

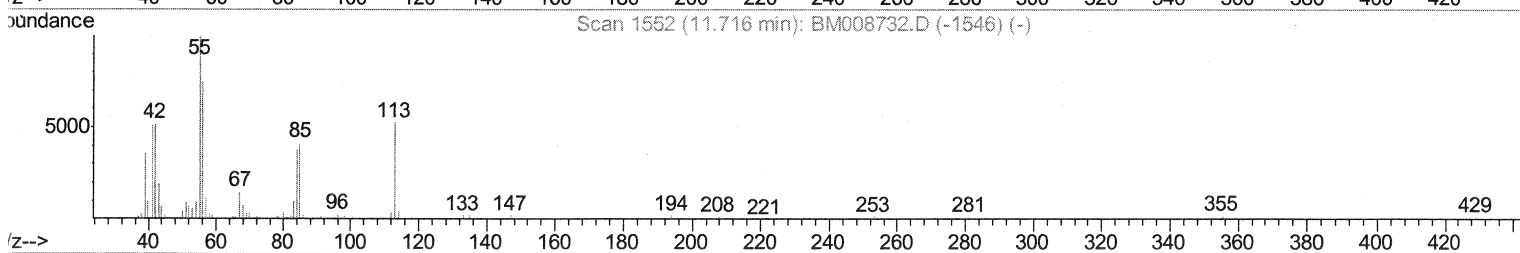
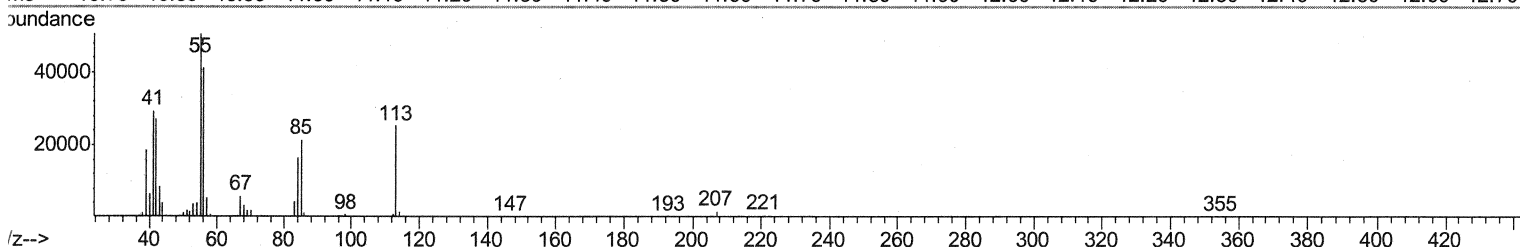
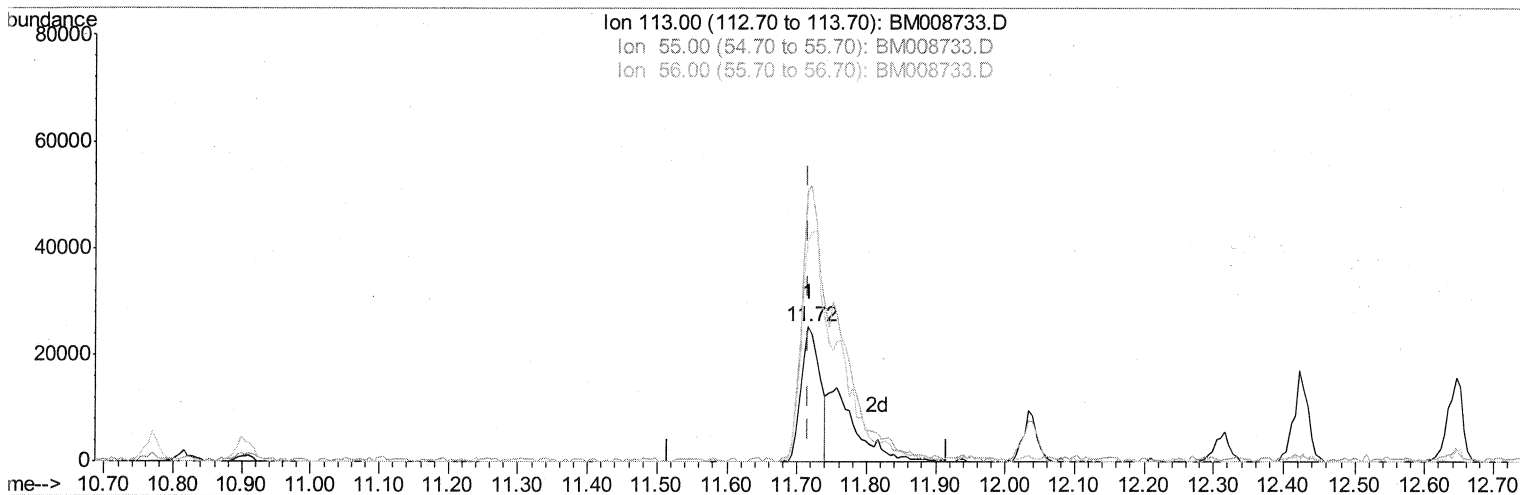
Data Path : Z:\HPCHEM1\BNA_M\Data\BM010617\
 Data File : BM008733.D
 Acq On : 06 Jan 2017 13:50
 Operator : UM/SJ
 Sample : SST04053
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SST04053

