Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049228.D
Acq On : 8 Jul 2021 23:09
Operator : CG/JU
Sample : SSTD16002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 09 03:09:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160306

Manual Integrations APPROVED
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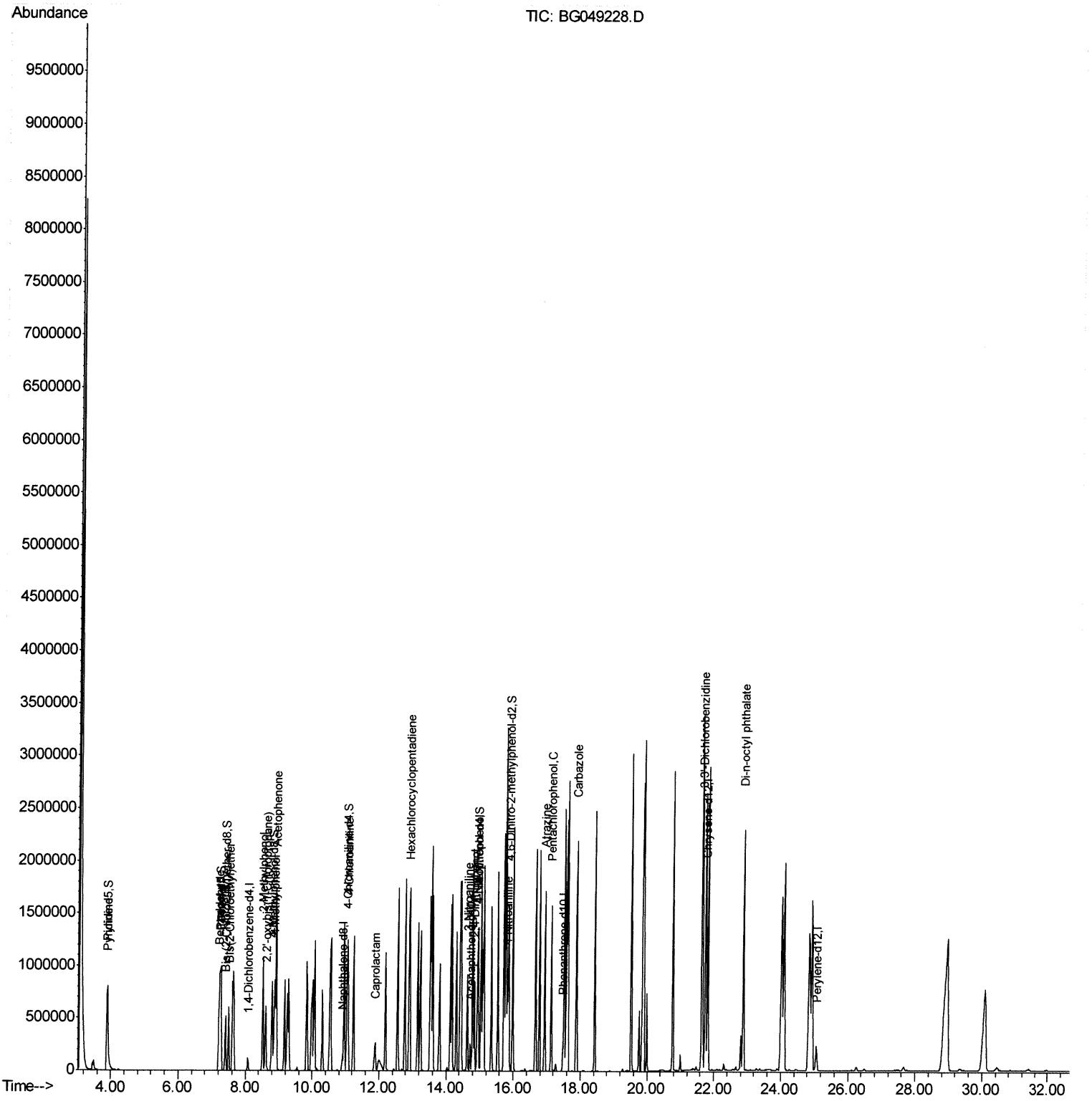

