

Instrument :
BNA_M
LabSampleId :
SSTD02040

Sohil
1/25/2018 5:35:36 PM

TIC: BM013783.D

Abundance

Time-->

1,4-Dioxane-d8,S
Bis(2-chlorophenyl)methane-d6,S
1,4-Dichlorobenzene-d4,l
2,2'-oxybis[2-methylphenol],S
N,N'-bis(2-chlorophenyl)ethane-1,2-dione
2-Nitrophenol
Bis(2-chlorophenyl)methanol
2,4-Dichlorophenol-S
Hexachlorocyclopentadiene
Caprolactam
4-Chloro-3-methylphenol,C
2-Methylnaphthalene
Hexachlorocyclopentadiene
2,4,5-Tetrachlorobenzene
2,4,5-Trichlorophenol,C
2-Chloronaphthalene
2-Nitroaniline
Dimethylphthalate-d6,S
7-Ethyltoluene
Acetophenone-d6,S
2,4-Dinitrophenol
2,4-Dinitrotoluene-d4,S
2,3,4,6-Tetrachlorophenol
Di-n-butylphthalate
4-Nitro-2-methylphenol-d2,S
N-Nitrosodiphenylamine
Phenylphenylether
Pentachlorophenol,C
Atrazine
Carbazole
Di-n-butylphthalate
Fluoranthene,C
Pyrene-d9,S
Butylbenzylphthalate
Chrysene
Benzoylchloride
Di-n-octyl phthalate
Benzo(k)fluoranthene
Perylene-1,4,9,10-tetracarboxylic diimide
Benzo(a)pyrene-1,4,5,9-tetracarboxylic diimide
Dibenz(a,h,i,j,k)perylene