Manual Integrations
 APPROVED

Sohil
 1/9/2017 10:45:00 AM

Quant Time: Jan 06 14:50:27 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 06 13:55:44 2017
 Response via : Initial Calibration



TIC: BM008733.D

(32) Caprolactam

11.716min (+0.000) 27.09ng/ul

response 47866

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	199.78#
56.00	122.10	163.07#
0.00	0.00	0.00

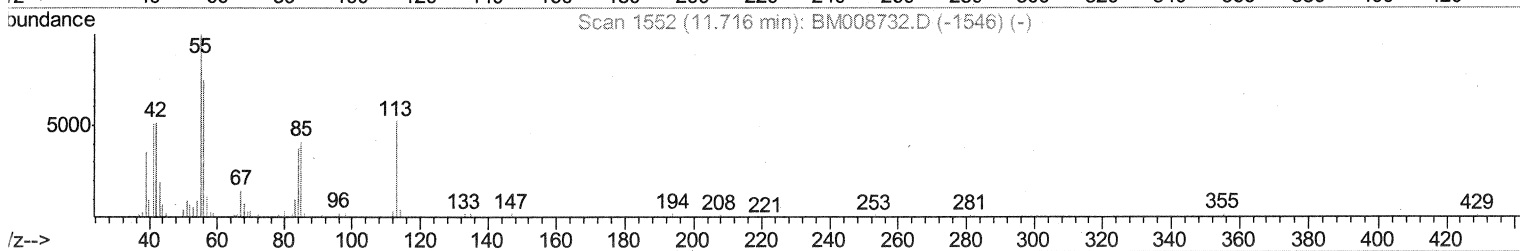
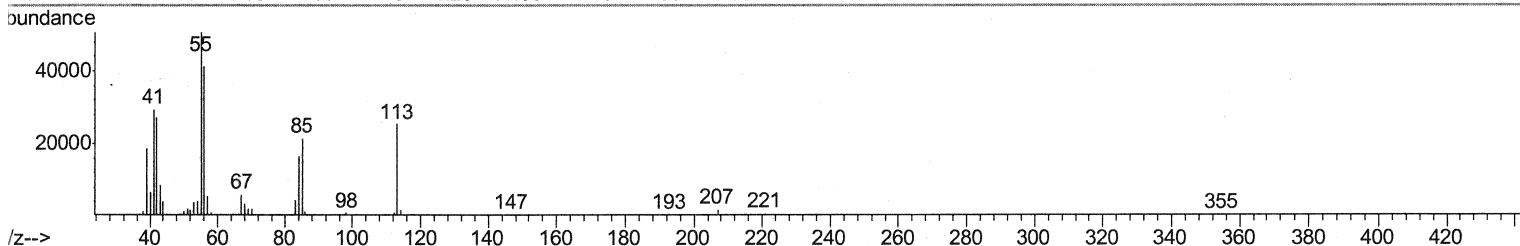
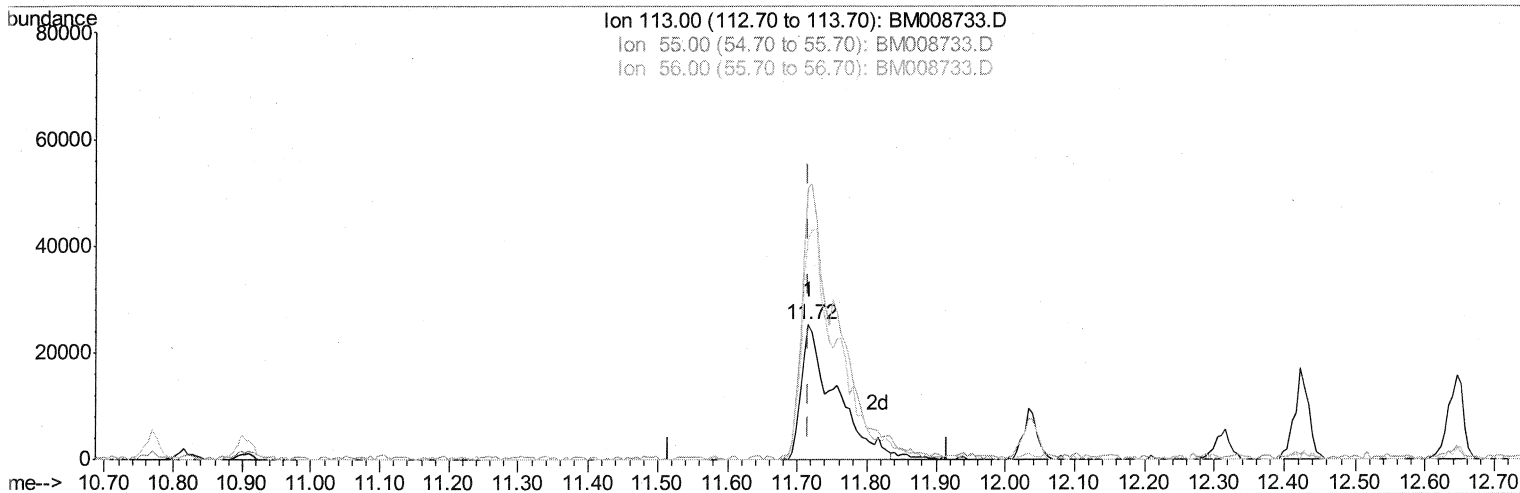
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TIC: BM008733.D

