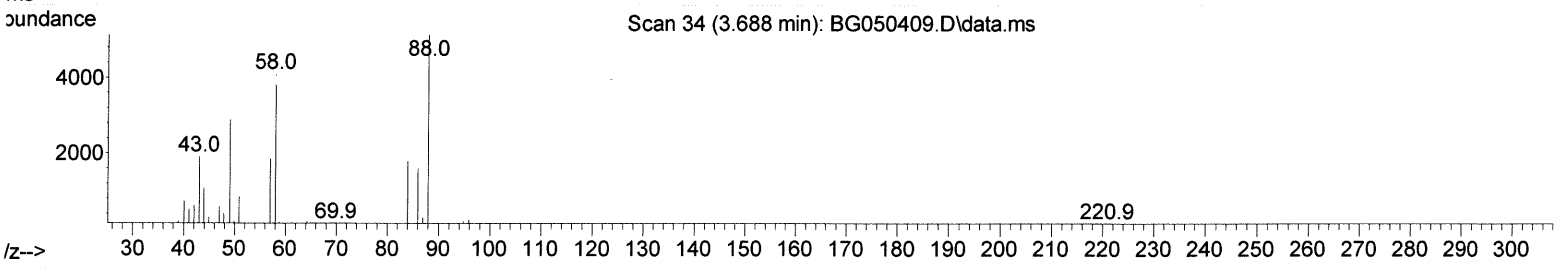

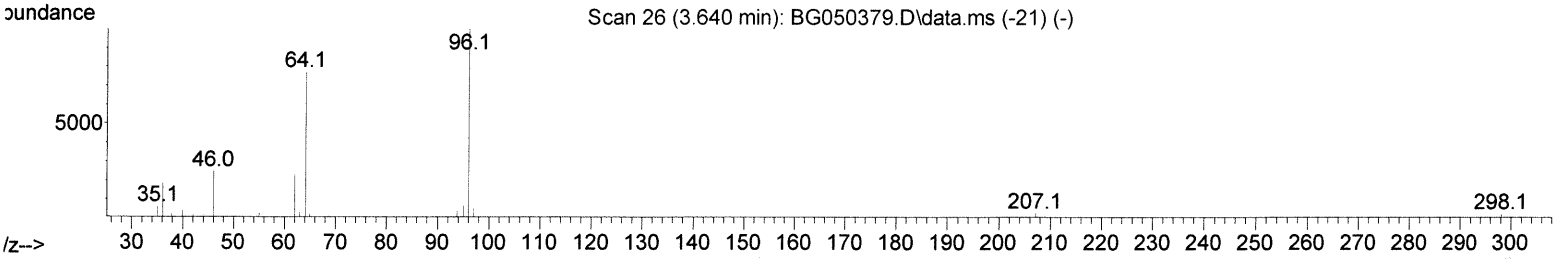

TIC: BG050409.D\data.ms

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

3.688min (+ 0.048) 0.06 ng/uL

response 81

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	89.00	85.65
34.00	0.00	0.00
0.00	0.00	0.00