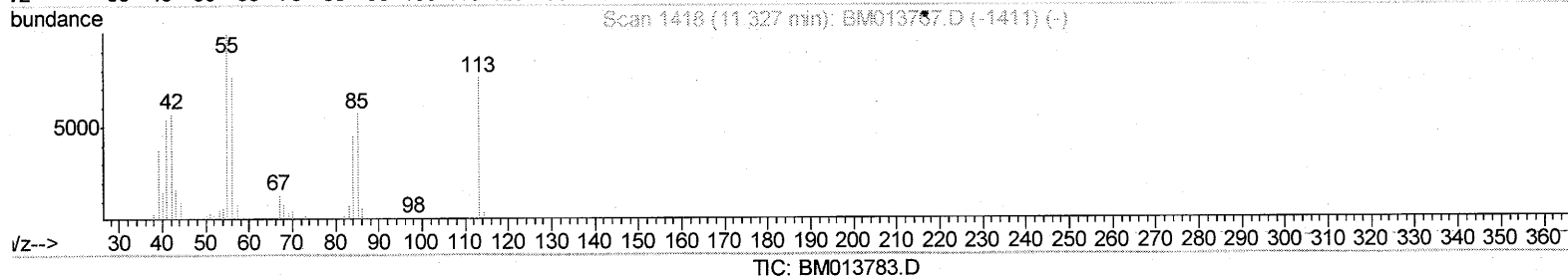
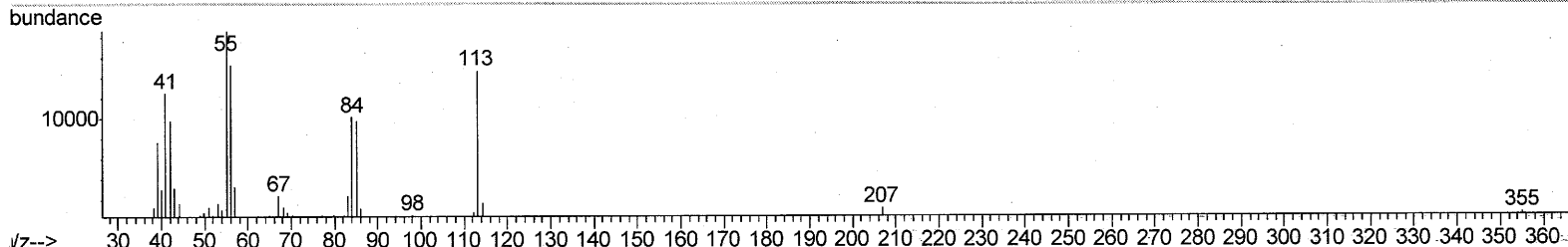
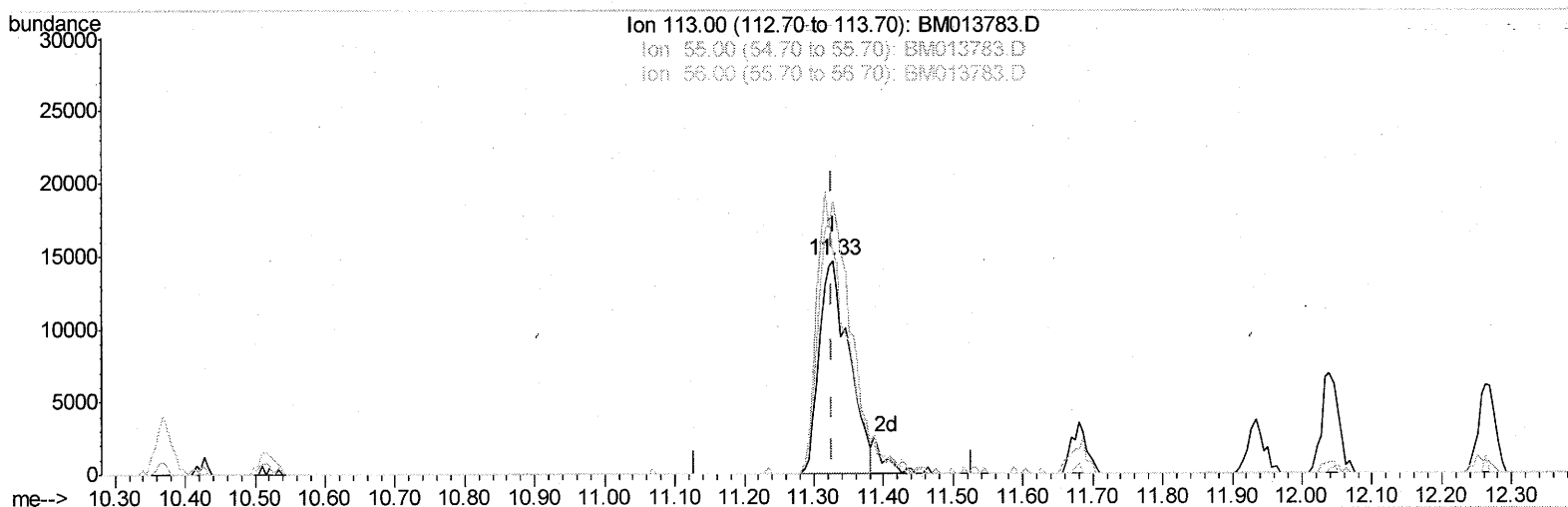
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013783.D
 Acq On : 25 Jan 2018 00:12
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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Manual Integrations
 APPROVED

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Quant Time: Jan 25 03:17:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 00:32:09 2018
 Response via : Initial Calibration



(32) Caprolactam

11.327min (+0.000) 20.93ng/ul

response 43847

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	127.40#
56.00	200.00	104.10#
0.00	0.00	0.00