(32) Caprolactam

11.716min (+0.000) 48.71ng/ul m SJ 01/16/17

response 86059

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	199.78#
56.00	122.10	163.07#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010617\
 Data File : BM008733.D
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 Sample : SSTD04053
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04053

Manual Integrations
 APPROVED

Sohil
 1/9/2017 10:45:00 AM

Quant Time: Jan 06 14:51:45 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 06 13:55:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	101346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	435371	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.60	164	343968	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.34	188	785664	20.00	ng/ul	0.00
75) Chrysene-d12	21.50	240	897323	20.00	ng/ul	0.00
83) Perylene-d12	23.87	264	820447	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	36332	17.72	ng/uL	0.00
5) Phenol-d5	7.12	99	337365	44.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	227891	52.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	242604	41.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	259481	44.19	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	109358	34.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	128919	36.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	280575	43.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	320891	50.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.00	166	930131	41.95	ng/ul	0.00
46) Acenaphthylene-d8	14.29	160	1104273	40.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	152011	44.39	ng/ul	0.00
57) Fluorene-d10	15.59	176	853098	44.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.70	200	160981	34.51	ng/ul	0.00
70) Anthracene-d10	17.44	188	1397815	41.36	ng/ul	0.00
76) Pyrene-d10	19.72	212	1652921	45.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.72	264	1388275	40.62	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.45	88	40648	17.27 ng/uL#	71
4) Benzaldehyde	7.11	77	275449	50.37 ng/ul	94
6) Phenol	7.14	94	365490	47.12 ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.39	93	262779	44.64 ng/ul	93
10) 2-Chlorophenol	7.53	128	253503	42.34 ng/ul#	83
11) 2-Methylphenol	8.40	108	262689	45.67 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.50	45	409500	62.58 ng/ul#	91
14) Acetophenone	8.79	105	457534	48.71 ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.78	70	261697	53.08 ng/ul#	78
16) 4-Methylphenol	8.73	108	293061	47.29 ng/ul	98
17) Hexachloroethane	9.05	117	126214	47.25 ng/ul	95
20) Nitrobenzene	9.18	77	393294	50.61 ng/ul#	89
21) Isophorone	9.70	82	701202	48.96 ng/ul	95
23) 2-Nitrophenol	9.88	139	136984	37.77 ng/ul#	58
24) 2,4-Dimethylphenol	9.93	107	374472	48.10 ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.17	93	365267	43.95 ng/ul	96
27) 2,4-Dichlorophenol	10.41	162	283414	44.74 ng/ul	98
28) Naphthalene	10.82	128	807615	39.93 ng/ul	99
30) 4-Chloroaniline	10.93	127	325573	50.12 ng/ul	99
31) Hexachlorobutadiene	11.09	225	239149	47.61 ng/ul	99
32) Caprolactam	11.72	113	86059m	48.71 ng/ul	97
33) 4-Chloro-3-methylphenol	12.03	107	339979	49.94 ng/ul	92
34) 2-Methylnaphthalene	12.42	142	629153	43.46 ng/ul	98

