

Instrument :
BNA_M
LabSampleId :
SSTD02001

Sohil
12/27/2017 4:18:54 PM

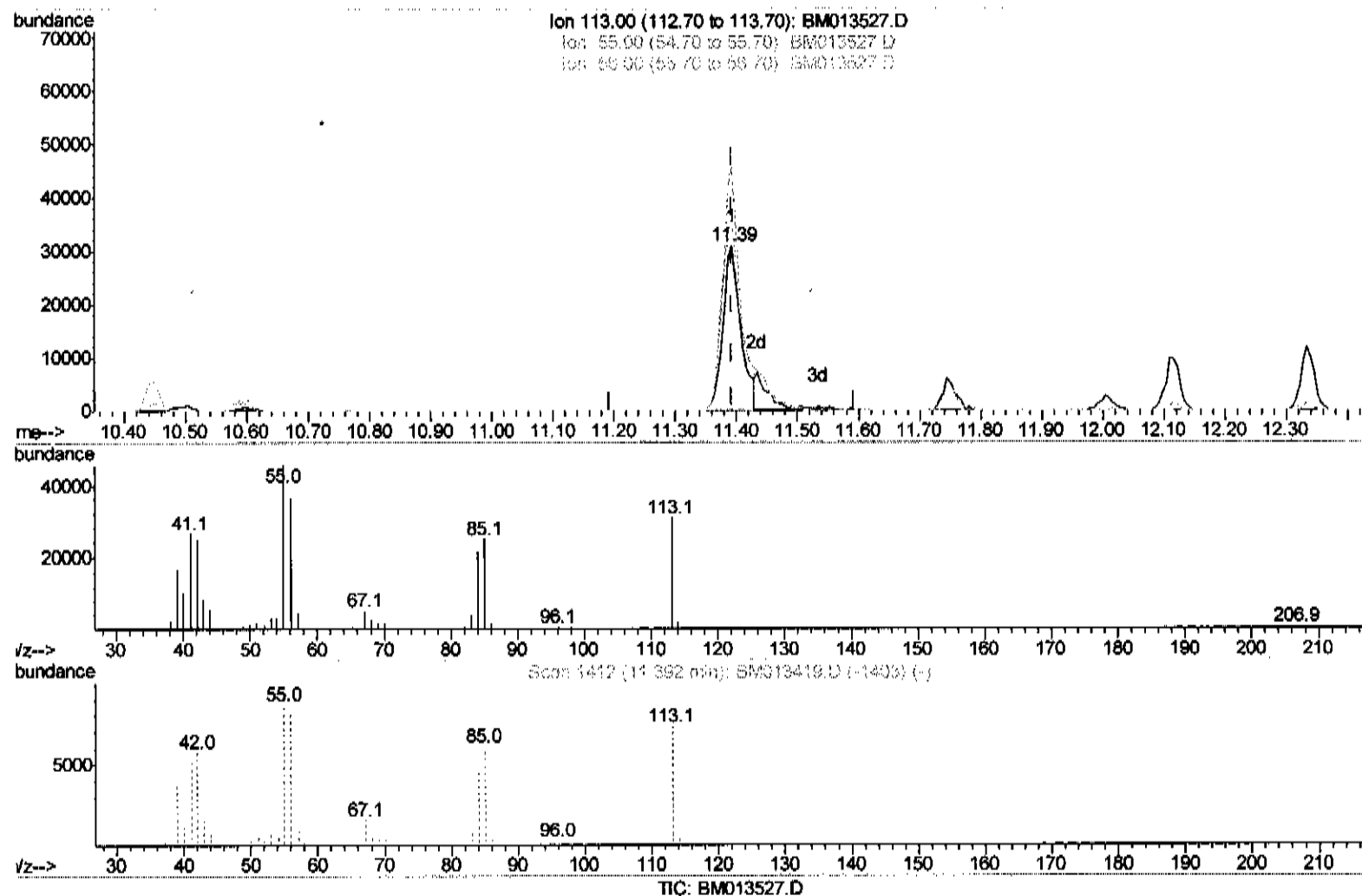
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122617\
 Data File : BM013527.D
 Acq On : 26 Dec 2017 10:41
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Dec 27 01:49:06 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 25 01:37:20 2017
 Response via : Initial Calibration