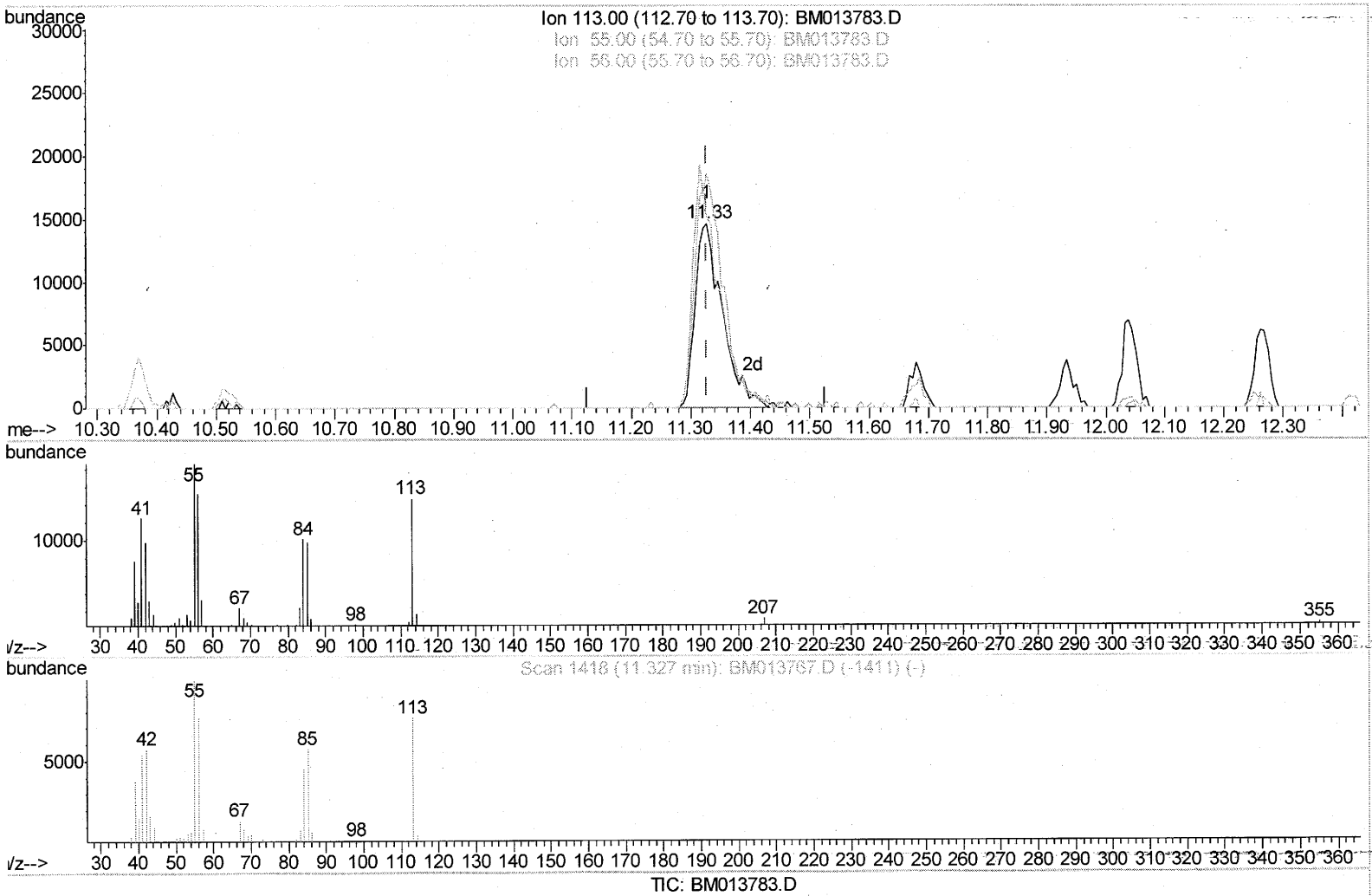
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(32) Caprolactam

11.327min (+0.000) 22.23ng/ul m

SJ/27/18

response 46571

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	127.40#
56.00	200.00	104.10#
0.00	0.00	0.00