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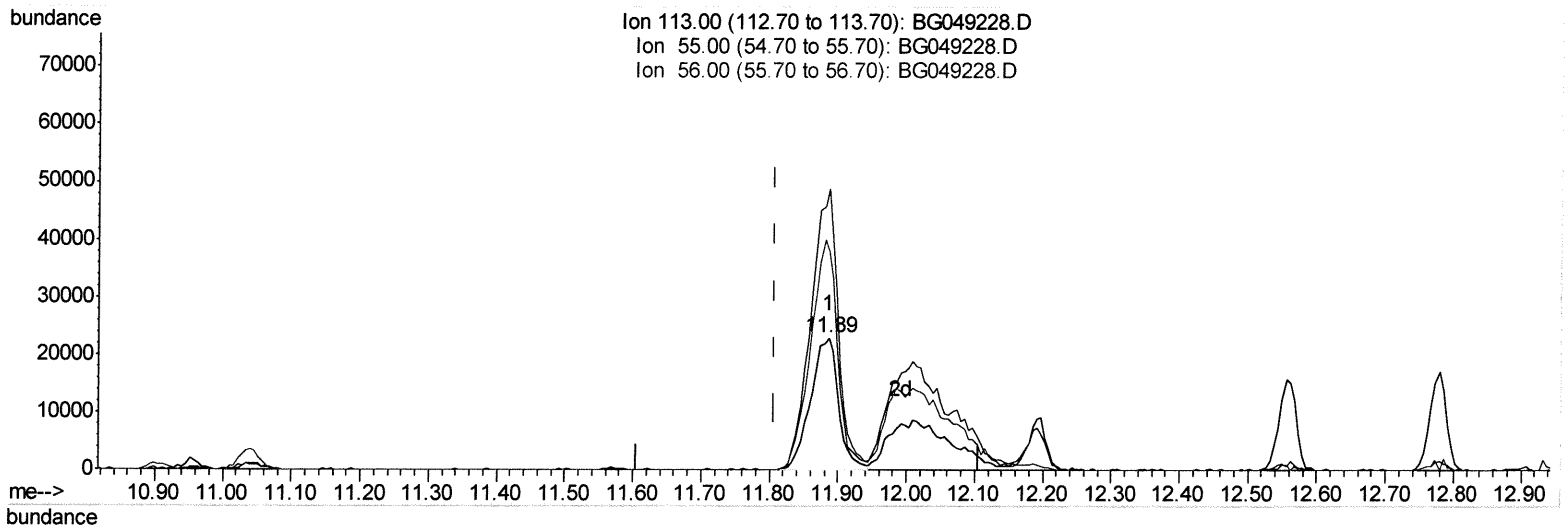
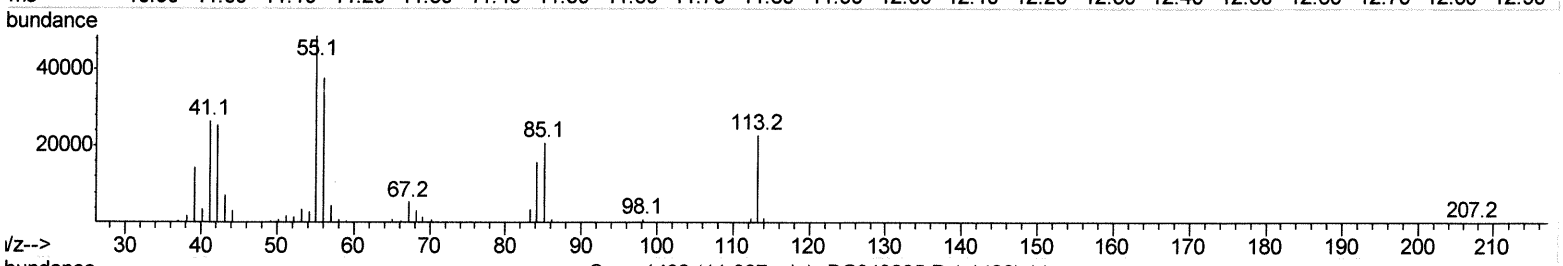
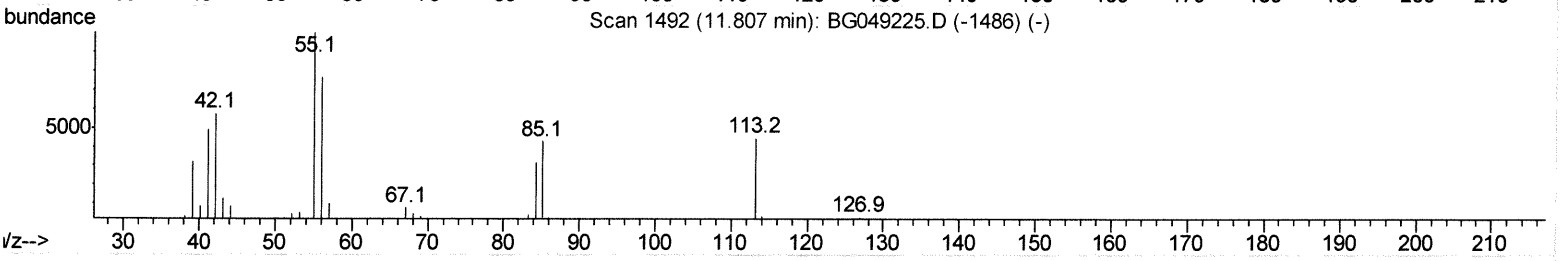