(32) Caprolactam

11.392min (-0.000) 14.96ng/ul

response 61943

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	148.53#
56.00	200.00	117.88#
0.00	0.00	0.00

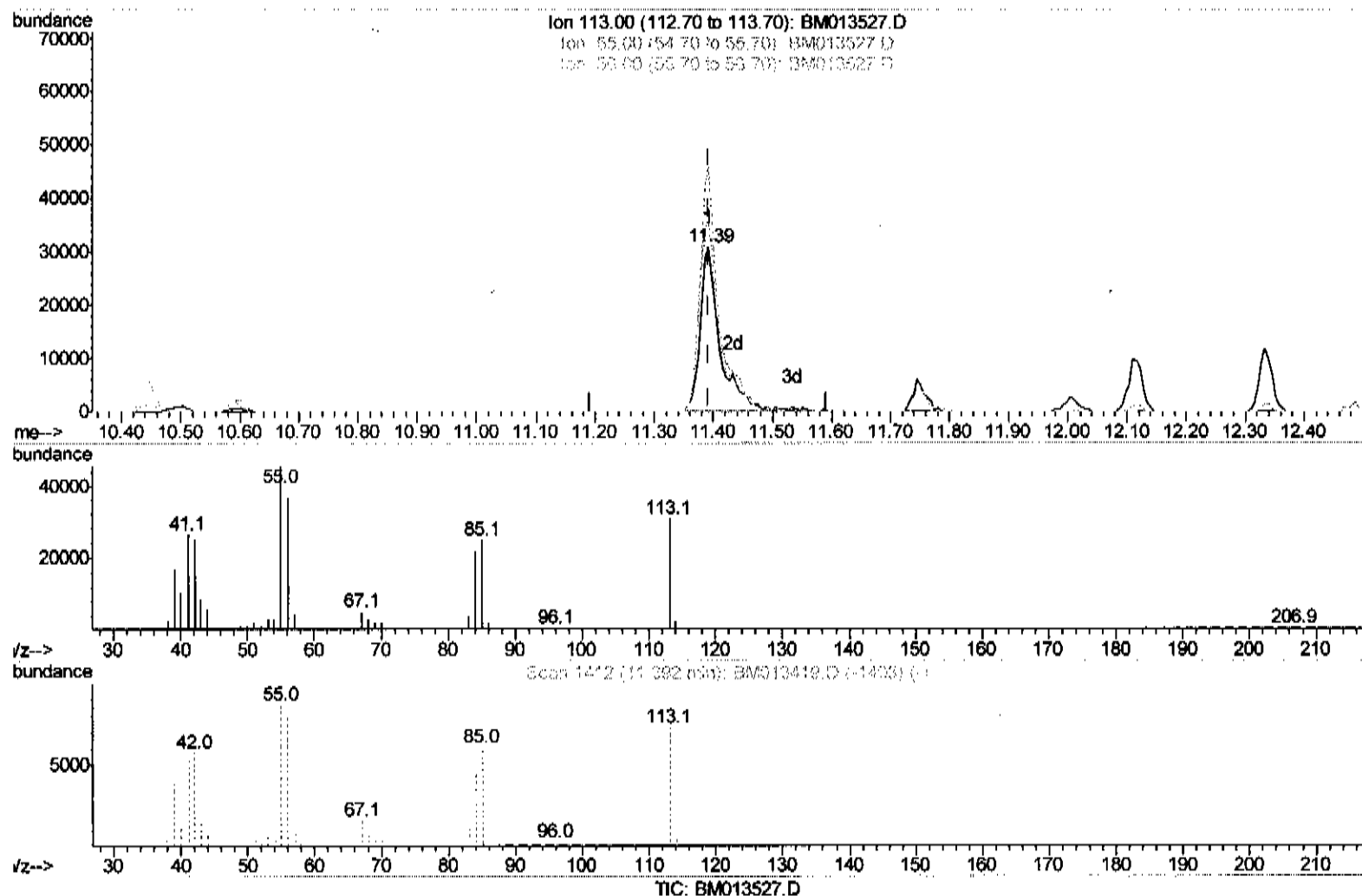
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(32) Caprolactam