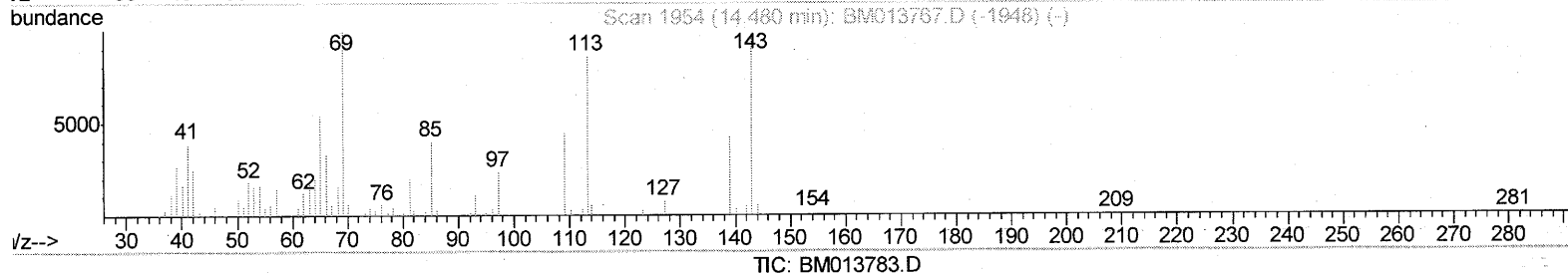
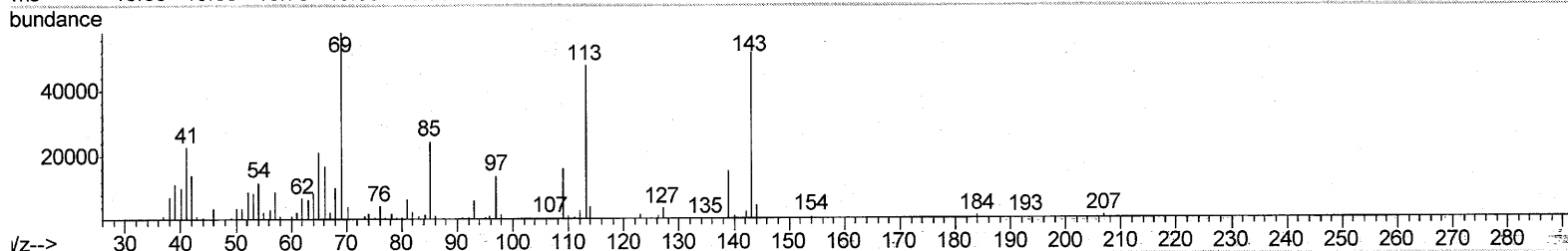
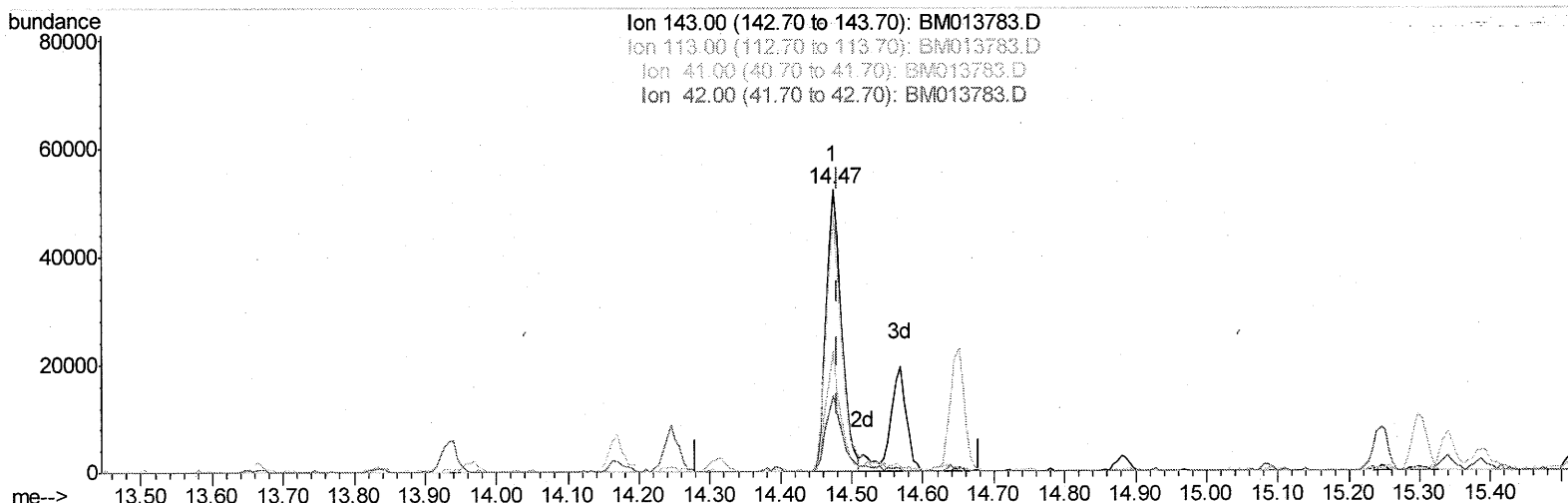
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(51) 4-Nitrophenol-d4 (S)