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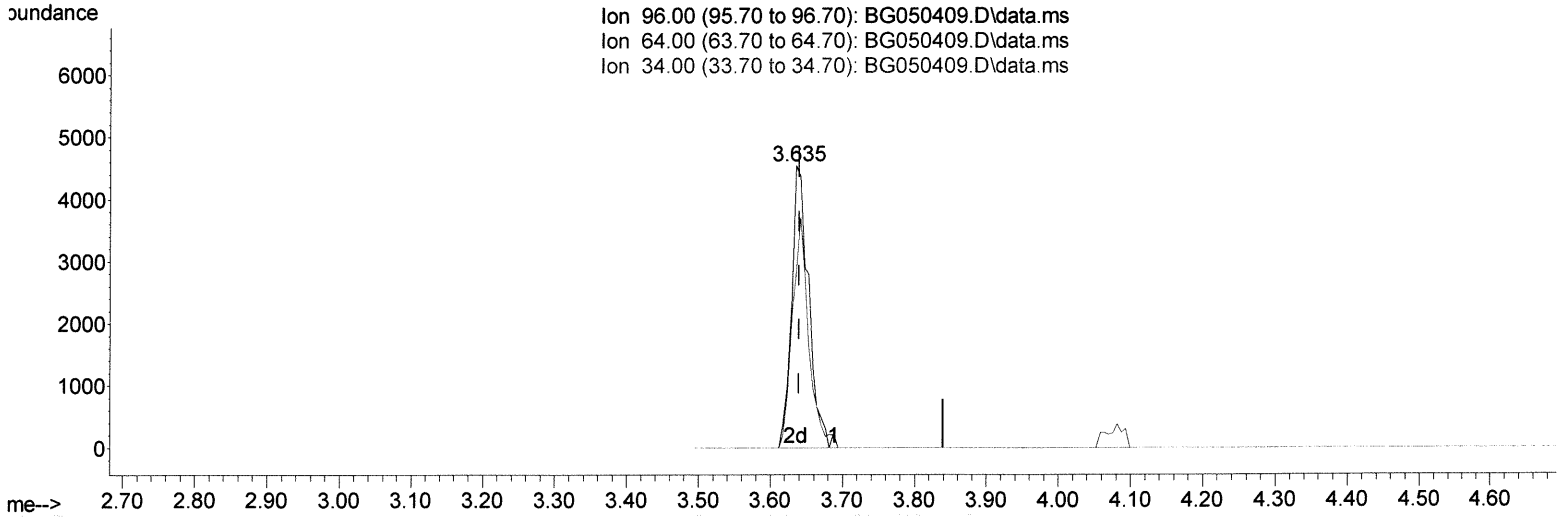

