

Instrument :
BNA_M
LabSampleId :
SSTD02043

Sohil
12/18/2017 2:10:50 PM

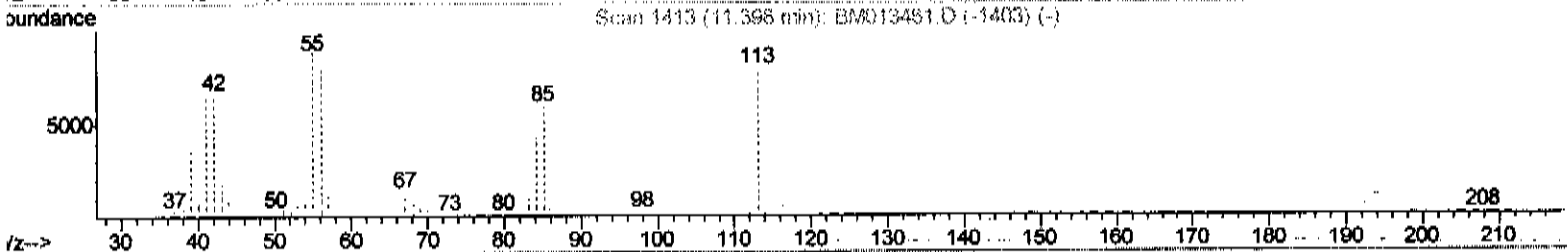
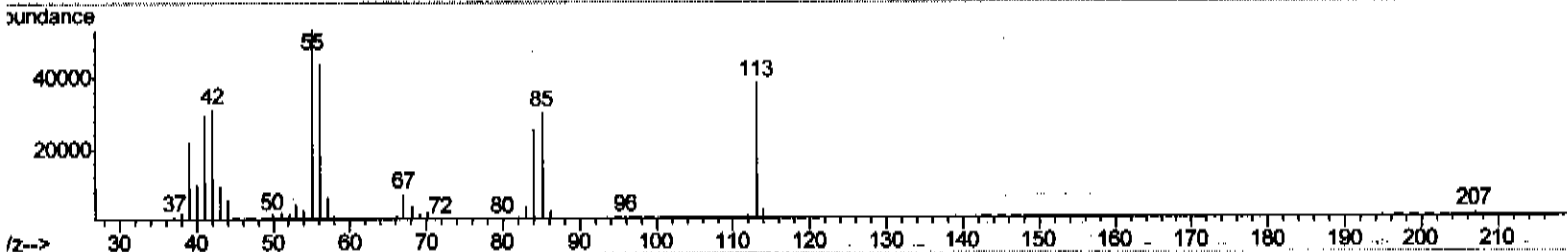
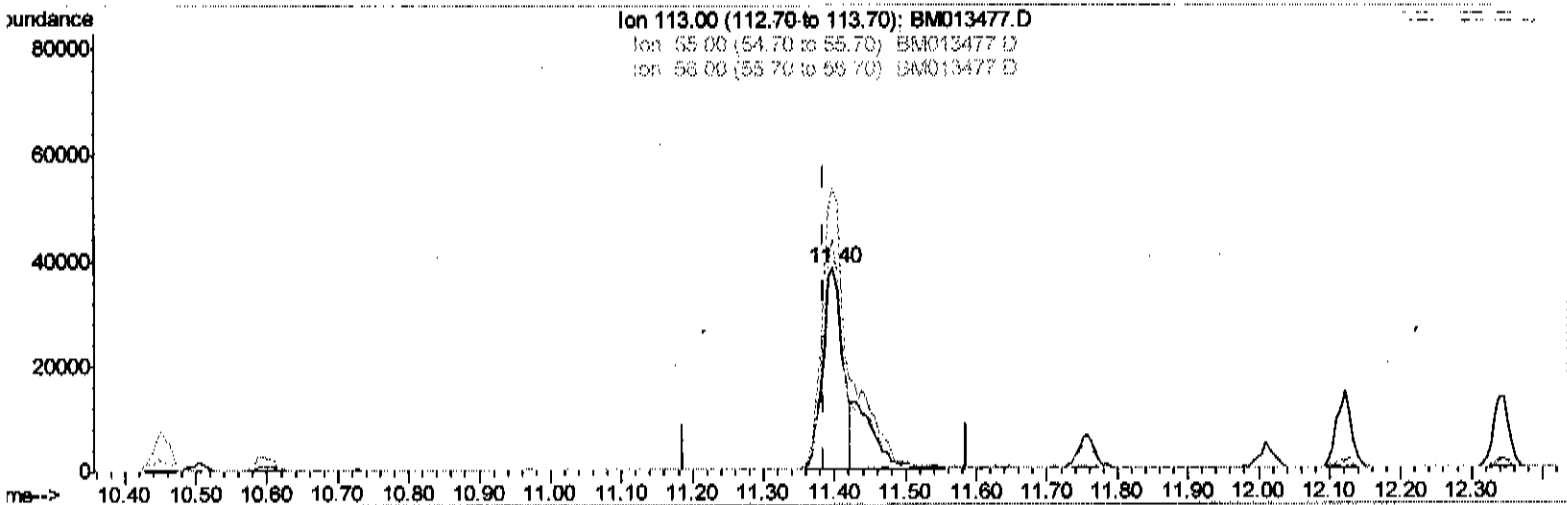
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Data File : BM013477.D
Acq On : 16 Dec 2017 15:21
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual Integrations
APPROVED
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12/18/2017 2:10:50 PM