11.392min (-0.000) 17.39ng/ul m

SJ 12/27/17

response 72011

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	148.53#
56.00	200.00	117.88#
0.00	0.00	0.00

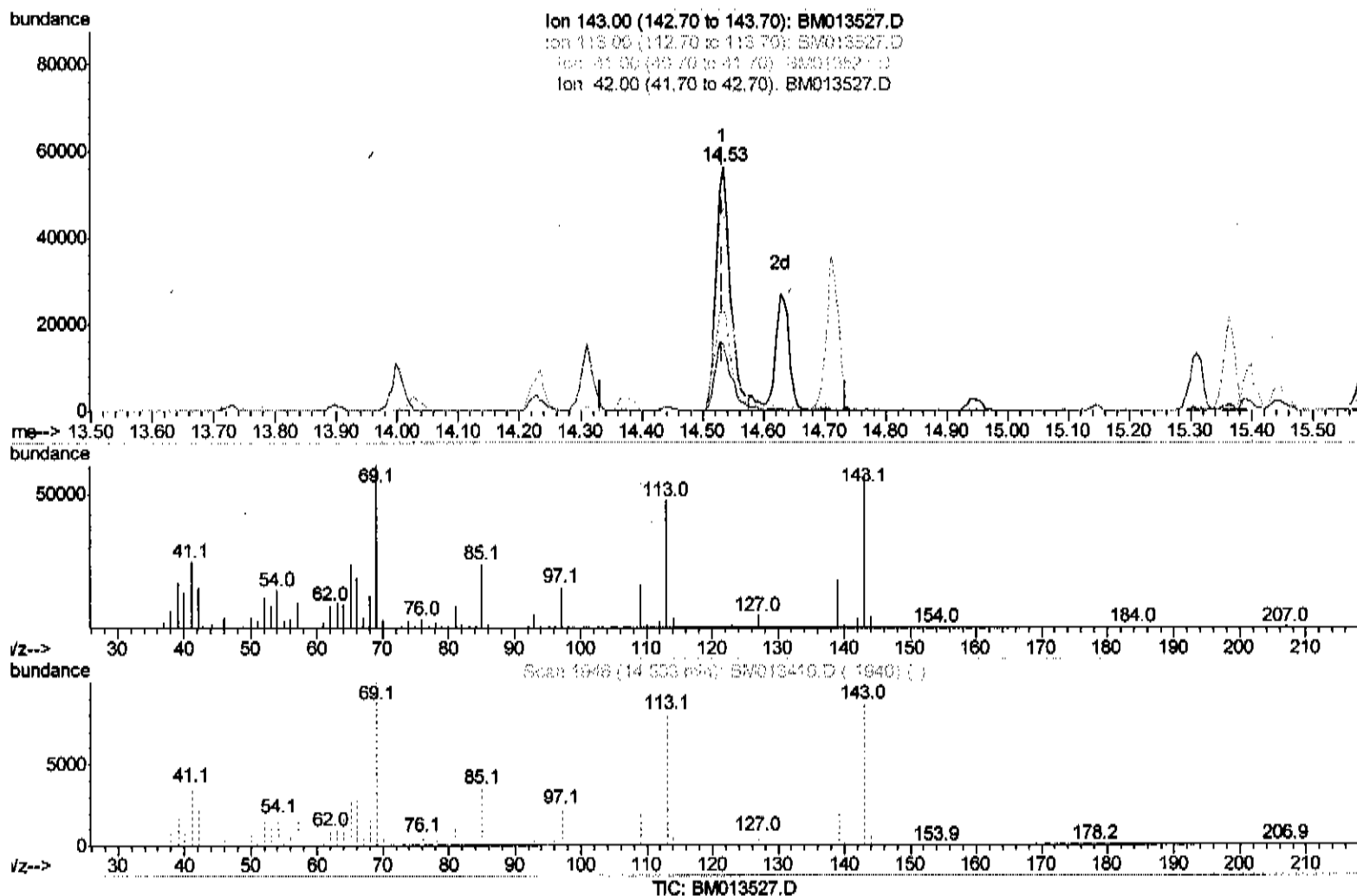
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(51) 4-Nitrophenol-d4 (S)