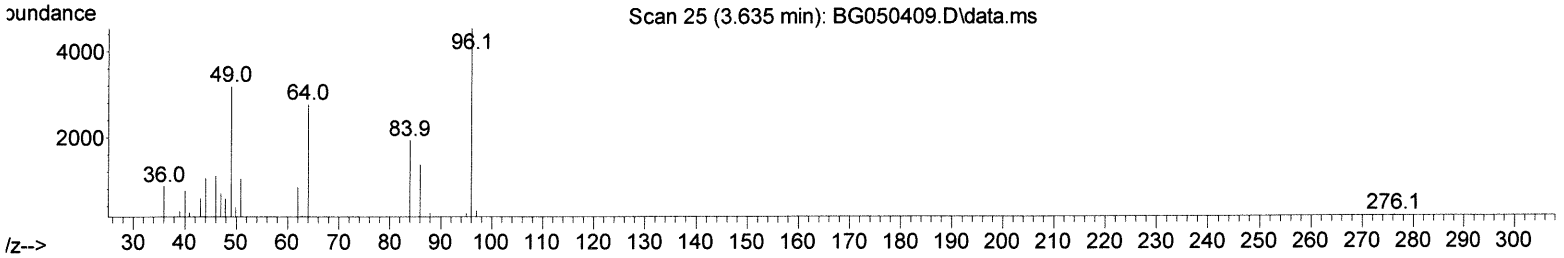

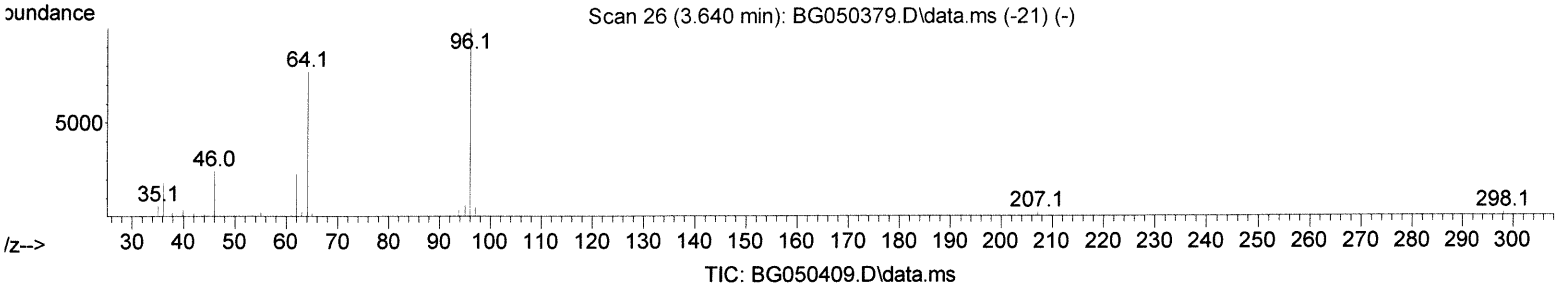

TIC: BG050409.D\data.ms

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

3.635min (-0.005) 5.52 ng/uL m JH 10/08/21

response 7428

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	89.00	61.24#
34.00	0.00	0.00
0.00	0.00	0.00

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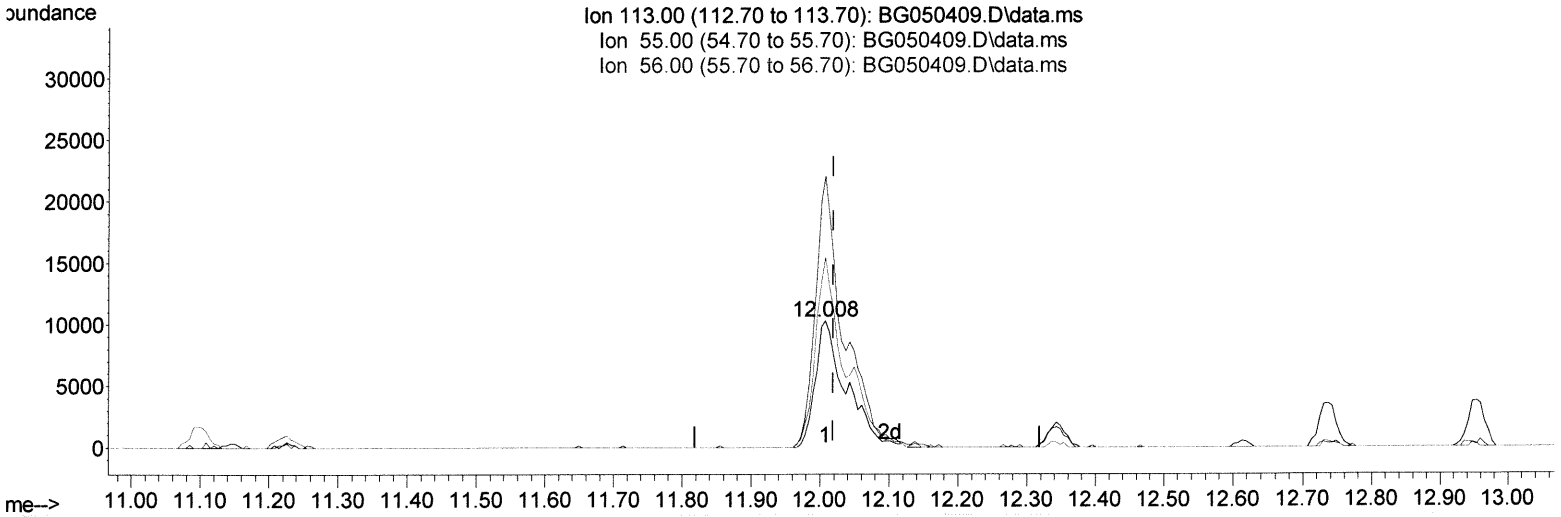