Quant Time: Dec 18 00:31:48 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



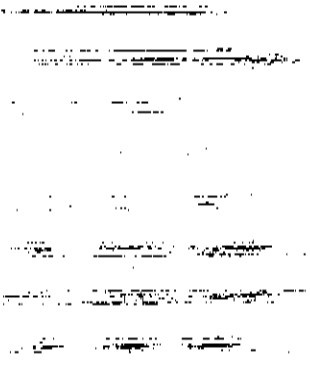
TIC: BM013477.D

(32) Caprolactam

11.398min (+0.012) 13.99ng/ul

response 74675

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	139.58#
56.00	200.00	114.45#
0.00	0.00	0.00

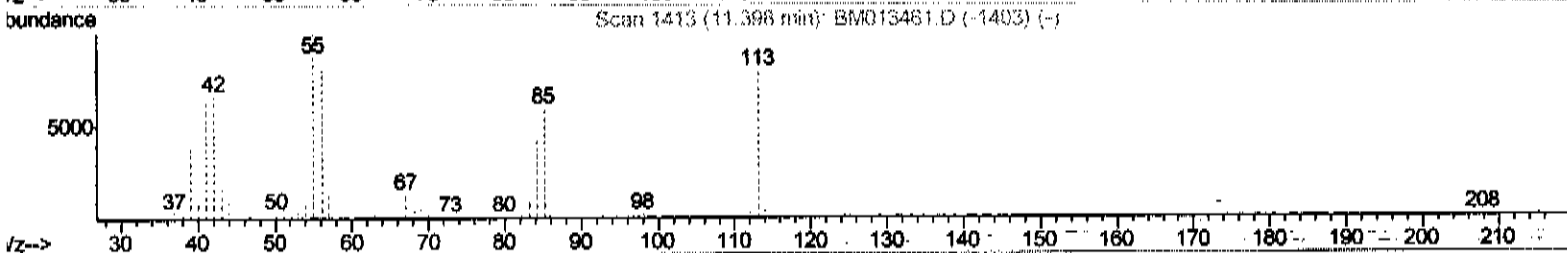
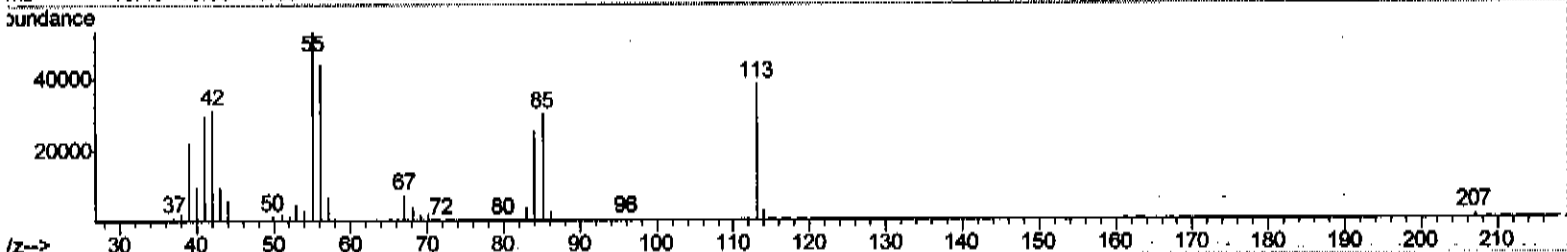
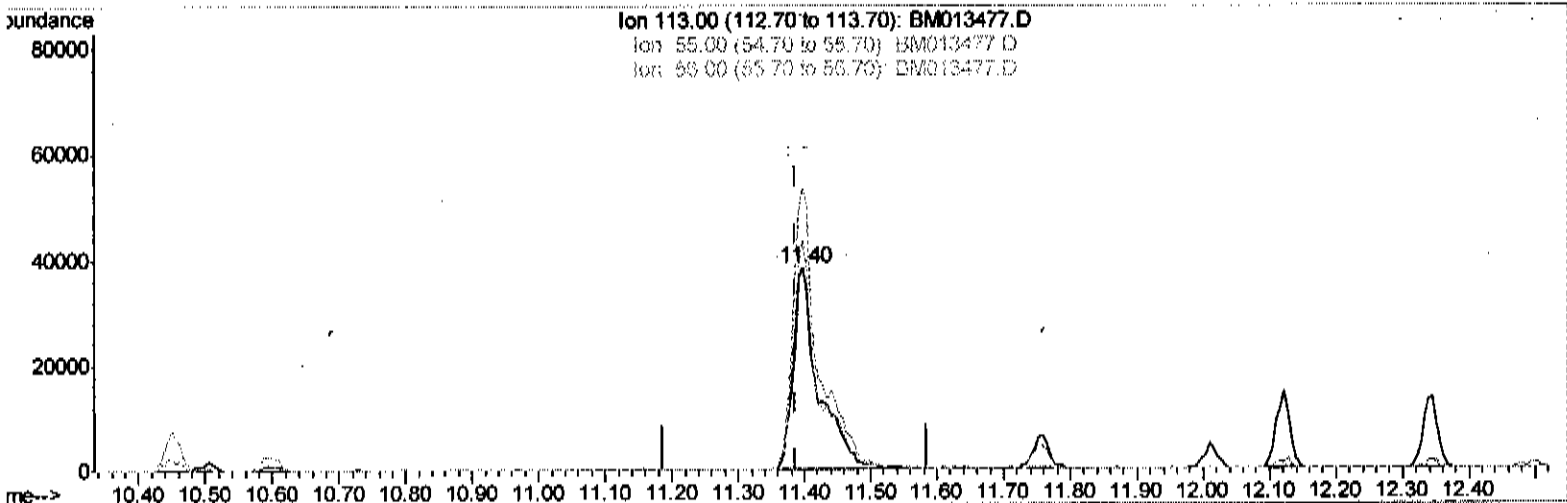


