

(QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081518\

Data File : BN002356.D

Acq On : 16 Aug 2018 03:44

Operator : JU/SJ

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 16 04:45:30 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-BN081318MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Aug 16 01:50:44 2018

Response via : Initial Calibration

Instrument :

BNA N

LabSampleId :

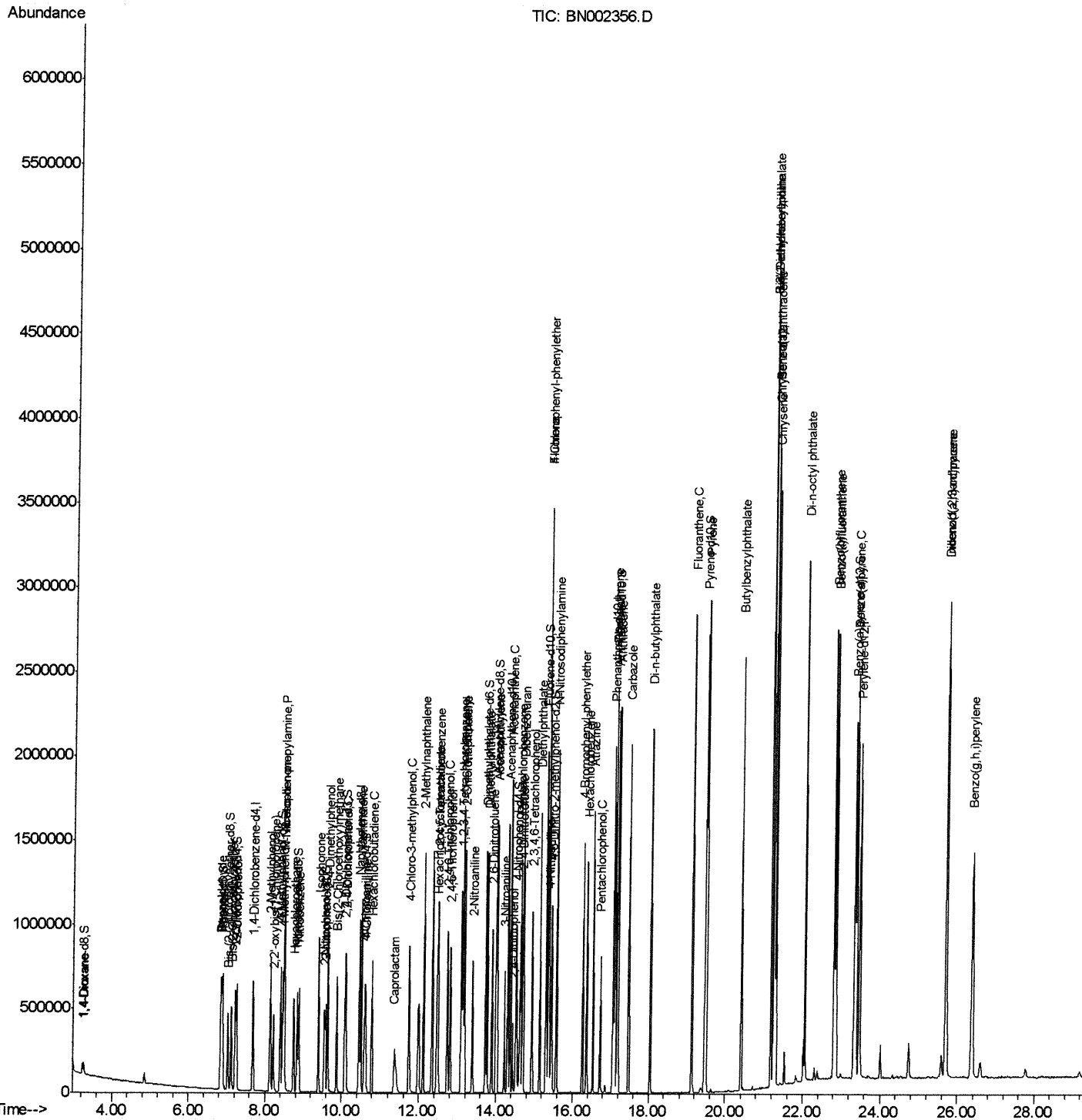
SSTD02048

Manual Integrations

APPROVED

Sohil

8/16/2018 5:48:48 PM



Quantitation Report (Qedit)