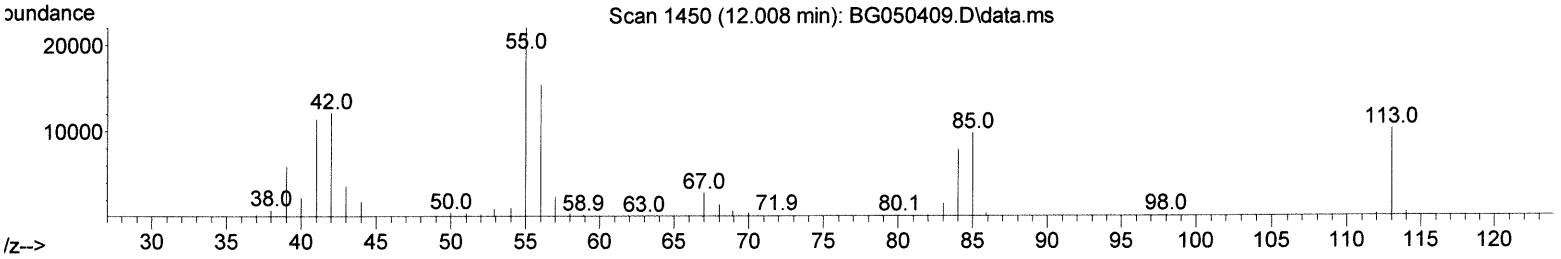

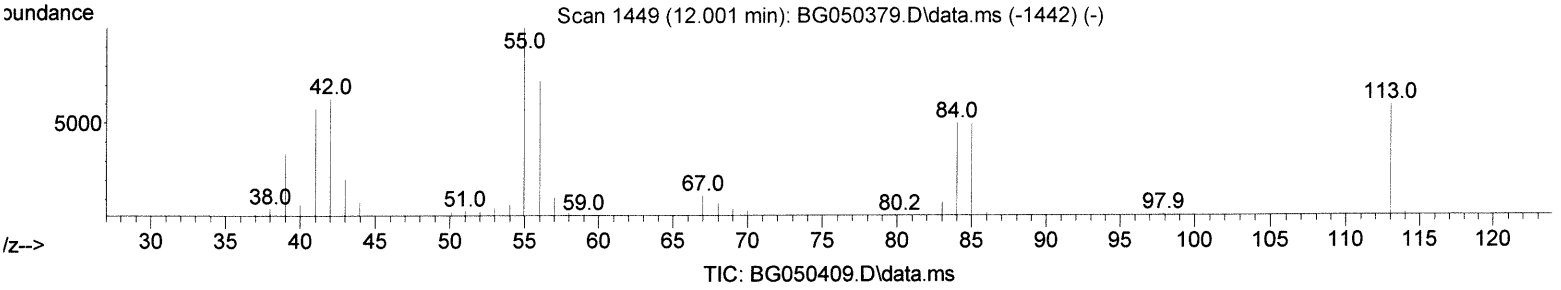

(34) Caprolactam

12.008min (-0.011) 19.87 ng/ul

response 23228

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	215.18
56.00	132.30	150.80
0.00	0.00	0.00

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Sample : PB139386BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