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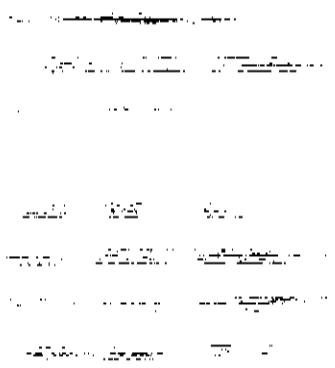


TIC: BM013477.D

(32) Caprolactam
11.398min (+0.012) 19.19ng/ul m *SJ 12/18/17*

response 102414

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	139.58#
56.00	200.00	114.45#
0.00	0.00	0.00



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LabSampled :

SSTD02043

Manual Integrations
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12/18/2017 2:10:50 PM

Quant Time: Dec 18 03:10:23 2017

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Quant Title : SVOA CALIBRATION

Last Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	236422	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1033717	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	598700	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1344206	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1076158	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	859784	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	33576	7.03	ng/uL	0.00
5) Phenol-d5	6.86	99	402173	19.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	231652	19.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	319998	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	330792	18.93	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	164121	20.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	184230	21.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	350577	19.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	398553	23.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	994445	18.67	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1297489	19.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	161374	17.43	ng/ul	0.00
57) Fluorene-d10	15.32	176	856430	18.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	123771	14.64	ng/ul	0.00
70) Anthracene-d10	17.17	188	1345532	19.99	ng/ul	0.00
76) Pyrene-d10	19.46	212	1306989	24.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	848526	19.38	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.26	88	37901	7.07	ng/uL# 63
4) Benzaldehyde	6.83	77	211309	20.88	ng/ul 84
6) Phenol	6.88	94	394936	19.53	ng/ul# 84
8) Bis(2-Chloroethyl)ether	7.11	93	305563	19.76	ng/ul# 100
10) 2-Chlorophenol	7.24	128	317761	20.27	ng/ul 94
11) 2-Methylphenol	8.12	108	302802	19.36	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.20	45	331075	20.39	ng/ul# 81
14) Acetophenone	8.49	105	516722	19.44	ng/ul 90
15) N-Nitroso-di-n-propylamine	8.48	70	251845	18.81	ng/ul# 71
16) 4-Methylphenol	8.45	108	328975	19.67	ng/ul 94
17) Hexachloroethane	8.74	117	128448	18.82	ng/ul# 78
20) Nitrobenzene	8.87	77	387768	18.78	ng/ul 94
21) Isophorone	9.39	82	697389	19.19	ng/ul 94
23) 2-Nitrophenol	9.57	139	187994	20.67	ng/ul# 77
24) 2,4-Dimethylphenol	9.64	107	376861	19.00	ng/ul# 86
25) Bis(2-Chloroethoxy)methane	9.87	93	411843	19.37	ng/ul 98
27) 2,4-Dichlorophenol	10.11	162	324170	19.41	ng/ul 88
28) Naphthalene	10.50	128	1045432	19.66	ng/ul 99
