

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\

Quantitation Report (Qedit)

Data File : BM010682.D

Acq On : 23 Jun 2017 04:32

Operator : SJ/JU

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 23 05:11:36 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jun 23 05:06:10 2017

Response via : Initial Calibration

Instrument :

BNA_M

LabSampleId :

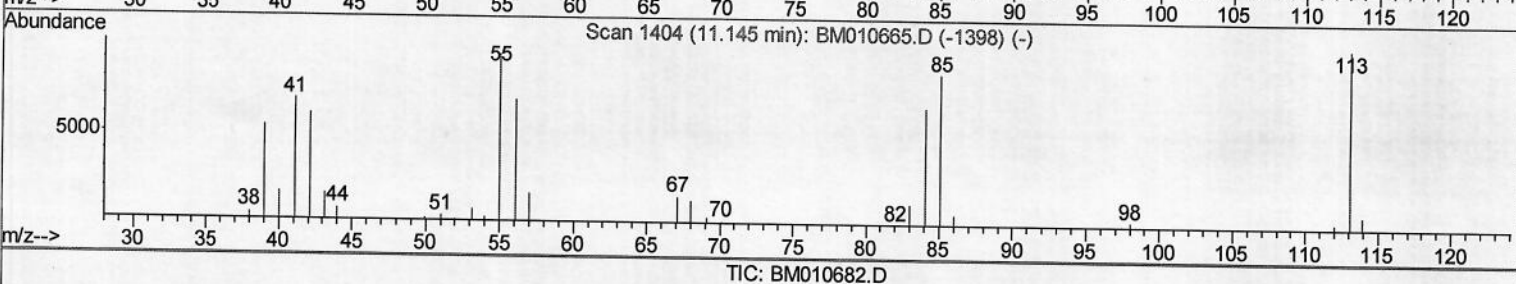
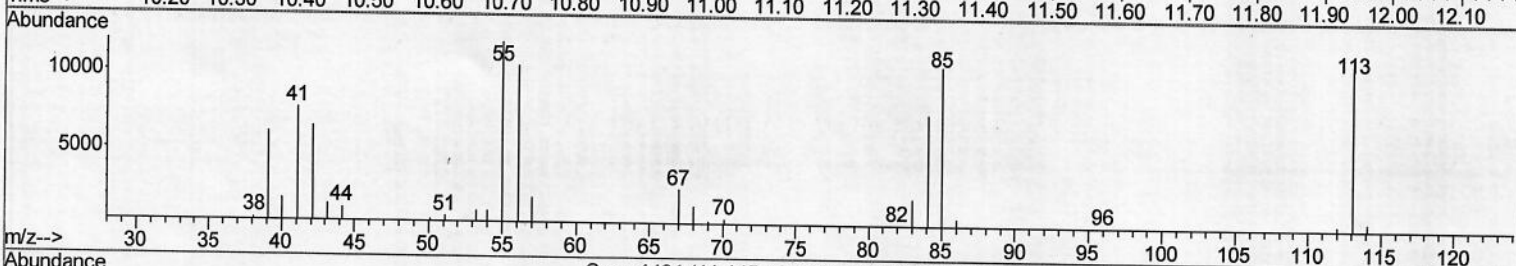
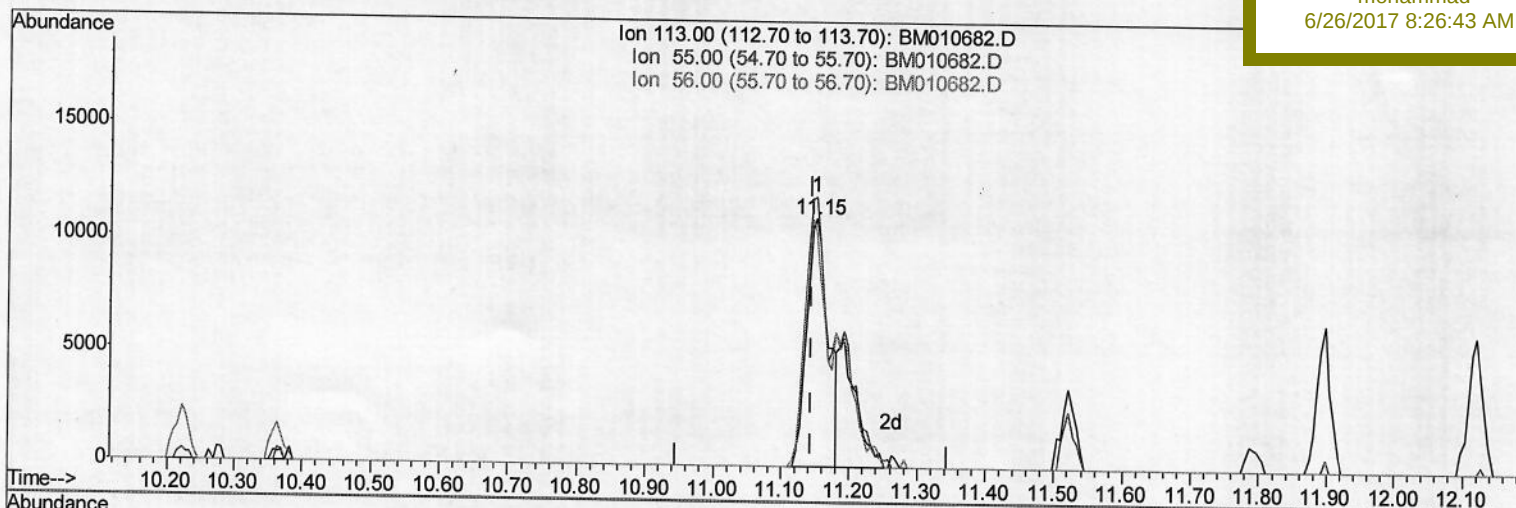
SSTD02045