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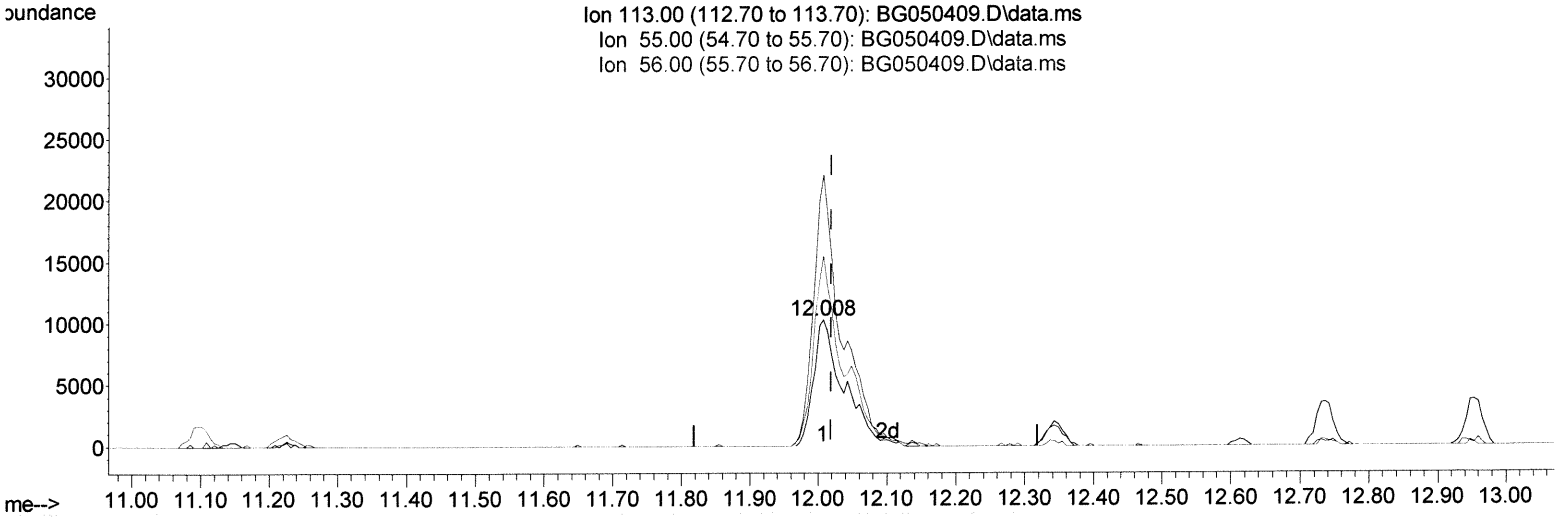