Scan 1492 (11.807 min): BG049225.D (-1486) (-)



TIC: BG049228.D

(34) Caprolactam

11.886min (+0.079) 70.69ng/ul

response 65124

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	212.81
56.00	171.90	165.03
0.00	0.00	0.00

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Manual Integrations APPROVED
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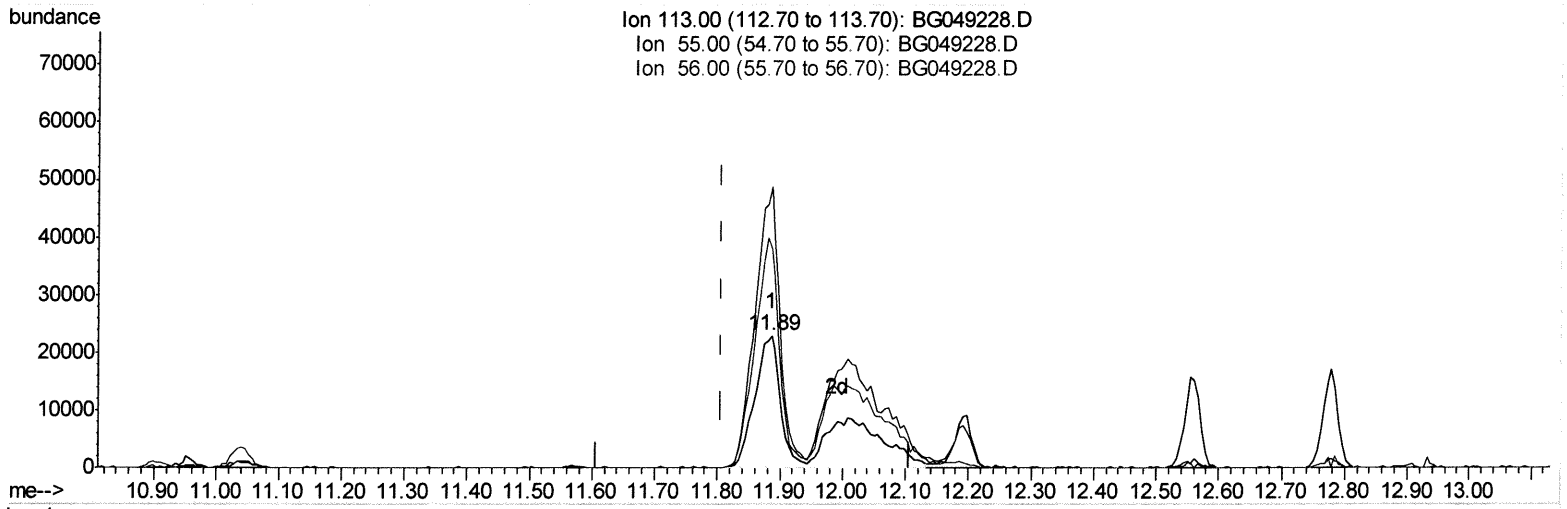