14.474min (-0.006) 20.05ng/ul

response 78569

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	91.83
41.00	34.80	43.20#
42.00	20.50	26.68#

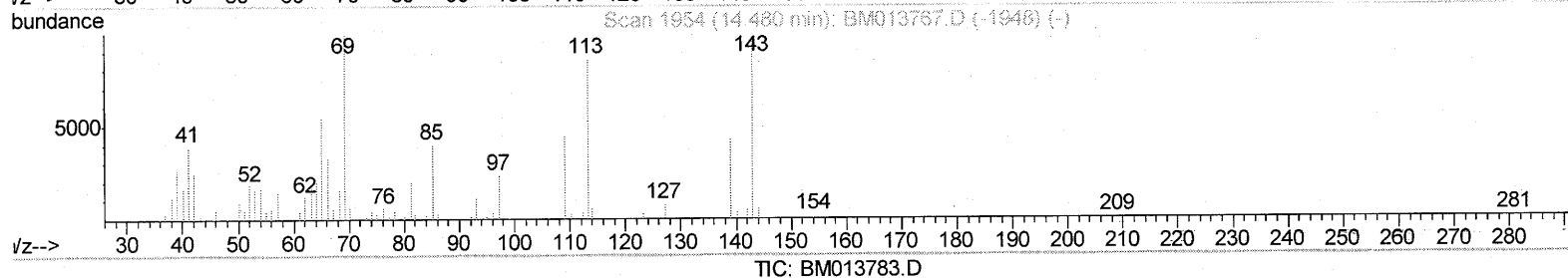
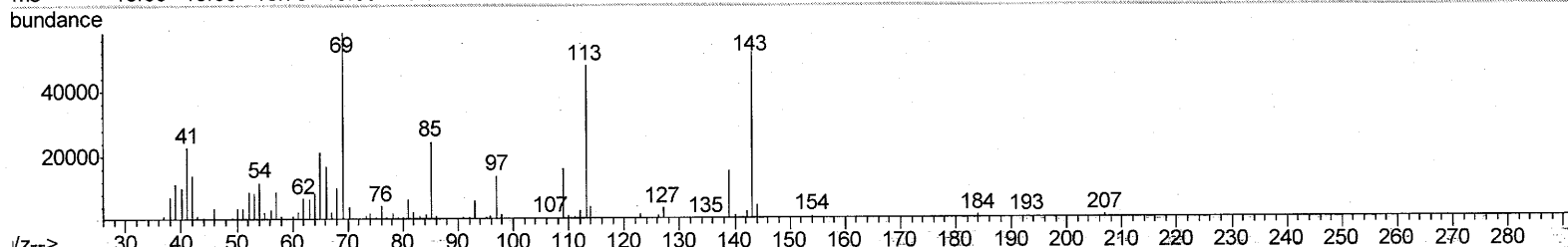
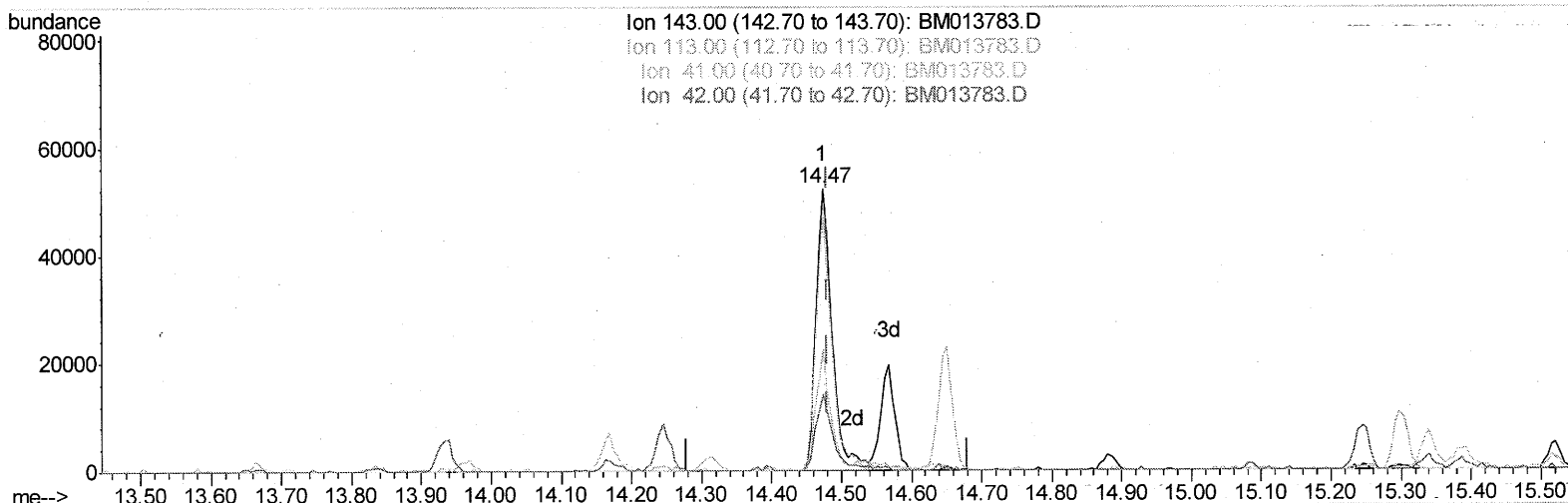
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Manual Integrations
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(51) 4-Nitrophenol-d4 (S)

