

mohammad
7/19/2021 11:53:26 AM

Abundance

TIC: BG049380.D

1800000

1700000

1600000

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1400000

1300000

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1000000

900000

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4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 30.00 32.00

1,4-Dioxane-d8,S

Pyridine-d5,S

Bis(2-chlorophenyl) ether

1,4-Dichlorobenzene-d4,I

2,2'-bis[4-(4-chlorophenyl)phenyl]propane

2,2'-bis[4-(4-chlorophenyl)phenyl]propane,P

Hexachlorocyclopentadiene

2-Nitrofluorene

2-Nitrofluorene-d8,S

2-Nitrofluorene-d10,I

2-Nitrofluorene-d12,S

2-Nitrofluorene-d14,S

2-Nitrofluorene-d16,S

2-Nitrofluorene-d18,S

2-Nitrofluorene-d20,S

2-Nitrofluorene-d22,S

2-Nitrofluorene-d24,S

2-Nitrofluorene-d26,S

2-Nitrofluorene-d28,S

2-Nitrofluorene-d30,S

2-Nitrofluorene-d32,S

2-Nitrofluorene-d34,S

2-Nitrofluorene-d36,S

2-Nitrofluorene-d38,S

2-Nitrofluorene-d40,S

2-Nitrofluorene-d42,S

2-Nitrofluorene-d44,S

2-Nitrofluorene-d46,S

2-Nitrofluorene-d48,S

2-Nitrofluorene-d50,S

2-Nitrofluorene-d52,S

2-Nitrofluorene-d54,S

2-Nitrofluorene-d56,S

2-Nitrofluorene-d58,S

2-Nitrofluorene-d60,S

2-Nitrofluorene-d62,S

2-Nitrofluorene-d64,S

2-Nitrofluorene-d66,S

2-Nitrofluorene-d68,S

2-Nitrofluorene-d70,S

2-Nitrofluorene-d72,S

2-Nitrofluorene-d74,S

2-Nitrofluorene-d76,S

2-Nitrofluorene-d78,S

2-Nitrofluorene-d80,S

2-Nitrofluorene-d82,S

2-Nitrofluorene-d84,S

2-Nitrofluorene-d86,S

2-Nitrofluorene-d88,S

2-Nitrofluorene-d90,S

2-Nitrofluorene-d92,S

2-Nitrofluorene-d94,S

2-Nitrofluorene-d96,S

2-Nitrofluorene-d98,S

2-Nitrofluorene-d100,S

2-Nitrofluorene-d102,S

2-Nitrofluorene-d104,S

2-Nitrofluorene-d106,S

2-Nitrofluorene-d108,S

2-Nitrofluorene-d110,S

2-Nitrofluorene-d112,S

2-Nitrofluorene-d114,S

2-Nitrofluorene-d116,S

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2-Nitrofluorene-d430,S

2-Nitrofluorene-d432,S

2-Nitrofluorene-d434,S

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2-Nitrofluorene-d438,S

Quantitation Report (Qedit)