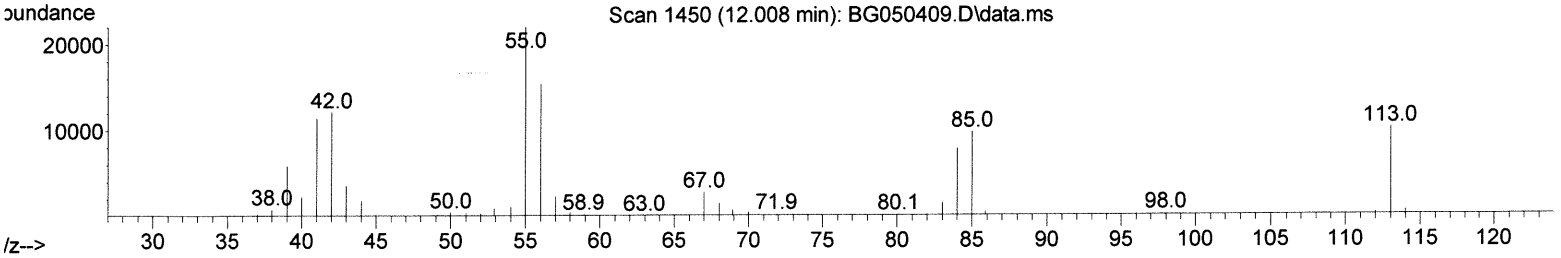

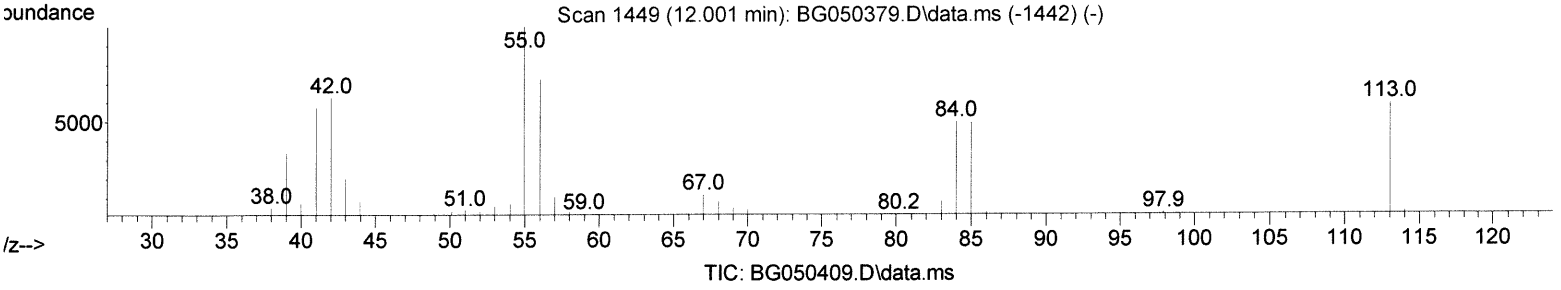

TIC: BG050409.D\data.ms

(34) Caprolactam

12.008min (-0.011) 26.79 ng/ul m

response 31324

JU 10/08/21

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	215.18
56.00	132.30	150.80
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	49451	20.000	ng/ul	0.00
20) Naphthalene-d8	11.103	136	206160	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.892	164	129081	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.636	188	277592	20.000	ng/ul	0.00
79) Chrysene-d12	21.937	240	252956	20.000	ng/ul	#-0.01
88) Perylene-d12	25.374	264	254204	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	7428m	5.519	ng/uL	0.00
4) Pyridine-d5	4.064	84	112015	27.928	ng/ul	0.00
7) Phenol-d5	7.407	99	129141	29.890	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.589	67	83322	30.643	ng/ul	0.00
11) 2-Chlorophenol-d4	7.801	132	91760	30.311	ng/ul	0.00
15) 4-Methylphenol-d8	8.964	113	99845	30.532	ng/ul	0.00
21) Nitrobenzene-d5	9.446	128	46581	32.298	ng/ul	0.00
24) 2-Nitrophenol-d4	10.169	143	49908	32.244	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.703	165	89332	29.227	ng/ul	0.00
31) 4-Chloroaniline-d4	11.226	131	122646	28.089	ng/ul	0.00
46) Dimethylphthalate-d6	14.287	166	263719	29.853	ng/ul	0.00
49) Acenaphthylene-d8	14.587	160	338848	30.543	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	51211	30.098	ng/ul	0.00
60) Fluorene-d10	15.879	176	234441	29.456	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	37266	26.915	ng/ul	0.00
73) Anthracene-d10	17.736	188	362430	30.905	ng/ul	0.00
81) Pyrene-d10	20.004	212	429676	31.945	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.133	264	372777	29.164	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.676	88	17723	10.883	ng/uL	97
5) Pyridine	4.082	79	111933	27.551	ng/ul	98
6) Benzaldehyde	7.407	77	89835	31.528	ng/ul	96
8) Phenol	7.436	94	130801	29.536	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.683	93	98869	29.765	ng/ul	99
12) 2-Chlorophenol	7.830	128	92203	29.769	ng/ul	93
13) 2-Methylphenol	8.700	108	97193	29.781	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.794	45	159475	31.999	ng/ul	99
16) Acetophenone	9.099	105	152468	29.344	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.076	70	90937	29.122	ng/ul	95
18) 4-Methylphenol	9.029	108	99713	28.850	ng/ul	99
19) Hexachloroethane	9.364	117	39155	29.415	ng/ul	93
22) Nitrobenzene	9.487	77	134729	31.170	ng/ul	97
23) Isophorone	10.010	82	237221	28.557	ng/ul	99
25) 2-Nitrophenol	10.204	139	50975	32.043	ng/ul	95
26) 2,4-Dimethylphenol	10.245	107	113381	28.712	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.486	93	130220	29.036	ng/ul	99
29) 2,4-Dichlorophenol	10.733	162	86933	28.728	ng/ul	93
30) Naphthalene	11.150	128	303921	28.714	ng/ul	98
32) 4-Chloroaniline	11.250	127	120015	27.301	ng/ul	96
33) Hexachlorobutadiene	11.426	225	60751	27.626	ng/ul	97
34) Caprolactam	12.008	113	31324m	26.793	ng/ul	99