14.533min (-0.000) 12.54ng/ul

response 92821

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	83.90#
41.00	34.80	43.73#
42.00	20.50	27.16#

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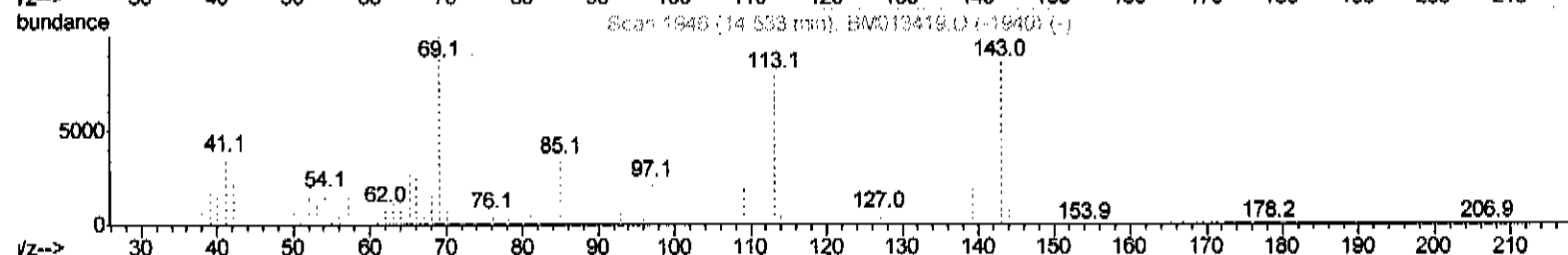
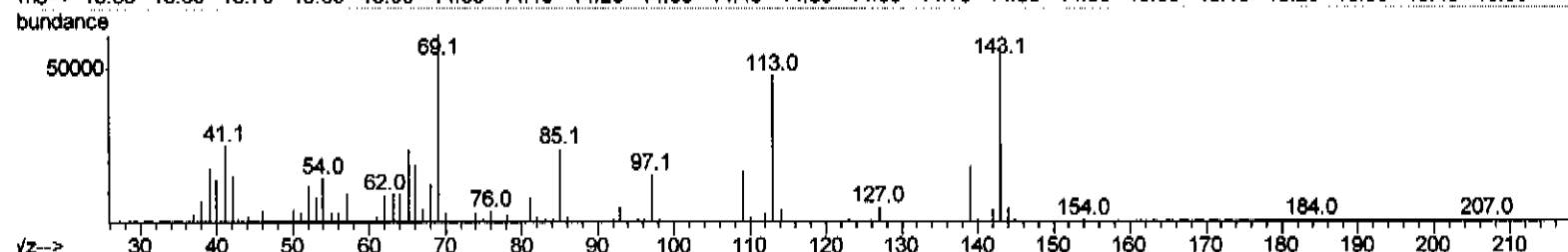
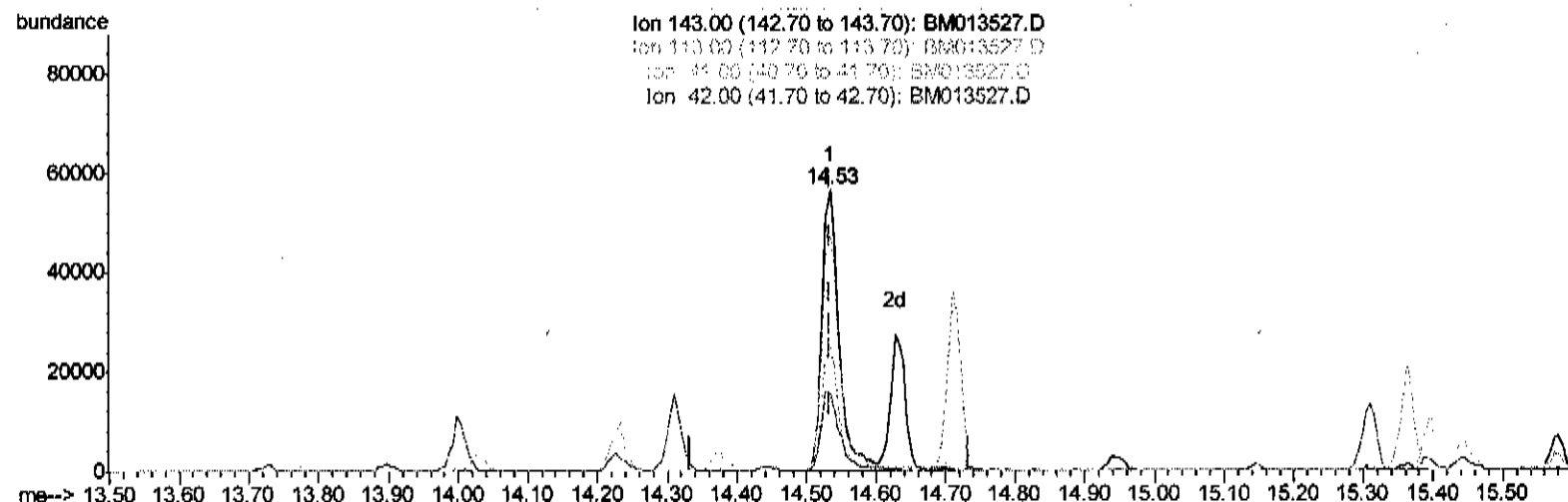
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Manual Integrations
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Ion 143.00 (142.70 to 143.70): BM013527.D
 Ion 113.00 (112.70 to 113.70): BM013527.D
 Ion 41.00 (40.70 to 41.70): BM013527.D
 Ion 42.00 (41.70 to 42.70): BM013527.D