Manual Integrations

APPROVED

mohammad

6/26/2017 8:26:43 AM



TIC: BM010682.D

(32) Caprolactam

11.151min (+0.006) 13.14ng/ul

response 24379

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	108.46
56.00	107.50	94.68
0.00	0.00	0.00

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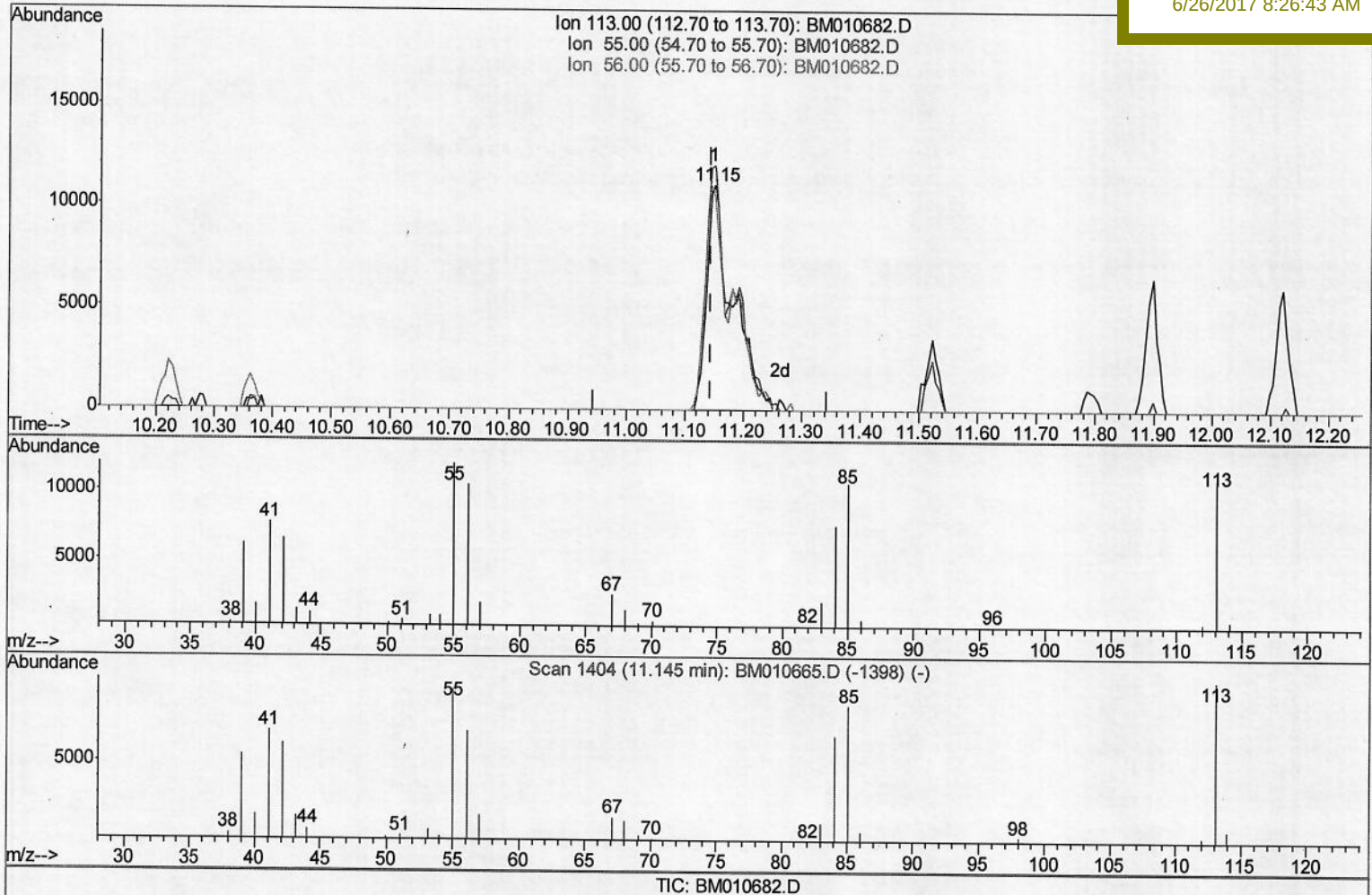
SSTD02045