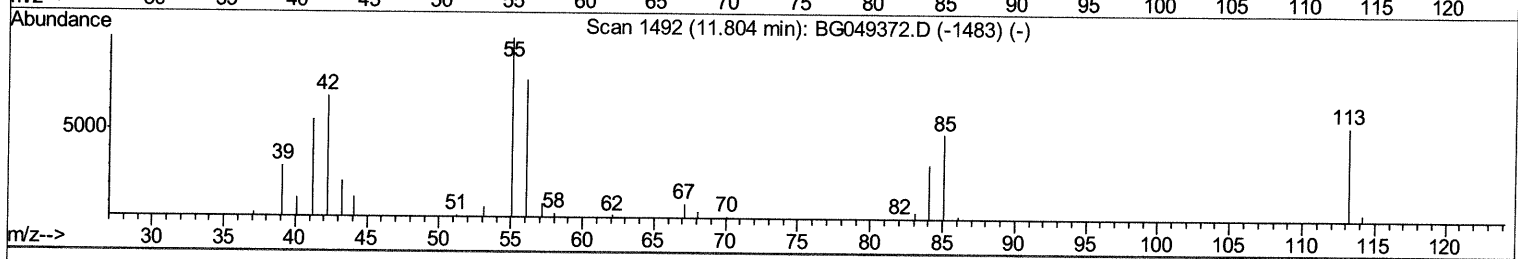
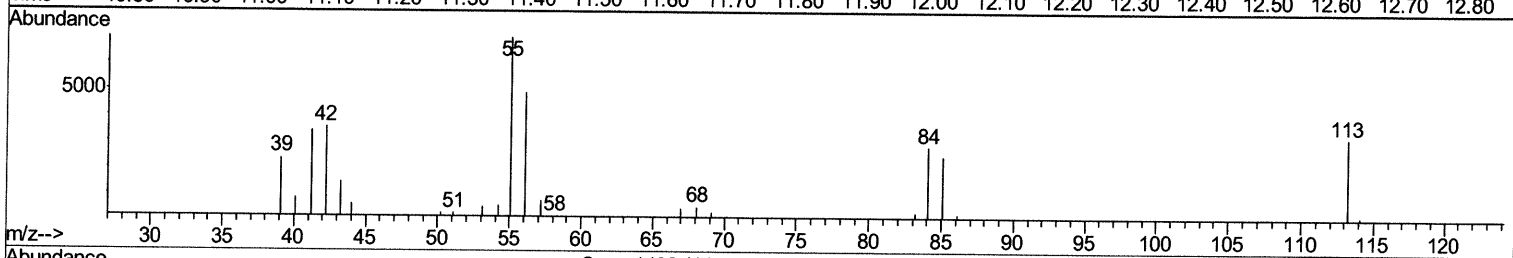
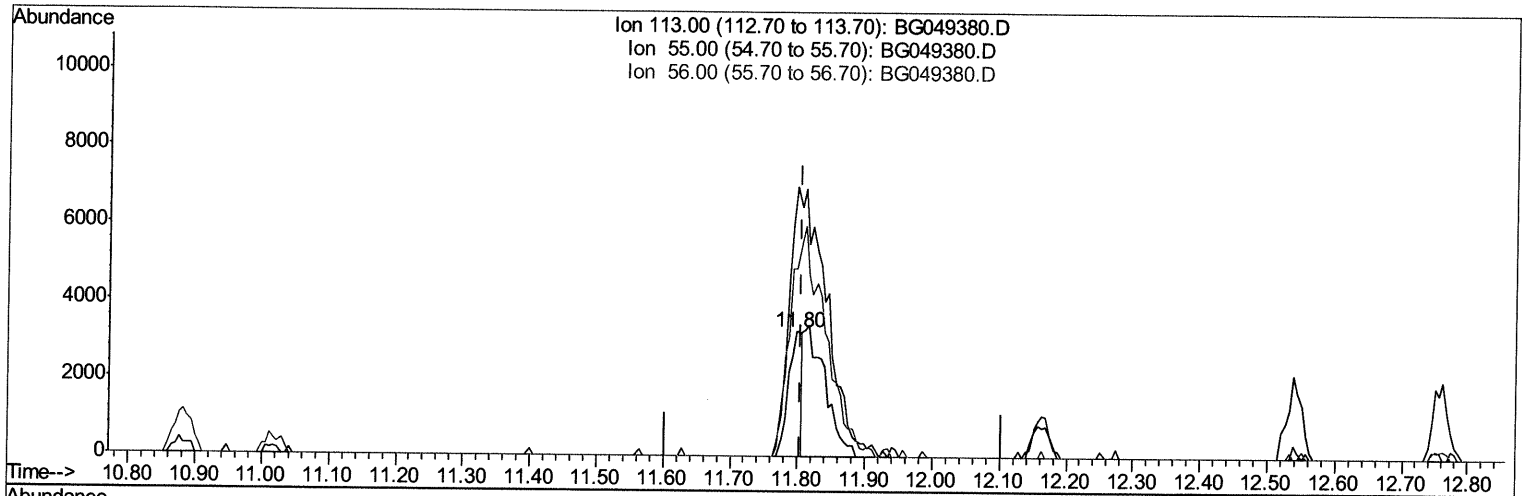
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 Data File : BG049380.D
 Acq On : 16 Jul 2021 16:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
LabSampleId :
 SSTDCCC020

Manual Integrations
APPROVED

mohammad
 7/19/2021 11:53:26 AM

Quant Time: Jul 16 16:53:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 16 15:19:54 2021
 Response via : Initial Calibration