TIC: BM013527.D

(51) 4-Nitrophenol-d4 (S)

14.533min (-0.000) 12.96ng/ul m

SJ 12/27/17

response 95954

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	83.90#
41.00	34.80	43.73#
42.00	20.50	27.16#

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Instrument :
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 LabSampled :
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Manual Integrations
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Quant Time: Dec 27 01:56:30 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	174977	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	801954	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	478747	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1005666	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	796531	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	669574	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	27506	7.79	ng/uL	0.00
5) Phenol-d5	6.85	99	297383	19.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	172805	20.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	234873	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	244845	18.93	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	127320	20.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	131530	19.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	268216	19.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	298134	23.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	778857	18.28	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1008790	19.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	95954m	12.96	ng/ul	0.00 - SJ 12/27/17
57) Fluorene-d10	15.31	176	682022	18.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	97239	15.37	ng/ul	0.00
70) Anthracene-d10	17.16	188	965890	19.18	ng/ul	0.00
76) Pyrene-d10	19.46	212	909545	22.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	663532	19.45	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.26	88	30828	7.772	ng/uL# 64
4) Benzaldehyde	6.82	77	160333	21.403	ng/ul 88
6) Phenol	6.87	94	297878	19.904	ng/ul# 83
8) Bis(2-Chloroethyl)ether	7.10	93	221254	19.336	ng/ul 94
10) 2-Chlorophenol	7.24	128	235085	20.266	ng/ul 94
11) 2-Methylphenol	8.12	108	227299	19.637	ng/ul 90
12) 2,2'-oxybis(1-Chloropropan	8.20	45	239238	19.912	ng/ul# 83
14) Acetophenone	8.49	105	385729	19.611	ng/ul 88
15) N-Nitroso-di-n-propylamine	8.47	70	194531	19.635	ng/ul# 67
16) 4-Methylphenol	8.44	108	241139	19.482	ng/ul 87
17) Hexachloroethane	8.73	117	92023	18.221	ng/ul# 78
20) Nitrobenzene	8.86	77	308951	19.285	ng/ul 95
21) Isophorone	9.39	82	506727	17.975	ng/ul# 94
23) 2-Nitrophenol	9.57	139	135135	19.150	ng/ul# 81
24) 2,4-Dimethylphenol	9.63	107	289389	18.803	ng/ul# 90
25) Bis(2-Chloroethoxy)methane	9.87	93	317756	19.260	ng/ul 95
27) 2,4-Dichlorophenol	10.10	162	249403	19.250	ng/ul# 88
28) Naphthalene	10.50	128	793181	19.224	ng/ul 99
30) 4-Chloroaniline	10.62	127	286583	22.962	ng/ul 95