14.474min (-0.006) 21.01ng/ul m

SJ 1/27/18

response 82329

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	91.83
41.00	34.80	43.20#
42.00	20.50	26.68#

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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	121662	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	493375	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	292510	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	715214	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	787662	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	765678	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	19080	6.20	ng/uL	0.00
5) Phenol-d5	6.78	99	180112	19.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	105761	18.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	156873	20.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	150101	20.91	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	74022	19.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	83385	20.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	163634	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	175196	25.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	502481	20.84	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	617648	20.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	82329m	21.01	ng/ul	0.00
57) Fluorene-d10	15.24	176	430693	20.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	77229	17.94	ng/ul	0.00
70) Anthracene-d10	17.10	188	694588	19.94	ng/ul	0.00
76) Pyrene-d10	19.40	212	792856	21.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	725154	20.61	ng/ul	0.00

- SJ 1/27/18

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.19	88	21592	6.403	ng/uL#	63
4) Benzaldehyde	6.75	77	126280	19.537	ng/ul	92
6) Phenol	6.80	94	182438	19.475	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.03	93	136735	18.653	ng/ul	98
10) 2-Chlorophenol	7.16	128	150959	19.902	ng/ul	95
11) 2-Methylphenol	8.05	108	137385	19.895	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.13	45	140681	18.861	ng/ul#	78
14) Acetophenone	8.42	105	231302	19.467	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.40	70	116871	20.162	ng/ul#	70
16) 4-Methylphenol	8.37	108	149074	20.190	ng/ul	100
17) Hexachloroethane	8.66	117	69486	18.820	ng/ul#	75
20) Nitrobenzene	8.79	77	182072	18.410	ng/ul	91
21) Isophorone	9.32	82	308149	19.285	ng/ul#	93
23) 2-Nitrophenol	9.50	139	84874	20.132	ng/ul#	76
24) 2,4-Dimethylphenol	9.56	107	176817	19.893	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	9.80	93	184056	18.894	ng/ul	90
27) 2,4-Dichlorophenol	10.03	162	149761	19.885	ng/ul	91
28) Naphthalene	10.42	128	493221	20.094	ng/ul	99
30) 4-Chloroaniline	10.54	127	177791	26.445	ng/ul	92
31) Hexachlorobutadiene	10.70	225	117530	19.011	ng/ul	96