TIC: BG049380.D

(34) Caprolactam

11.798min (-0.006) 7.01ng/ul

response 4467

Ion	Exp%	Act%
113.00	100	100
55.00	186.50	216.09
56.00	144.60	150.25
0.00	0.00	0.00

Quantitation Report (Qedit)

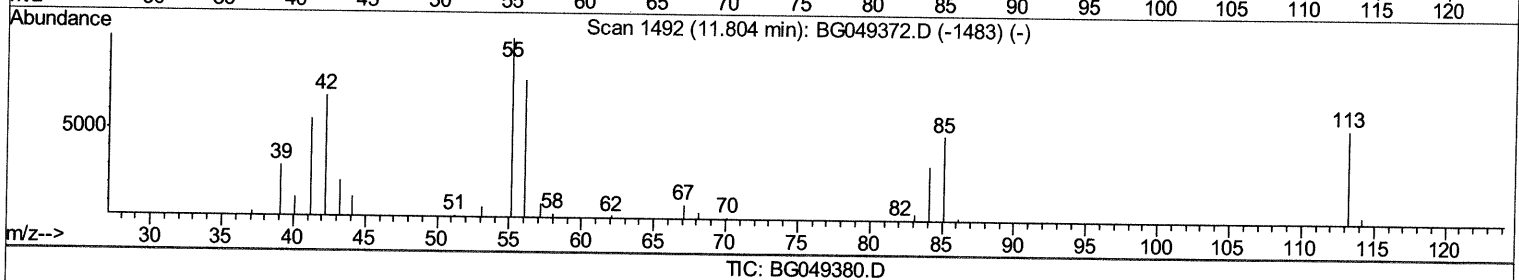
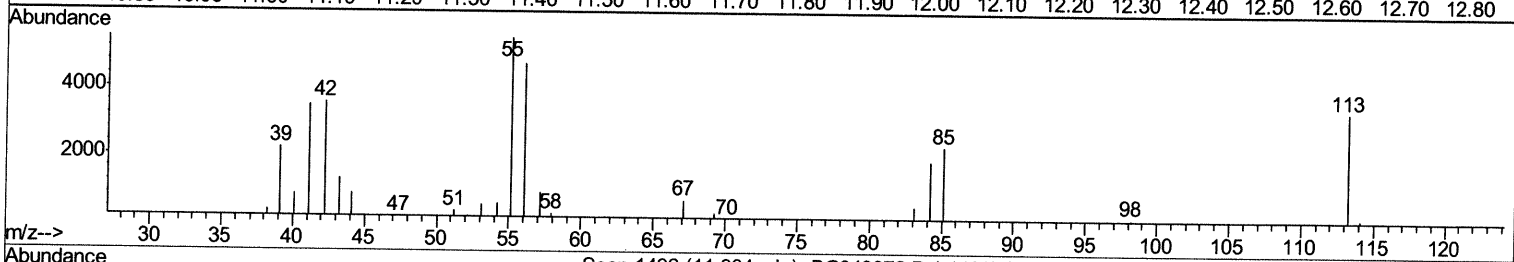
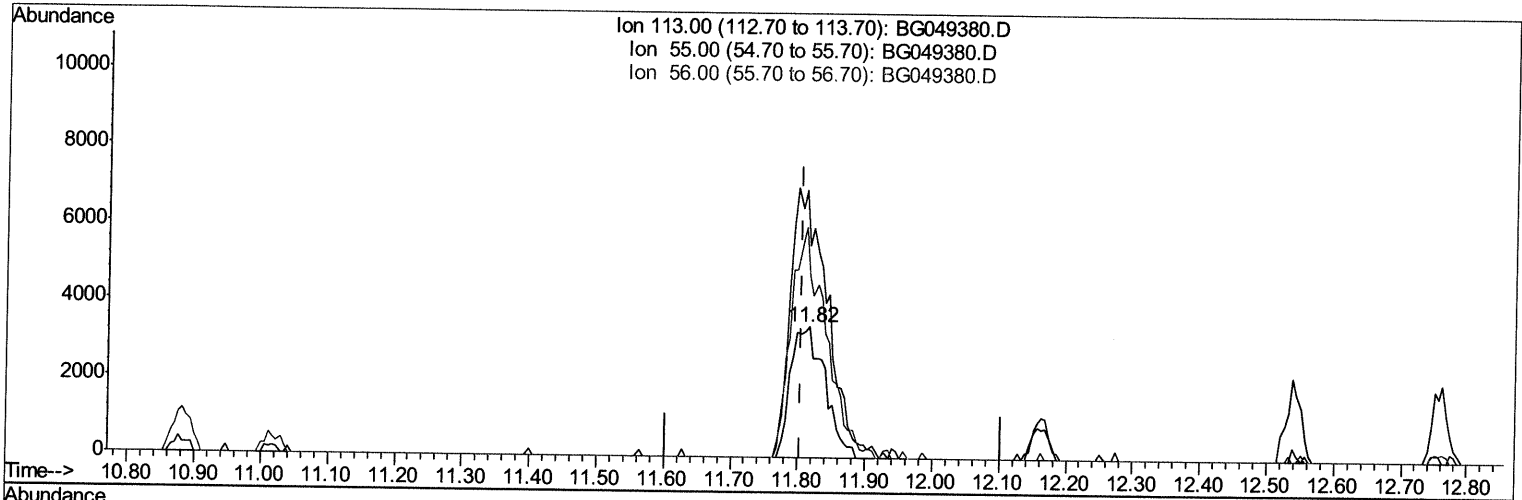
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TIC: BG049380.D