30) 4-Chloroaniline	10.62	127	390627	24.28	ng/ul 95
31) Hexachlorobutadiene	10.78	225	222835	18.42	ng/ul 96
32) Caprolactam	11.40	113	102414m	19.19	ng/ul
33) 4-Chloro-3-methylphenol	11.75	107	336149	18.35	ng/ul 95
34) 2-Methylnaphthalene	12.12	142	756330	18.92	ng/ul 97

SJ 12/18/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	427920	19.81	ng/ul#	91
37) Hexachlorocyclopentadiene	12.47	237	196410	13.81	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.74	196	277895	20.63	ng/ul	94
39) 2,4,5-Trichlorophenol	12.82	196	290260	20.29	ng/ul	100
40) 1,1'-Biphenyl	13.15	154	1001861	19.80	ng/ul	97
41) 2-Chloronaphthalene	13.19	162	794661	20.02	ng/ul	99
42) 2-Nitroaniline	13.40	65	227052	19.52	ng/ul	94
44) Dimethylphthalate	13.78	163	942595	18.50	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	204846	19.71	ng/ul	97
47) Acenaphthylene	14.04	152	1208026	19.86	ng/ul	98
48) 3-Nitroaniline	14.23	138	192962	20.77	ng/ul	97
49) Acenaphthene	14.38	153	810751	19.56	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	82328	14.32	ng/ul	93
52) 4-Nitrophenol	14.55	109	145788	16.05	ng/ul	84
53) Dibenzofuran	14.72	168	1159867	18.96	ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	291273	19.27	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.95	232	249444	19.02	ng/ul	92
56) Diethylphthalate	15.15	149	951523	18.62	ng/ul	95
58) Fluorene	15.37	166	946270	18.69	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	501282	18.25	ng/ul	96
60) 4-Nitroaniline	15.40	138	217589	19.85	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.46	198	120500	14.26	ng/ul	94
64) N-Nitrosodiphenylamine	15.59	169	814161	20.56	ng/ul	96
65) 4-Bromophenyl-phenylether	16.26	248	319216	20.20	ng/ul	97
66) Hexachlorobenzene	16.37	284	342172	19.64	ng/ul#	94
67) Atrazine	16.54	200	296937	20.32	ng/ul	93
68) Pentachlorophenol	16.72	266	169187	16.79	ng/ul	97
69) Phenanthrene	17.11	178	1493159	19.55	ng/ul	99
71) Anthracene	17.20	178	1541073	19.74	ng/ul	99
72) Carbazole	17.47	167	1273166	18.96	ng/ul	99
73) Di-n-butylphthalate	18.04	149	1547539	19.74	ng/ul	99
74) Fluoranthene	19.13	202	1658212	17.72	ng/ul#	92
77) Pyrene	19.49	202	1616684	24.73	ng/ul#	90
78) Butylbenzylphthalate	20.40	149	663399	25.97	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.18	252	368958	16.31	ng/ul#	95
80) Benzo(a)anthracene	21.24	228	1339853	19.62	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.18	149	904357	23.49	ng/ul	99
82) Chrysene	21.30	228	1224155	19.32	ng/ul	98
84) Di-n-octyl phthalate	22.06	149	1430210	23.39	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	1123211	19.38	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	1028214	18.85	ng/ul#	98
88) Benzo(a)pyrene	23.39	252	1009606	19.39	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	1112583	21.54	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.72	278	952751	21.66	ng/ul#	94
91) Benzo(g,h,i)perylene	26.40	276	921251	22.61	ng/ul#	94

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