32) Caprolactam	11.33	113	46571m	22.228	ng/ul	95
33) 4-Chloro-3-methylphenol	11.68	107	162128	21.236	ng/ul	95
34) 2-Methylnaphthalene	12.04	142	356708	19.492	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	217177	20.038	ng/ul	97
37) Hexachlorocyclopentadiene	12.39	237	59014	13.115	ng/ul	98
38) 2,4,6-Trichlorophenol	12.67	196	134143	21.382	ng/ul	98
39) 2,4,5-Trichlorophenol	12.74	196	139421	21.357	ng/ul	98
40) 1,1'-Biphenyl	13.07	154	480508	19.735	ng/ul	95
41) 2-Chloronaphthalene	13.11	162	377128	19.814	ng/ul	96
42) 2-Nitroaniline	13.33	65	111247	21.188	ng/ul	96
44) Dimethylphthalate	13.72	163	489875	20.667	ng/ul	97
45) 2,6-Dinitrotoluene	13.84	165	98465	21.436	ng/ul#	93
47) Acenaphthylene	13.96	152	567162	20.163	ng/ul	99
48) 3-Nitroaniline	14.17	138	86712	24.004	ng/ul	99
49) Acenaphthene	14.31	153	385312	19.779	ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	43661	16.581	ng/ul	89
52) 4-Nitrophenol	14.49	109	79387	19.947	ng/ul	87
53) Dibenzofuran	14.65	168	583734	19.918	ng/ul	98
54) 2,4-Dinitrotoluene	14.63	165	148205	22.134	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.88	232	130328	21.225	ng/ul#	91
56) Diethylphthalate	15.09	149	485982	20.373	ng/ul	97
58) Fluorene	15.30	166	493280	20.548	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.30	204	255035	19.661	ng/ul	98
60) 4-Nitroaniline	15.34	138	91678	21.690	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.40	198	84893	18.682	ng/ul#	97
64) N-Nitrosodiphenylamine	15.52	169	425115	20.210	ng/ul	96
65) 4-Bromophenyl-phenylether	16.20	248	166236	19.679	ng/ul	96
66) Hexachlorobenzene	16.30	284	181004	19.906	ng/ul#	91
67) Atrazine	16.48	200	167795	19.986	ng/ul	91
68) Pentachlorophenol	16.66	266	93572	19.366	ng/ul	99
69) Phenanthrene	17.04	178	796185	20.027	ng/ul	98
71) Anthracene	17.13	178	813768	19.845	ng/ul	99
72) Carbazole	17.41	167	697334	20.602	ng/ul	97
73) Di-n-butylphthalate	17.98	149	818096	20.550	ng/ul#	98
74) Fluoranthene	19.07	202	967728	20.392	ng/ul#	94
77) Pvrene	19.43	202	1017866	21.257	ng/ul#	94
78) Butylbenzylphthalate	20.34	149	376195	22.303	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.13	252	310895	23.859	ng/ul#	96
80) Benzo(a)anthracene	21.19	228	993198	20.868	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.12	149	562567	22.229	ng/ul#	97
82) Chrysene	21.24	228	894887	20.496	ng/ul	98
84) Di-n-octyl phthalate	21.99	149	915977	19.851	ng/ul	99
85) Benzo(b)fluoranthene	22.74	252	1010683	21.494	ng/ul#	98
86) Benzo(k)fluoranthene	22.78	252	897843	19.754	ng/ul#	97
88) Benzo(a)pyrene	23.30	252	897345	20.201	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.59	276	1044191	19.914	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.59	278	883827	19.960	ng/ul#	96
91) Benzo(a,h,i)perylene	26.25	276	861332	19.958	ng/ul	98

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