31) Hexachlorobutadiene	10.77	225	168497	17.954	ng/ul 97
32) Caprolactam	11.39	113	72011m	17.391	ng/ul - SJ 12/27/17
33) 4-Chloro-3-methylphenol	11.75	107	261934	18.430	ng/ul 98
34) 2-Methylnaphthalene	12.12	142	595444	19.198	ng/ul 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	346337	20.049	ng/ul	98
37) Hexachlorocyclopentadiene	12.46	237	173604	15.268	ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	212509	19.732	ng/ul	96
39) 2,4,5-Trichlorophenol	12.82	196	219302	19.170	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	802705	19.839	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	629895	19.843	ng/ul	100
42) 2-Nitroaniline	13.40	65	172520	18.550	ng/ul	92
44) Dimethylphthalate	13.77	163	751784	18.450	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	154787	18.626	ng/ul#	94
47) Acenaphthylene	14.03	152	937231	19.264	ng/ul	98
48) 3-Nitroaniline	14.23	138	135334	18.219	ng/ul	86
49) Acenaphthene	14.37	153	633541	19.116	ng/ul	99
50) 2,4-Dinitrophenol	14.44	184	56023	12.182	ng/ul#	88
52) 4-Nitrophenol	14.55	109	91706	12.629	ng/ul	84
53) Dibenzofuran	14.72	168	921487	18.834	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	212379	17.568	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.94	232	184825	17.621	ng/ul	93
56) Diethylphthalate	15.14	149	744644	18.221	ng/ul	97
58) Fluorene	15.36	166	747922	18.478	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.36	204	403694	18.376	ng/ul	97
60) 4-Nitroaniline	15.40	138	117754	13.436	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.46	198	96447	15.256	ng/ul	96
64) N-Nitrosodiphenylamine	15.58	169	614461	20.742	ng/ul	97
65) 4-Bromophenyl-phenylether	16.26	248	248613	21.030	ng/ul	97
66) Hexachlorobenzene	16.37	284	261134	20.030	ng/ul#	91
67) Atrazine	16.53	200	205050	18.752	ng/ul	97
68) Pentachlorophenol	16.72	266	114901	15.238	ng/ul	98
69) Phenanthrene	17.10	178	1105794	19.354	ng/ul	99
71) Anthracene	17.20	178	1113862	19.073	ng/ul	98
72) Carbazole	17.47	167	835751	16.638	ng/ul	98
73) Di-n-butylphthalate	18.03	149	1135389	19.362	ng/ul	99
74) Fluoranthene	19.12	202	1122698	16.035	ng/ul#	90
77) Pyrene	19.49	202	1104863	22.832	ng/ul#	92
78) Butylbenzylphthalate	20.40	149	382478	20.229	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.17	252	247731	14.795	ng/ul#	94
80) Benzo(a)anthracene	21.24	228	964684	19.088	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.17	149	601717	21.113	ng/ul#	96
82) Chrysene	21.29	228	901927	19.236	ng/ul	99
84) Di-n-octyl phthalate	22.05	149	865024	18.168	ng/ul	99
85) Benzo(b)fluoranthene	22.81	252	893996	19.806	ng/ul#	97
86) Benzo(k)fluoranthene	22.85	252	822724	19.369	ng/ul#	98
88) Benzo(a)pyrene	23.38	252	804190	19.834	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.71	276	785751	19.531	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.71	278	648233	18.923	ng/ul#	95
91) Benzo(g,h,i)perylene	26.39	276	657965	20.734	ng/ul#	97

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