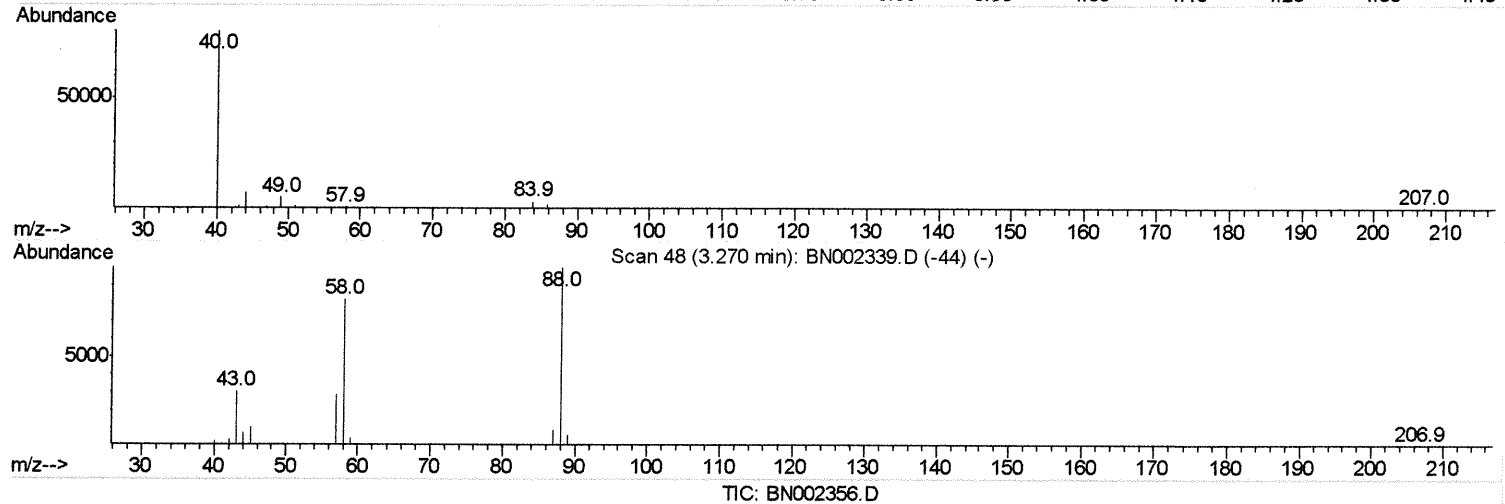
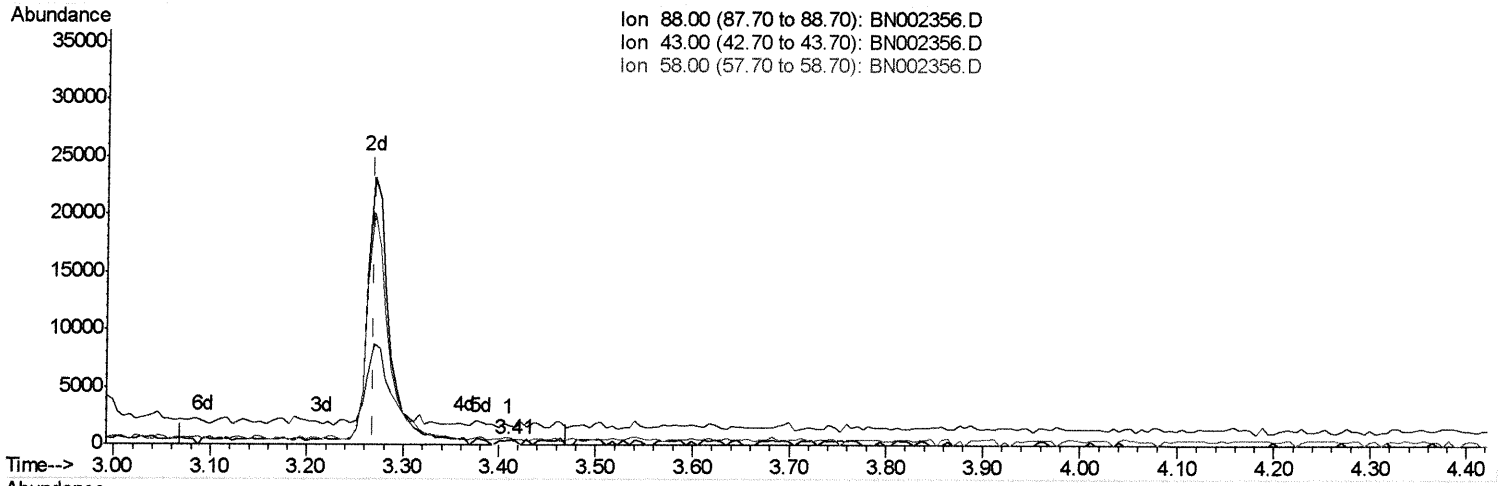
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(2) 1,4-Dioxane

3.411min (+0.141) 0.13ng/uL

response 538

Ion	Exp%	Act%
88.00	100	100
43.00	40.00	39.59
58.00	90.00	76.02
0.00	0.00	0.00

Quantitation Report (Qedit)

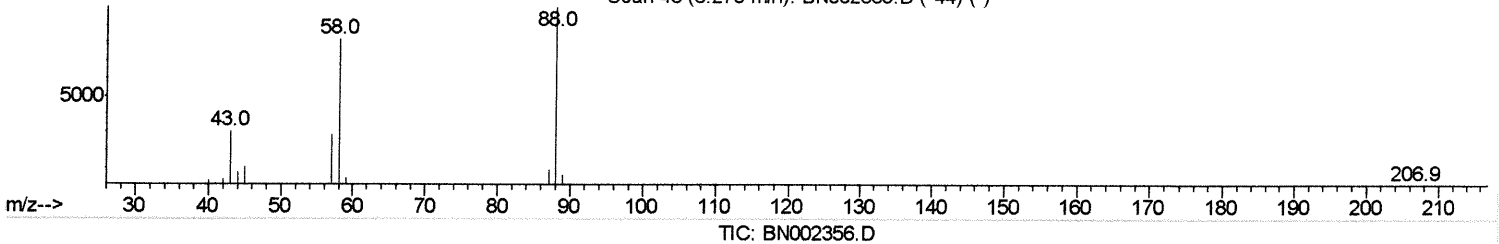
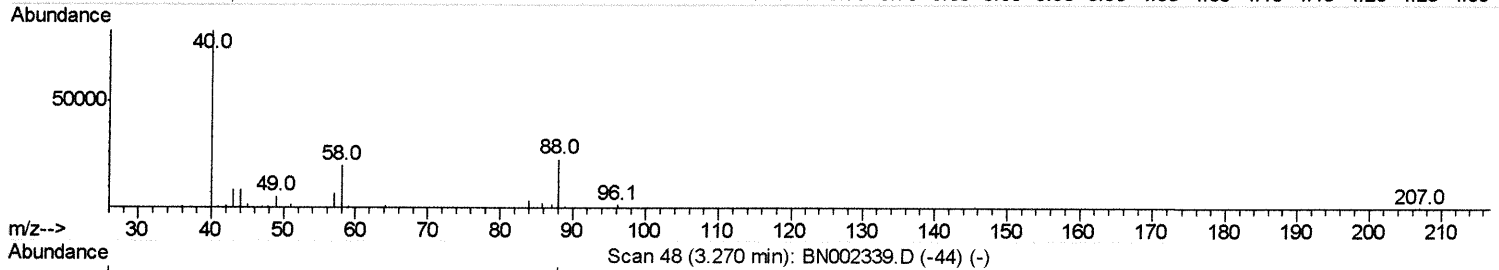
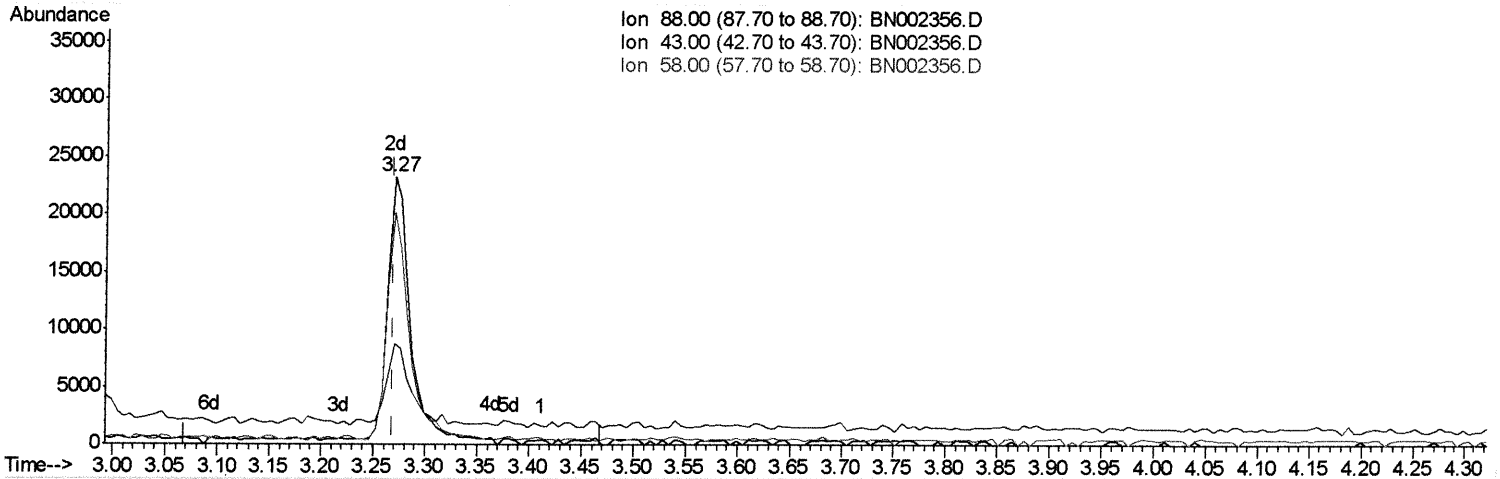
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(2) 1,4-Dioxane

3.269min (-0.000) 8.34ng/uL m

8/17/18

response 33691

Ion	Exp%	Act%
88.00	100	100
43.00	40.00	0.63#
58.00	90.00	1.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

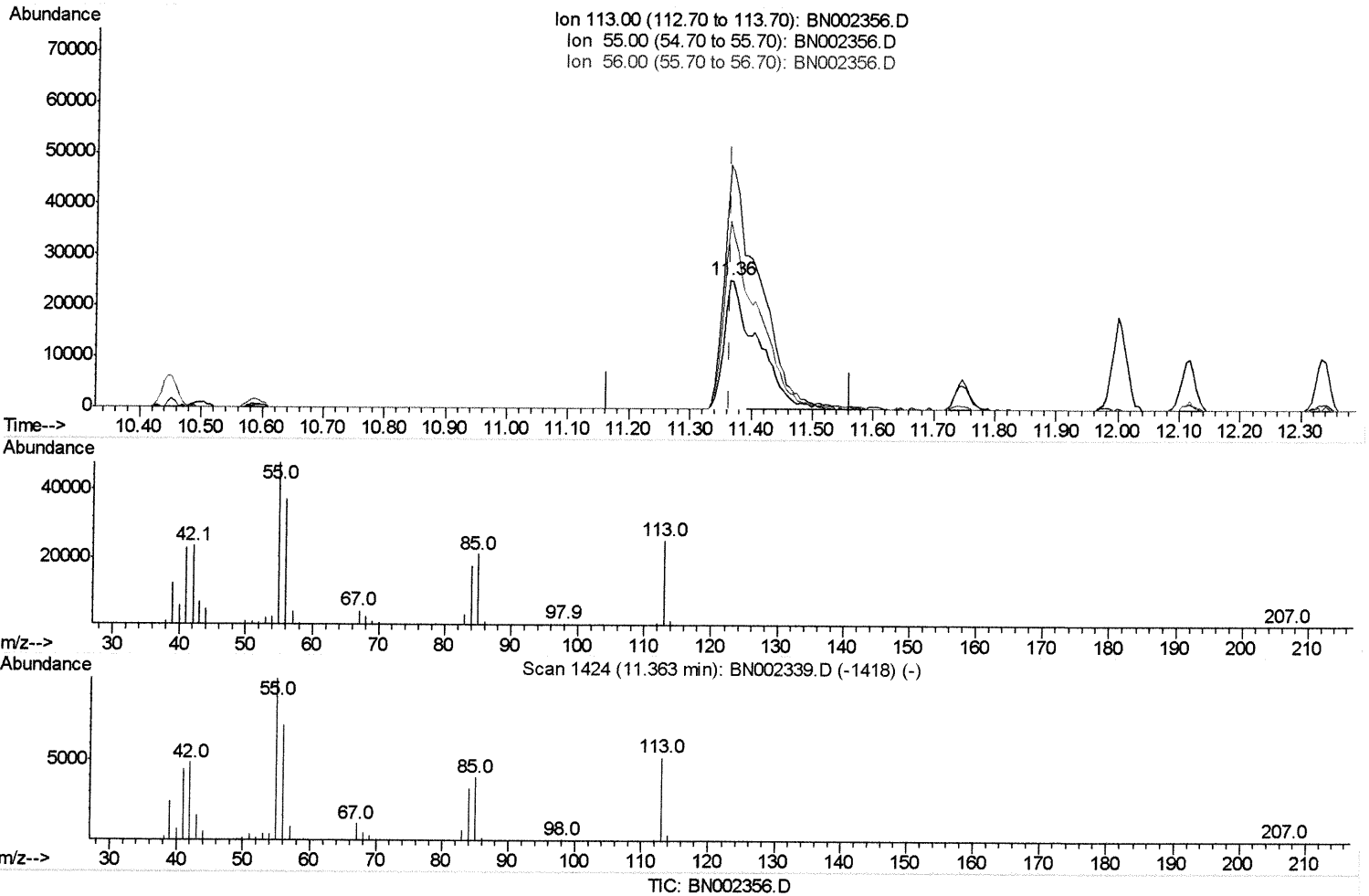
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(32) Caprolactam

11.363min (-0.000) 12.14ng/ul

response 56183

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	189.65#
56.00	101.50	146.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

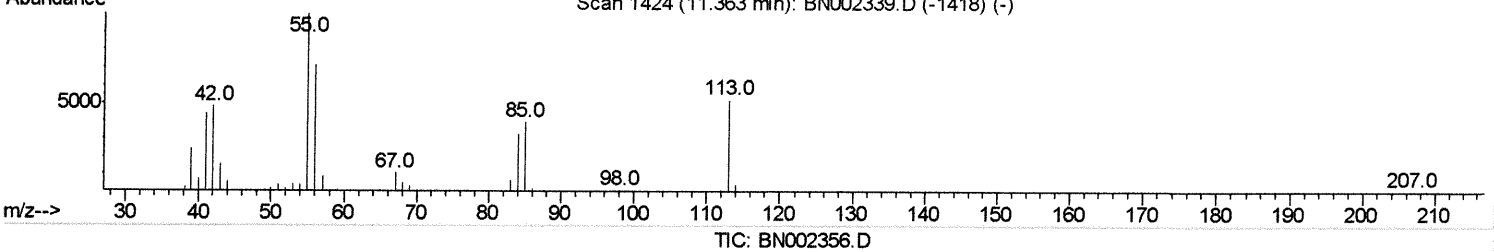
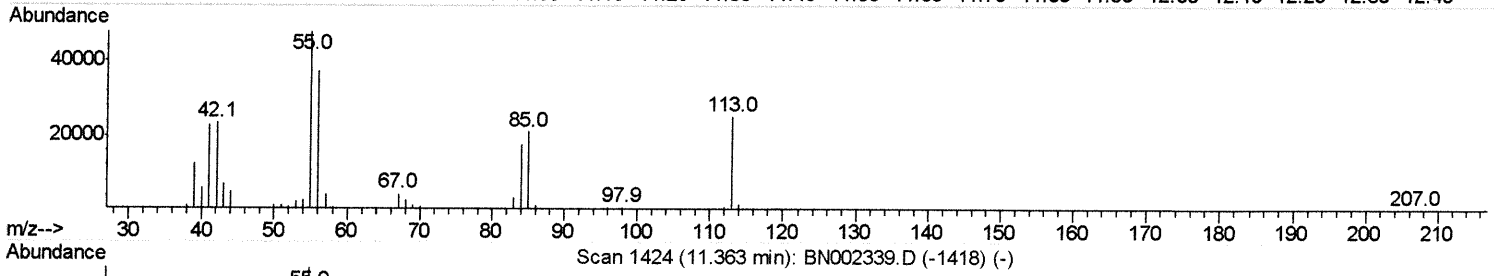
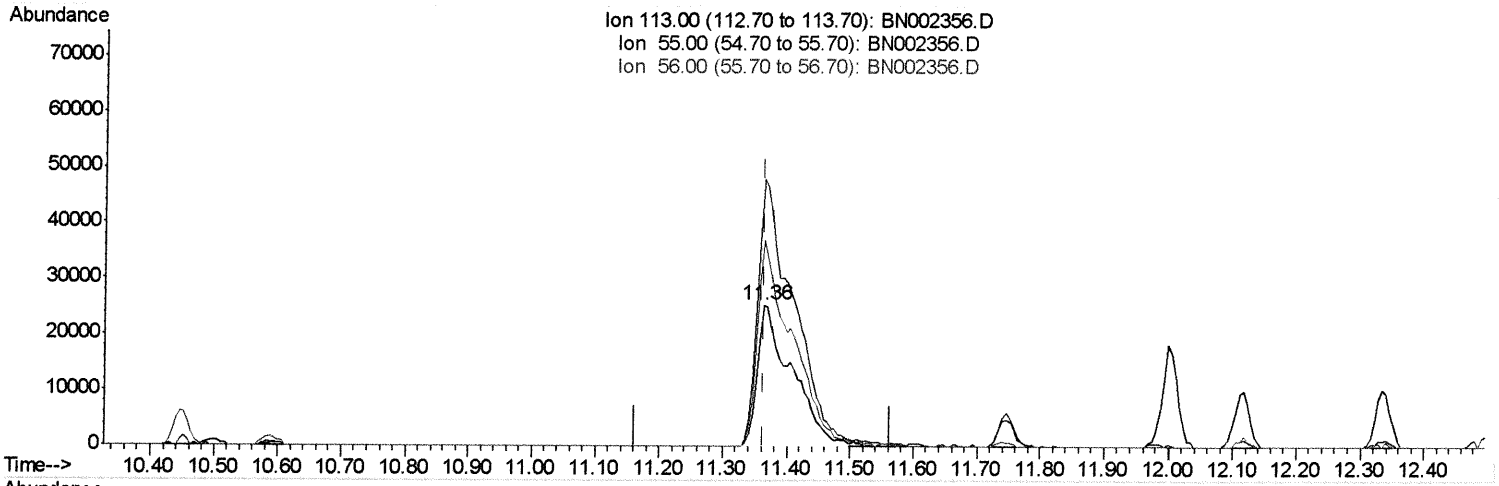
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(32) Caprolactam

11.363min (-0.000) 20.66ng/ul m

518/17/18

response 95558

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	189.65#
56.00	101.50	146.53#
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	7.68	152	178246	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	826806	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	510364	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1165116	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1296644	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1356116	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	32290	8.55	ng/uL	0.00
5) Phenol-d5	6.86	99	330712	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	214546	20.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	261548	21.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	265165	20.29	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	138618	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	145983	21.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	275050	21.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	279550	20.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	892505	21.10	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1114973	21.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	160663	20.09	ng/ul	0.00
57) Fluorene-d10	15.30	176	770498	21.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	148550	20.03	ng/ul	0.00
70) Anthracene-d10	17.16	188	1204532	21.64	ng/ul	0.00
78) Pyrene-d10	19.46	212	1319224	21.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1507205	21.25	ng/ul	-0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.27	88	33691m	8.339	ng/uL	
4) Benzaldehyde	6.83	77	228271	20.330	ng/ul	96
6) Phenol	6.88	94	338923	20.363	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.11	93	263713	20.842	ng/ul#	86
10) 2-Chlorophenol	7.25	128	261865	20.894	ng/ul#	89
11) 2-Methylphenol	8.12	108	254322	20.246	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	455206	21.722	ng/ul#	85
14) Acetophenone	8.49	105	432082	20.685	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.48	70	232396	21.084	ng/ul#	81
16) 4-Methylphenol	8.45	108	281078	20.568	ng/ul	96
17) Hexachloroethane	8.74	117	110697	21.085	ng/ul	96
20) Nitrobenzene	8.87	77	338442	21.488	ng/ul	95
21) Isophorone	9.39	82	651448	21.456	ng/ul	98
23) 2-Nitrophenol	9.57	139	156396	21.499	ng/ul#	88
24) 2,4-Dimethylphenol	9.63	107	326122	21.861	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	381174	21.308	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	261834	21.262	ng/ul	98
28) Naphthalene	10.50	128	901934	21.202	ng/ul	100
30) 4-Chloroaniline	10.61	127	282530	20.328	ng/ul	99
31) Hexachlorobutadiene	10.78	225	164301	21.195	ng/ul	99
32) Caprolactam	11.36	113	95558m	20.656	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	302272	21.331	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	667985	21.275	ng/ul	99

5/8/17/18

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36) 1,2,4,5-Tetrachlorobenzene	12.49	216	326230	21.103	ng/ul	97
37) Hexachlorocyclopentadiene	12.47	237	183173	19.506	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	210333	21.130	ng/ul	97
39) 2,4,5-Trichlorophenol	12.81	196	223912	21.022	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	865229	21.178	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	671311	21.078	ng/ul	98
42) 2-Nitroaniline	13.39	65	222411	21.926	ng/ul#	80
44) Dimethylphthalate	13.77	163	880982	21.232	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	180650	21.549	ng/ul	92
47) Acenaphthylene	14.03	152	1058048	21.412	ng/ul	100
48) 3-Nitroaniline	14.22	138	164869	20.670	ng/ul	92
49) Acenaphthene	14.37	153	741547	21.274	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	86654	17.277	ng/ul#	1
52) 4-Nitrophenol	14.54	109	124595	20.555	ng/ul#	82
53) Dibenzofuran	14.71	168	1041725	21.183	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	272891	21.590	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	14.94	232	199236	21.422	ng/ul	99
56) Diethylphthalate	15.14	149	902435	21.316	ng/ul	99
58) Fluorene	15.36	166	850562	21.141	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	422367	21.270	ng/ul	96
60) 4-Nitroaniline	15.39	138	217970	21.145	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.45	198	156323	20.428	ng/ul#	97
64) N-Nitrosodiphenylamine	15.57	169	740500	21.750	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	253576	21.334	ng/ul	96
66) Hexachlorobenzene	16.37	284	285044	21.488	ng/ul	95
67) Atrazine	16.53	200	269014	21.613	ng/ul	99
68) Pentachlorophenol	16.72	266	145850	19.642	ng/ul	99
69) Phenanthrene	17.10	178	1394328	21.708	ng/ul	99
71) Anthracene	17.19	178	1415898	21.735	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	353226	21.681	ng/uL	99
73) Pentachlorobenzene	14.63	250	331402	21.342	ng/uL	99
74) Carbazole	17.46	167	1272625	22.029	ng/ul	99
75) Di-n-butylphthalate	18.03	149	1541948	21.956	ng/ul	100
76) Fluoranthene	19.12	202	1620920	22.173	ng/ul	99
79) Pvrene	19.49	202	1673544	21.405	ng/ul	100
80) Butylbenzylphthalate	20.39	149	721718	21.786	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.17	252	509331	19.711	ng/ul	99
82) Benzo(a)anthracene	21.24	228	1685642	21.220	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.18	149	1084257	21.821	ng/ul	99
84) Chrysene	21.29	228	1590684	21.157	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	1856006	21.536	ng/ul#	91
87) Benzo(b)fluoranthene	22.81	252	1708149	21.013	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	1655156	21.613	ng/ul	99
90) Benzo(a)pyrene	23.38	252	1657673	21.407	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.69	276	1941241	21.073	ng/ul	97
92) Dibenzo(a,h)anthracene	25.70	278	1624277	21.091	ng/ul	99
93) Benzo(q,h,i)perylene	26.37	276	1593380	20.730	ng/ul	98

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