Manual Integrations

APPROVED

mohammad

6/26/2017 8:26:43 AM



(32) Caprolactam

11.151min (+0.006) 18.64ng/ul m

response 34600

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	108.46
56.00	107.50	94.68
0.00	0.00	0.00

> 5.1
06/28/17

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LabSampleId :

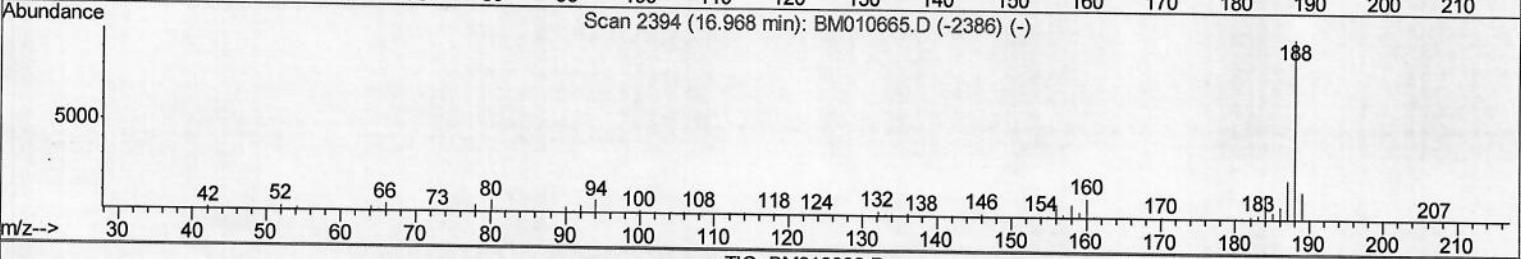
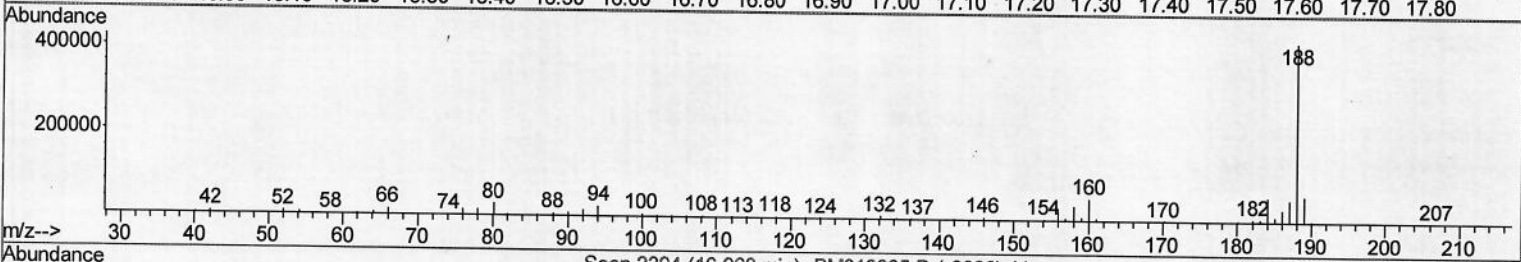
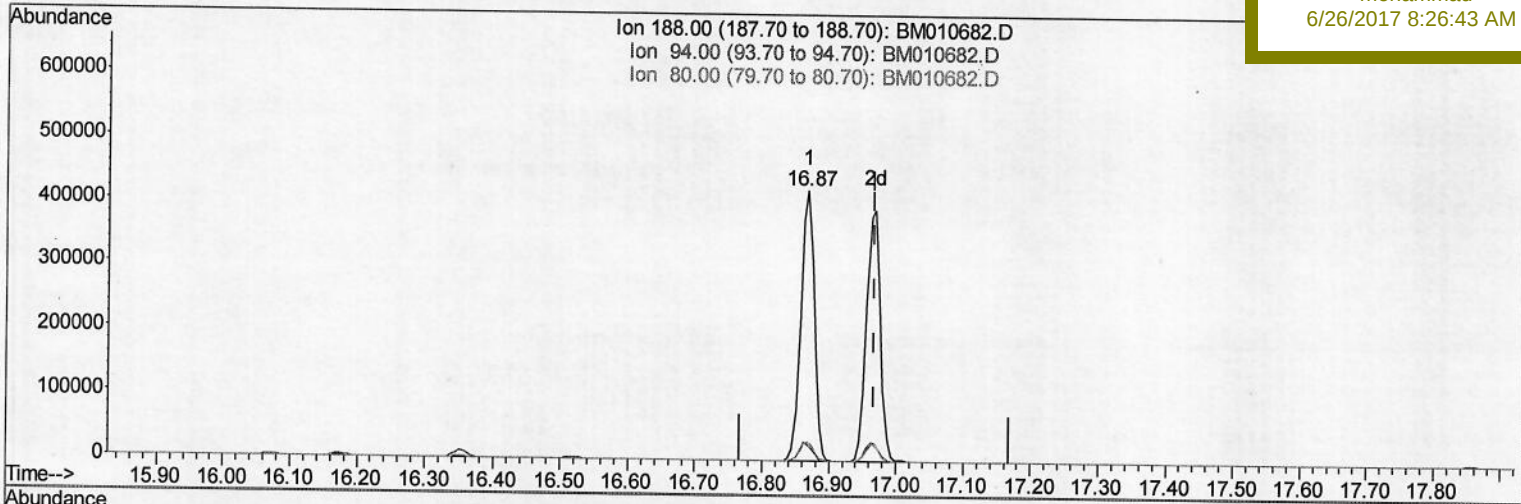
SSTD02045