(34) Caprolactam

11.816min (+0.012) 18.90ng/ul m 07/22/21 JU

response 12054

Ion	Exp%	Act%
113.00	100	100
55.00	186.50	161.81
56.00	144.60	138.98
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27350	20.00	ng/ul	0.00
20) Naphthalene-d8	10.88	136	116706	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.71	164	86722	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	199973	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	199232	20.00	ng/ul	0.00
88) Perylene-d12	25.03	264	210223	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	4268	7.34	ng/uL	0.00
4) Pvrindine-d5	3.87	84	29365	17.18	ng/ul	0.00
7) Phenol-d5	7.22	99	47513	19.97	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.38	67	26650	19.31	ng/ul	0.00
11) 2-Chlorophenol-d4	7.59	132	35845	20.39	ng/ul	0.00
15) 4-Methylphenol-d8	8.77	113	39161	20.54	ng/ul	0.00
21) Nitrobenzene-d5	9.23	128	18562	20.73	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	21944	21.35	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.50	165	42553	21.21	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	53762	20.57	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	134850	20.22	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	156511	20.00	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	19744	17.89	ng/ul	0.00
60) Fluorene-d10	15.71	176	110944	19.65	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	21643	17.03	ng/ul	0.00
73) Anthracene-d10	17.56	188	184435	20.26	ng/ul	0.00
81) Pyrene-d10	19.85	212	216608	21.21	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	224512	20.54	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.48	88	5468	7.722	ng/uL 90
5) Pvrindine	3.90	79	30989	16.339	ng/ul 88
6) Benzaldehyde	7.19	77	34188	23.887	ng/ul 95
8) Phenol	7.24	94	46321	19.469	ng/ul 90
10) Bis(2-Chloroethyl)ether	7.47	93	33733	19.068	ng/ul 99
12) 2-Chlorophenol	7.63	128	35443	19.970	ng/ul 99
13) 2-Methylphenol	8.50	108	35944	19.833	ng/ul 96
14) 2,2'-oxybis(1-Chloropropan	8.59	45	58424	20.533	ng/ul 97
16) Acetophenone	8.89	105	63989	20.465	ng/ul 94
17) N-Nitroso-di-n-propylamine	8.87	70	32348	20.360	ng/ul 99
18) 4-Methylphenol	8.84	108	38350	20.341	ng/ul 98
19) Hexachloroethane	9.15	117	15946	19.844	ng/ul# 79
22) Nitrobenzene	9.27	77	52238	20.684	ng/ul# 88
23) Isophorone	9.79	82	90185	20.672	ng/ul 95
25) 2-Nitrophenol	9.99	139	20868	19.897	ng/ul 95
26) 2,4-Dimethylphenol	10.05	107	47947	20.646	ng/ul 96
27) Bis(2-Chloroethoxy)methane	10.28	93	48160	20.705	ng/ul 97
29) 2,4-Dichlorophenol	10.53	162	38574	21.045	ng/ul 98
30) Naphthalene	10.93	128	120659	20.736	ng/ul 96
32) 4-Chloroaniline	11.03	127	50705	19.674	ng/ul 99
33) Hexachlorobutadiene	11.22	225	31908	20.528	ng/ul# 84
34) Caprolactam	11.82	113	12054m >	18.904	ng/ul > 07/22/21ju