SJ 01/16/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.79	216	421860	39.50	ng/ul#	97
37) Hexachlorocyclopentadiene	12.76	237	290900	55.00	ng/ul	95
38) 2,4,6-Trichlorophenol	13.02	196	253544	39.58	ng/ul	99
39) 2,4,5-Trichlorophenol	13.09	196	284346	41.90	ng/ul	99
40) 1,1'-Biphenyl	13.43	154	866182	37.37	ng/ul	98
41) 2-Chloronaphthalene	13.47	162	689834	38.94	ng/ul	97
42) 2-Nitroaniline	13.68	65	263347	52.06	ng/ul#	80
44) Dimethylphthalate	14.05	163	939601	43.22	ng/ul	98
45) 2,6-Dinitrotoluene	14.17	165	167327	38.83	ng/ul#	70
47) Acenaphthylene	14.32	152	1073438	39.05	ng/ul	99
48) 3-Nitroaniline	14.50	138	172721	42.72	ng/ul	97
49) Acenaphthene	14.66	153	744040	39.63	ng/ul	99
50) 2,4-Dinitrophenol	14.70	184	110079	40.44	ng/ul	84
52) 4-Nitrophenol	14.79	109	251782	78.20	ng/ul#	73
53) Dibenzofuran	14.99	168	1121034	41.97	ng/ul	91
54) 2,4-Dinitrotoluene	14.95	165	259693	42.28	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.21	232	269123	44.16	ng/ul#	94
56) Diethylphthalate	15.42	149	991033	42.58	ng/ul	96
58) Fluorene	15.64	166	933055	43.03	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.63	204	520085	45.31	ng/ul	91
60) 4-Nitroaniline	15.66	138	183180	45.19	ng/ul#	45
63) 4,6-Dinitro-2-methylphenol	15.71	198	172089	35.87	ng/ul#	82
64) N-Nitrosodiphenylamine	15.85	169	819314	37.37	ng/ul	98
65) 4-Bromophenyl-phenylether	16.53	248	332322	37.95	ng/ul#	84
66) Hexachlorobenzene	16.63	284	382621	39.71	ng/ul	92
67) Atrazine	16.80	200	353761	41.17	ng/ul	96
68) Pentachlorophenol	16.98	266	231016	41.43	ng/ul	98
69) Phenanthrene	17.38	178	1554239	39.56	ng/ul	97
71) Anthracene	17.47	178	1598508	39.87	ng/ul	99
72) Carbazole	17.74	167	1406893	40.41	ng/ul	99
73) Di-n-butylphthalate	18.30	149	1725734	41.81	ng/ul#	97
74) Fluoranthene	19.39	202	1970082	43.18	ng/ul#	96
77) Pyrene	19.75	202	2012803	43.60	ng/ul#	94
78) Butylbenzylphthalate	20.64	149	769665	43.29	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.42	252	720153	45.46	ng/ul	98
80) Benzo(a)anthracene	21.49	228	1963578	42.40	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.41	149	1068403	39.87	ng/ul	98
82) Chrysene	21.54	228	1818051	41.57	ng/ul	99
84) Di-n-octyl phthalate	22.33	149	1726867	40.88	ng/ul#	89
85) Benzo(b)fluoranthene	23.15	252	1808832	41.17	ng/ul#	97
86) Benzo(k)fluoranthene	23.20	252	1778888	42.94	ng/ul#	98
88) Benzo(a)pyrene	23.77	252	1764270	41.79	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.30	276	1937591	37.63	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.32	278	1661617	38.27	ng/ul#	96
91) Benzo(g,h,i)perylene	27.04	276	1641994	38.35	ng/ul#	95

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