35) 4-Chloro-3-methylphenol	12.342	107	104819	29.380	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.736	142	211347	29.370	ng/ul	99
37) 1-Methylnaphthalene	12.953	142	195868	27.037	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.094	216	111652	29.973	ng/ul#	98
40) Hexachlorocyclopentadiene	13.071	237	50570	20.471	ng/ul	89
41) 2,4,6-Trichlorophenol	13.329	196	73547	31.325	ng/ul	100
42) 2,4,5-Trichlorophenol	13.400	196	77677	30.244	ng/ul	99
43) 1,1'-Biphenyl	13.729	154	259729	29.900	ng/ul	100
44) 2-Chloronaphthalene	13.776	162	202627	29.774	ng/ul	99
45) 2-Nitroaniline	13.970	65	78029	35.021	ng/ul	91
47) Dimethylphthalate	14.334	163	255630	28.760	ng/ul	99
48) 2,6-Dinitrotoluene	14.458	165	52879	31.627	ng/ul	93
50) Acenaphthylene	14.616	152	307441	27.320	ng/ul	100
51) 3-Nitroaniline	14.787	138	56359	30.989	ng/ul	88
52) Acenaphthene	14.957	153	223588	30.062	ng/ul	97
53) 2,4-Dinitrophenol	14.992	184	23976	23.006	ng/ul#	86
55) 4-Nitrophenol	15.075	109	49548	29.449	ng/ul	92
56) Dibenzofuran	15.286	168	309074	28.573	ng/ul	96
57) 2,4-Dinitrotoluene	15.239	165	75376	31.047	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.503	232	64925	29.396	ng/ul	93
59) Diethylphthalate	15.686	149	265841	28.664	ng/ul	100
61) Fluorene	15.932	166	244761	28.441	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.921	204	129912	27.874	ng/ul	94
63) 4-Nitroaniline	15.944	138	59142	32.202	ng/ul	98
66) 4,6-Dinitro-2-methylph...	16.003	198	36063	26.350	ng/ul	93
67) N-Nitrosodiphenylamine	16.132	169	218300	31.103	ng/ul	99
68) 4-Bromophenyl-phenylether	16.814	248	78337	30.311	ng/ul	90
69) Hexachlorobenzene	16.937	284	81380	29.903	ng/ul	97
70) Atrazine	17.072	200	87119	29.153	ng/ul	95
71) Pentachlorophenol	17.278	266	53580	30.063	ng/ul	94
72) Phenanthrene	17.677	178	411434	29.693	ng/ul	99
74) Anthracene	17.771	178	405973	29.583	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.694	216	117015	31.974	ng/uL	97
76) Pentachlorobenzene	15.204	250	99688	29.816	ng/uL	99
77) Carbazole	18.030	167	381151	31.030	ng/ul	99
78) Di-n-butylphthalate	18.570	149	460489	31.637	ng/ul	99
80) Fluoranthene	19.675	202	508244	30.089	ng/ul	100
82) Pyrene	20.033	202	500376	30.041	ng/ul	98
83) Butylbenzylphthalate	20.909	149	202862	33.042	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.820	252	161804	31.034	ng/ul	98
85) Benzo(a)anthracene	21.919	228	459535	30.134	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.796	149	298209	33.801	ng/ul	99
87) Chrysene	21.990	228	438095	29.977	ng/ul	98
89) Di-n-octyl phthalate	23.089	149	501208	34.313	ng/ul	100
90) Benzo(b)fluoranthene	24.270	252	452061	29.196	ng/ul	99
91) Benzo(k)fluoranthene	24.346	252	443693	30.795	ng/ul	99
93) Benzo(a)pyrene	25.210	252	403119	27.287	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.305	276	500182	30.156	ng/ul	97
95) Dibenzo(a,h)anthracene	29.381	278	421333	29.850	ng/ul	98
96) Benzo(g,h,i)perylene	30.545	276	415904	29.745	ng/ul	98

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