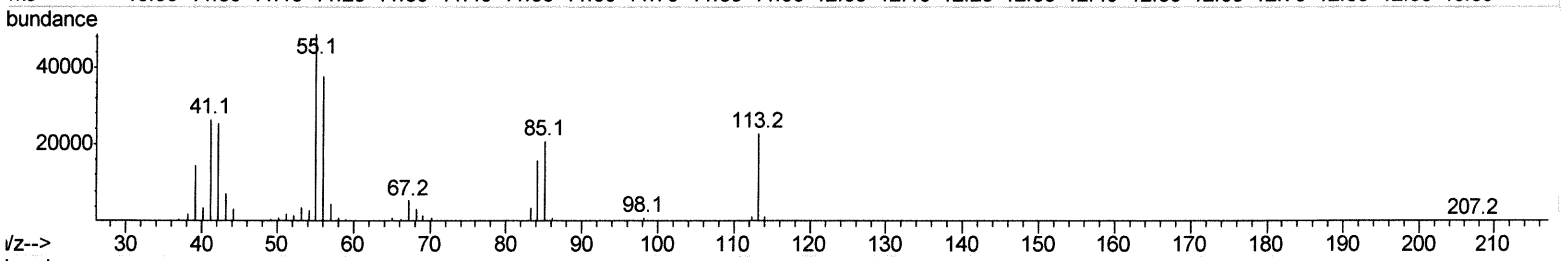

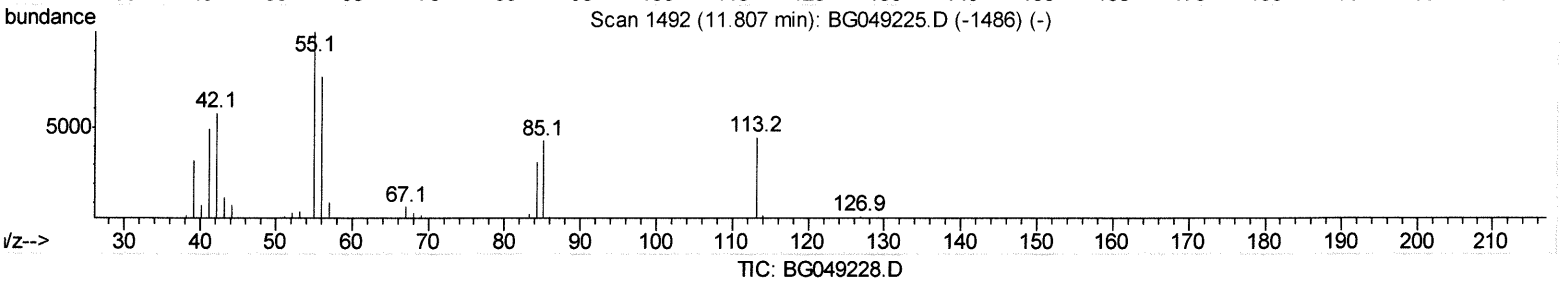

TIC: BG049228.D

(34) Caprolactam

11.886min (+0.079) 129.73ng/ul m 07/12/21JU

response 119520

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	212.81
56.00	171.90	165.03
0.00	0.00	0.00

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Manual Integrations APPROVED
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7/9/2021 2:47:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33319	20.00	ng/ul	0.00
20) Naphthalene-d8	10.90	136	138968	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.73	164	96907	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.48	188	218453	20.00	ng/ul	0.00
79) Chrysene-d12	21.77	240	211841	20.00	ng/ul	0.01
88) Perylene-d12	25.07	264	219773	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
4) Pyridine-d5	3.88	84	354456	150.56	ng/ul	0.00
7) Phenol-d5	7.24	99	481310	166.27	ng/ul	0.01
9) Bis-(2-Chloroethyl)ether-d	7.40	67	269091	150.54	ng/ul	0.00
11) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	8.80	113	381423	160.63	ng/ul	0.02
21) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	11.04	131	496081	152.17	ng/ul	0.01
46) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	14.94	143	204673	172.40	ng/ul	0.03
60) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylphenol	15.86	200	240393	215.34	ng/ul	0.03
73) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
81) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
92) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.91	79	374694	159.333	ng/ul	93
6) Benzaldehyde	7.21	77	231854	126.842	ng/ul	96
8) Phenol	7.27	94	465831	152.220	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.50	93	331234	148.424	ng/ul#	82
13) 2-Methylphenol	8.53	108	361796	158.030	ng/ul	93
14) 2,2'-oxybis(1-Chloropropan	8.61	45	530722	201.286	ng/ul	100
16) Acetophenone	8.92	105	596796	153.307	ng/ul	95
18) 4-Methylphenol	8.87	108	375858	156.384	ng/ul	94
32) 4-Chloroaniline	11.06	127	479836	149.667	ng/ul	94
34) Caprolactam	11.89	113	119520m	> 129.729	ng/ul	> 07/12/21 JU
40) Hexachlorocyclopentadiene	12.90	237	377931	141.088	ng/ul	96
51) 3-Nitroaniline	14.64	138	209074	157.685	ng/ul	92
53) 2,4-Dinitrophenol	14.85	184	177876	193.877	ng/ul	94
55) 4-Nitrophenol	14.96	109	246046	156.479	ng/ul	94
63) 4-Nitroaniline	15.82	138	201728	146.122	ng/ul	86
66) 4,6-Dinitro-2-methylphenol	15.87	198	227251	193.879	ng/ul#	98
70) Atrazine	16.94	200	376155	138.136	ng/ul	97
71) Pentachlorophenol	17.13	266	299037	161.428	ng/ul	96
77) Carbazole	17.88	167	1441622	149.119	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.66	252	715276	137.848	ng/ul	99
89) Di-n-octyl phthalate	22.88	149	1913199	159.929	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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