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.16	107	44929	21.944	ng/ul	98
36) 2-Methylnaphthalene	12.54	142	93951	21.252	ng/ul	91
37) 1-Methylnaphthalene	12.76	142	93079	21.171	ng/ul#	97
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	54190	19.895	ng/ul	99
40) Hexachlorocyclopentadiene	12.89	237	22082	12.207	ng/ul	99
41) 2,4,6-Trichlorophenol	13.14	196	36292	20.598	ng/ul	98
42) 2,4,5-Trichlorophenol	13.22	196	39141	20.886	ng/ul	95
43) 1,1'-Biphenyl	13.54	154	118870	20.288	ng/ul	99
44) 2-Chloronaphthalene	13.59	162	92052	20.053	ng/ul	99
45) 2-Nitroaniline	13.79	65	34856	20.711	ng/ul	97
47) Dimethylphthalate	14.15	163	123898	20.014	ng/ul	99
48) 2,6-Dinitrotoluene	14.28	165	25867	19.402	ng/ul	99
50) Acenaphthylene	14.44	152	141237	20.294	ng/ul	99
51) 3-Nitroaniline	14.61	138	25724	21.189	ng/ul	87
52) Acenaphthene	14.78	153	103819	20.540	ng/ul	95
53) 2,4-Dinitrophenol	14.82	184	16860	19.955	ng/ul	93
55) 4-Nitrophenol	14.92	109	25051	17.976	ng/ul	96
56) Dibenzofuran	15.11	168	145767	20.350	ng/ul	99
57) 2,4-Dinitrotoluene	15.07	165	37389	19.434	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	32741	18.631	ng/ul#	93
59) Diethylphthalate	15.52	149	130075	19.548	ng/ul	97
61) Fluorene	15.76	166	121170	19.987	ng/ul	96
62) 4-Chlorophenyl-phenylether	15.75	204	69322	20.801	ng/ul	97
63) 4-Nitroaniline	15.77	138	26199	21.983	ng/ul	88
66) 4,6-Dinitro-2-methylphenol	15.83	198	20570	17.006	ng/ul	94
67) N-Nitrosodiphenylamine	15.96	169	105313	20.685	ng/ul	97
68) 4-Bromophenyl-phenylether	16.65	248	46821	20.992	ng/ul	96
69) Hexachlorobenzene	16.76	284	52147	20.645	ng/ul	100
70) Atrazine	16.91	200	47577	20.418	ng/ul	94
71) Pentachlorophenol	17.12	266	31619	20.973	ng/ul	98
72) Phenanthrene	17.50	178	197312	20.229	ng/ul	98
74) Anthracene	17.60	178	201781	20.252	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.51	216	56798	20.820	ng/uL	89
76) Pentachlorobenzene	15.03	250	61174	21.138	ng/uL	92
77) Carbazole	17.86	167	179231	20.165	ng/ul	99
78) Di-n-butylphthalate	18.41	149	219453	19.734	ng/ul	98
80) Fluoranthene	19.51	202	247867	20.871	ng/ul	99
82) Pyrene	19.88	202	246818	20.858	ng/ul	99
83) Butylbenzylphthalate	20.75	149	93943	20.222	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.63	252	92048	19.775	ng/ul	94
85) Benzo(a)anthracene	21.73	228	250286	20.442	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	137059	20.228	ng/ul	99
87) Chrysene	21.79	228	234410	20.240	ng/ul	98
89) Di-n-octyl phthalate	22.86	149	230655	19.492	ng/ul	100
90) Benzo(b)fluoranthene	23.98	252	264224	20.374	ng/ul	99
91) Benzo(k)fluoranthene	24.05	252	258196	20.419	ng/ul	99
93) Benzo(a)pyrene	24.88	252	235637	20.646	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.79	276	296402	20.128	ng/ul	96
95) Dibenzo(a,h)anthracene	28.86	278	249409	20.449	ng/ul	99
96) Benzo(g,h,i)perylene	29.97	276	239582	19.679	ng/ul	100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed