

Instrument :
BNA_M
LabSampleId :
SSTD02026

Sohil
1/19/2018 9:50:16 AM

[illegible]

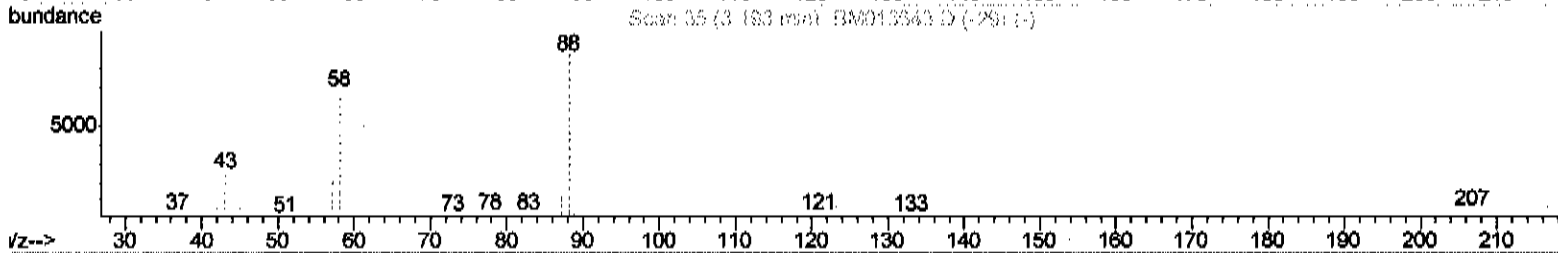
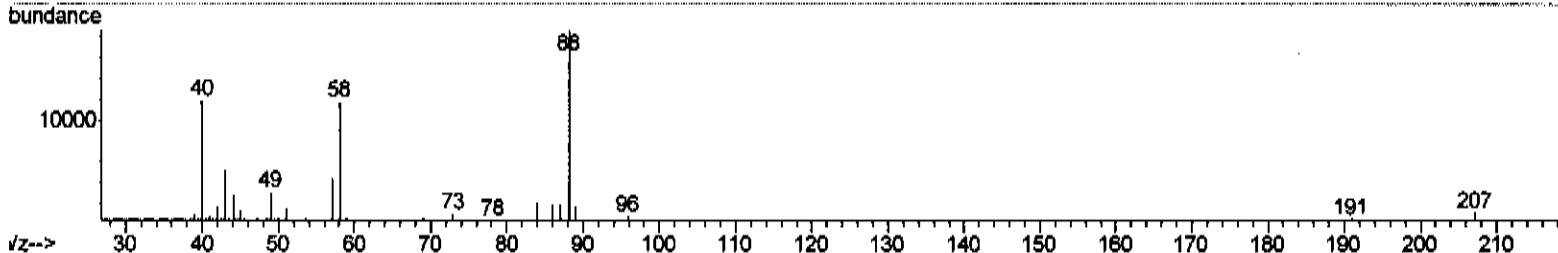
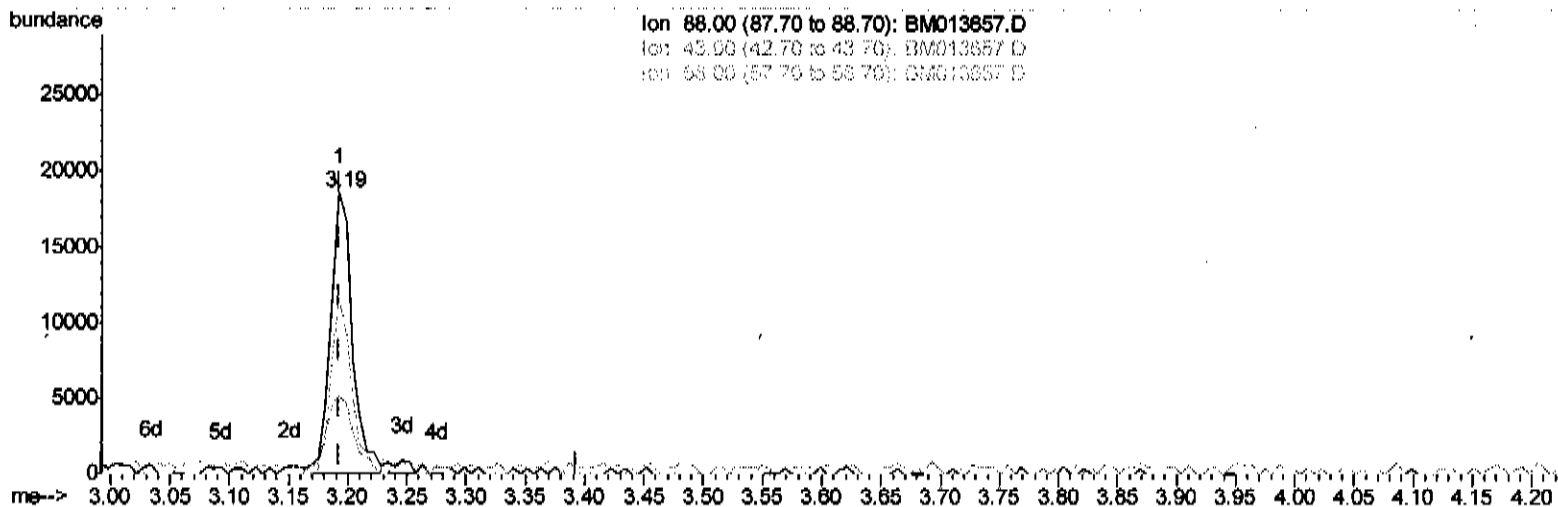
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011818\
 Data File : BM013657.D
 Acq On : 19 Jan 2018 00:47
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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Manual Integrations
 APPROVED

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Quant Time: Jan 19 03:07:02 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 19 02:57:39 2018
 Response via : Initial Calibration



TIC: BM013657.D

(2) 1,4-Dioxane

3.193min (-0.000) 6.37ng/uL

response 24038

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	35.54#
58.00	100.00	59.87#
0.00	0.00	0.00

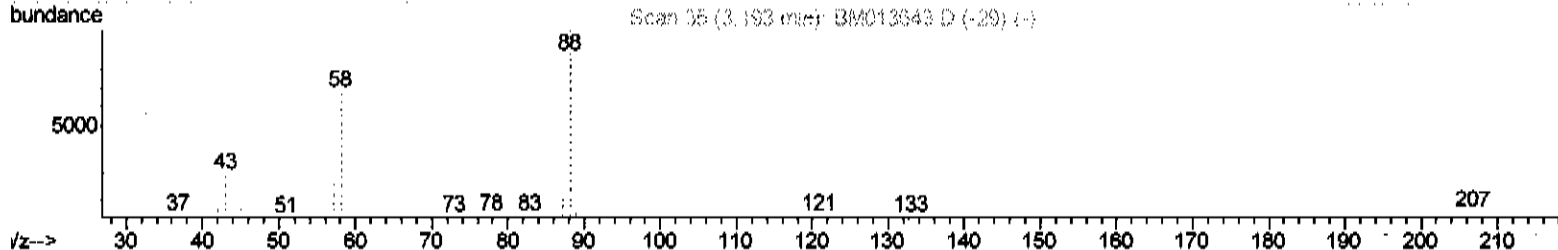
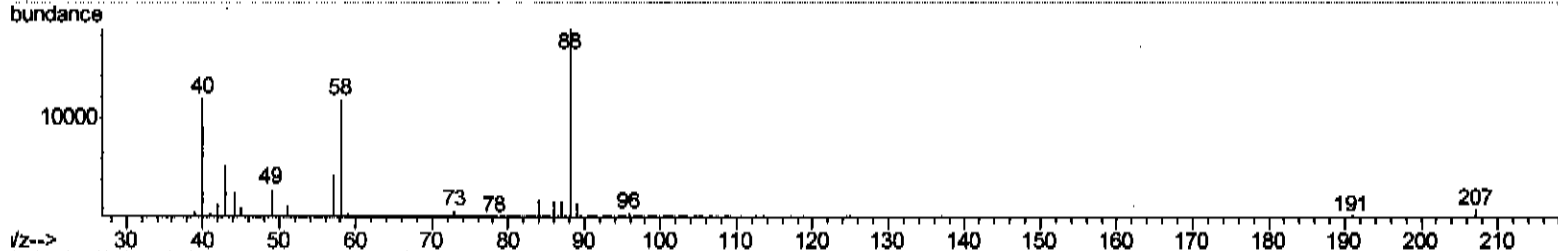
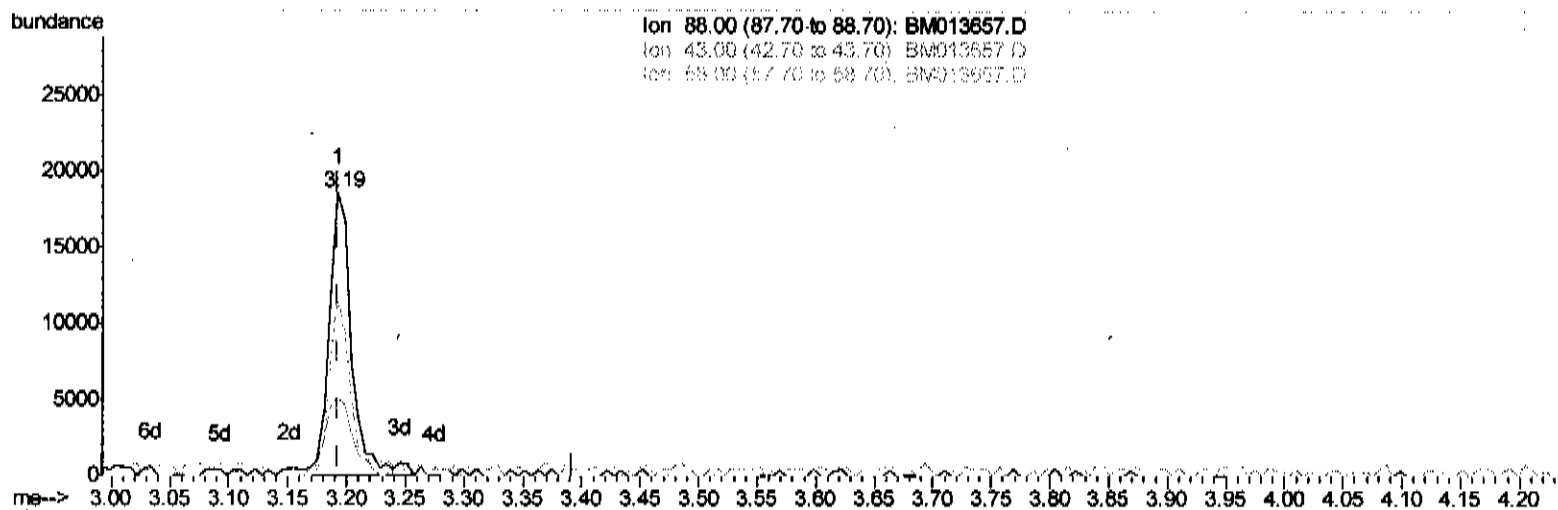
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TIC: BM013657.D

(2) 1,4-Dioxane

3.193min (-0.000) 8.63ng/uL m

response 25029

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	34.13#
58.00	100.00	57.50#
0.00	0.00	0.00

5/1/18

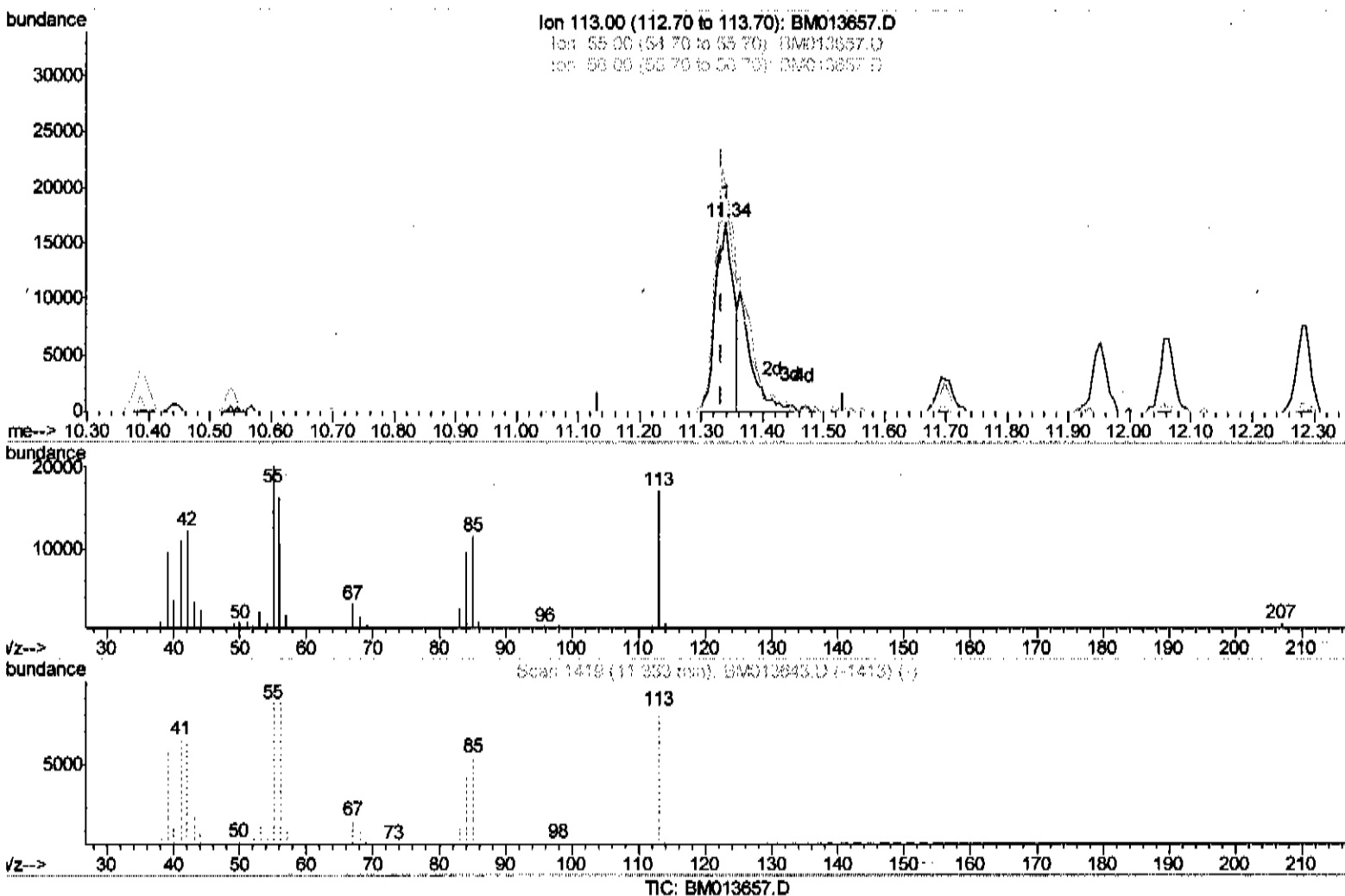
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(32) Caprolactam

11.339min (+0.006) 14.73ng/ul

response 33853

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	118.24#
56.00	200.00	95.44#
0.00	0.00	0.00

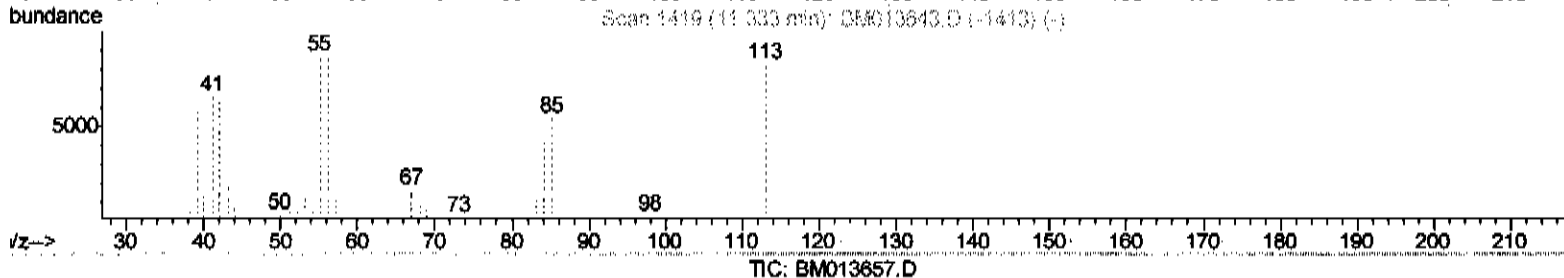
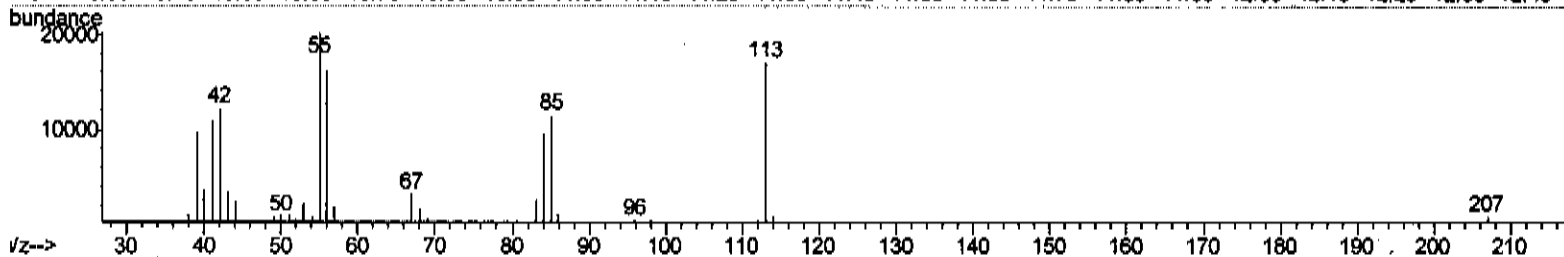
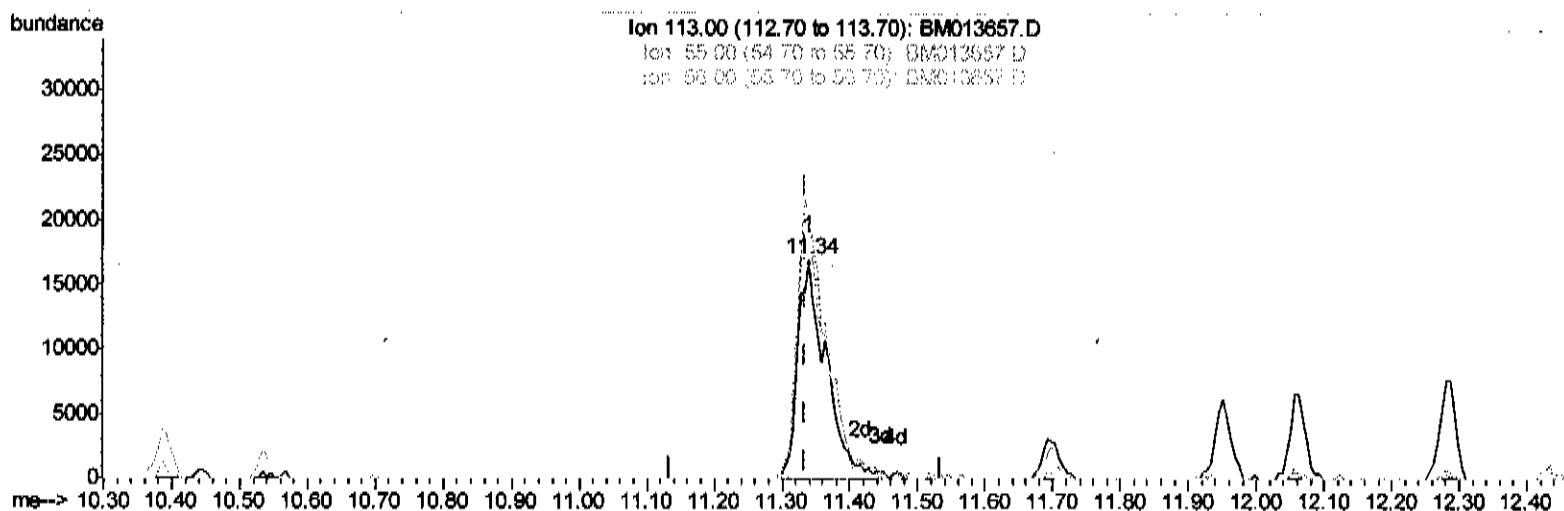
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(32) Caprolactam

11.339min (+0.006) 21.57ng/ul m

SJ 1/19/18

response 49562

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	118.24#
56.00	200.00	95.44#
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	7.62	152	136249	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	541100	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	310420	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	705543	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	746534	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	730584	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	21311	6.18	ng/uL	0.00
5) Phenol-d5	6.79	99	209150	20.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	119353	18.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	175849	20.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	165384	20.57	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	84469	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	88229	19.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	170922	19.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	180880	24.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	492703	19.26	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	635299	19.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	81228	19.54	ng/ul	0.00
57) Fluorene-d10	15.26	176	435434	19.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	75908	17.87	ng/ul	0.00
70) Anthracene-d10	17.12	188	675821	19.67	ng/ul	0.00
76) Pyrene-d10	19.42	212	741331	21.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	685459	20.41	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.19	88	25029m	6.628	ng/uL
4) Benzaldehyde	6.77	77	145098	20.045	ng/ul
6) Phenol	6.82	94	207089	19.740	ng/ul#
8) Bis(2-Chloroethyl)ether	7.05	93	155983	19.001	ng/ul
10) 2-Chlorophenol	7.18	128	169067	19.903	ng/ul
11) 2-Methylphenol	8.06	108	157620	20.382	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.15	45	159210	19.060	ng/ul#
14) Acetophenone	8.44	105	260844	19.603	ng/ul#
15) N-Nitroso-di-n-propylamine	8.42	70	128278	19.760	ng/ul#
16) 4-Methylphenol	8.39	108	166702	20.160	ng/ul
17) Hexachloroethane	8.67	117	74378	17.988	ng/ul#
20) Nitrobenzene	8.81	77	201905	18.615	ng/ul
21) Isophorone	9.33	82	331823	18.935	ng/ul
23) 2-Nitrophenol	9.52	139	94084	20.348	ng/ul#
24) 2,4-Dimethylphenol	9.58	107	192637	19.762	ng/ul#
25) Bis(2-Chloroethoxy)methane	9.82	93	202744	18.977	ng/ul
27) 2,4-Dichlorophenol	10.05	162	167978	20.337	ng/ul
28) Naphthalene	10.44	128	537012	19.949	ng/ul
30) 4-Chloroaniline	10.56	127	180144	24.432	ng/ul
31) Hexachlorobutadiene	10.72	225	121824	17.968	ng/ul
32) Caprolactam	11.34	113	49562m	21.569	ng/ul
33) 4-Chloro-3-methylphenol	11.70	107	169865	20.287	ng/ul
34) 2-Methylnaphthalene	12.06	142	399997	19.930	ng/ul

SJ 1/19/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	223938	19.469	ng/ul	96
37) Hexachlorocyclopentadiene	12.41	237	69380	14.529	ng/ul	95
38) 2,4,6-Trichlorophenol	12.69	196	136640	20.523	ng/ul	95
39) 2,4,5-Trichlorophenol	12.76	196	144654	20.880	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	512986	19.853	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	411486	20.372	ng/ul	96
42) 2-Nitroaniline	13.35	65	107687	19.327	ng/ul	89
44) Dimethylphthalate	13.73	163	489851	19.473	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	97234	19.947	ng/ul#	94
47) Acenaphthylene	13.99	152	596202	19.973	ng/ul	98
48) 3-Nitroaniline	14.19	138	86845	22.653	ng/ul#	88
49) Acenaphthene	14.33	153	419358	20.285	ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	42978	15.380	ng/ul	93
52) 4-Nitrophenol	14.50	109	77024	18.236	ng/ul#	81
53) Dibenzofuran	14.67	168	604089	19.423	ng/ul	96
54) 2,4-Dinitrotoluene	14.65	165	137785	19.390	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.90	232	126931	19.479	ng/ul	93
56) Diethylphthalate	15.10	149	463214	18.298	ng/ul	96
58) Fluorene	15.32	166	497932	19.545	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.32	204	259820	18.874	ng/ul	98
60) 4-Nitroaniline	15.36	138	97568	21.751	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.42	198	78473	17.506	ng/ul	94
64) N-Nitrosodiphenylamine	15.53	169	412731	19.890	ng/ul	97
65) 4-Bromophenyl-phenylether	16.22	248	156035	18.725	ng/ul	97
66) Hexachlorobenzene	16.32	284	171606	19.131	ng/ul#	91
67) Atrazine	16.49	200	162077	19.570	ng/ul	96
68) Pentachlorophenol	16.67	266	86174	18.079	ng/ul	93
69) Phenanthrene	17.06	178	772748	19.704	ng/ul	98
71) Anthracene	17.15	178	796969	19.702	ng/ul	98
72) Carbazole	17.43	167	658215	19.712	ng/ul	98
73) Di-n-butylphthalate	17.99	149	725932	18.485	ng/ul#	97
74) Fluoranthene	19.09	202	904590	19.323	ng/ul#	95
77) Pylene	19.44	202	948738	20.905	ng/ul#	92
78) Butylbenzylphthalate	20.36	149	330234	20.657	ng/ul	86
79) 3,3'-Dichlorobenzidine	21.14	252	273866	22.176	ng/ul#	94
80) Benzo(a)anthracene	21.20	228	908905	20.149	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	450870	18.797	ng/ul#	97
82) Chrysene	21.25	228	822908	19.885	ng/ul	99
84) Di-n-octyl phthalate	22.01	149	748004	16.989	ng/ul	99
85) Benzo(b)fluoranthene	22.76	252	918226	20.466	ng/ul#	97
86) Benzo(k)fluoranthene	22.80	252	844244	19.467	ng/ul#	97
88) Benzo(a)pyrene	23.32	252	860029	20.291	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.62	276	976933	19.526	ng/ul#	94
90) Dibenz(a,h)anthracene	25.63	278	829411	19.631	ng/ul#	98
91) Benzo(a,h,i)perylene	26.29	276	802532	19.489	ng/ul#	96

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