Manual Integrations

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mohammad

6/26/2017 8:26:43 AM



TIC: BM010682.D

(70) Anthracene-d10 (S)

16.868min (-0.100) 20.71ng/ul

response 575687

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	5.83
80.00	5.90	6.81
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Quantitation Report (Qedit)

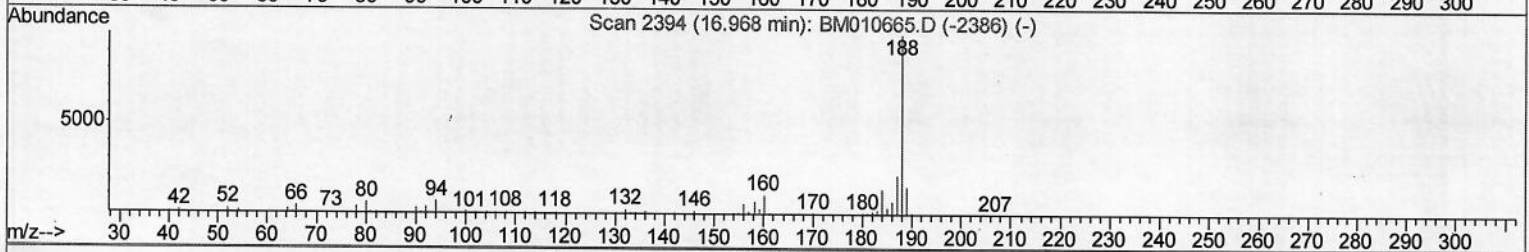
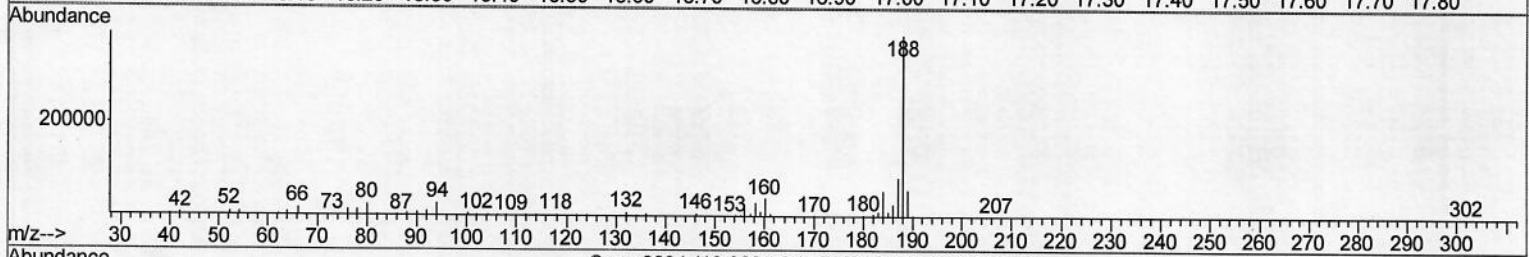
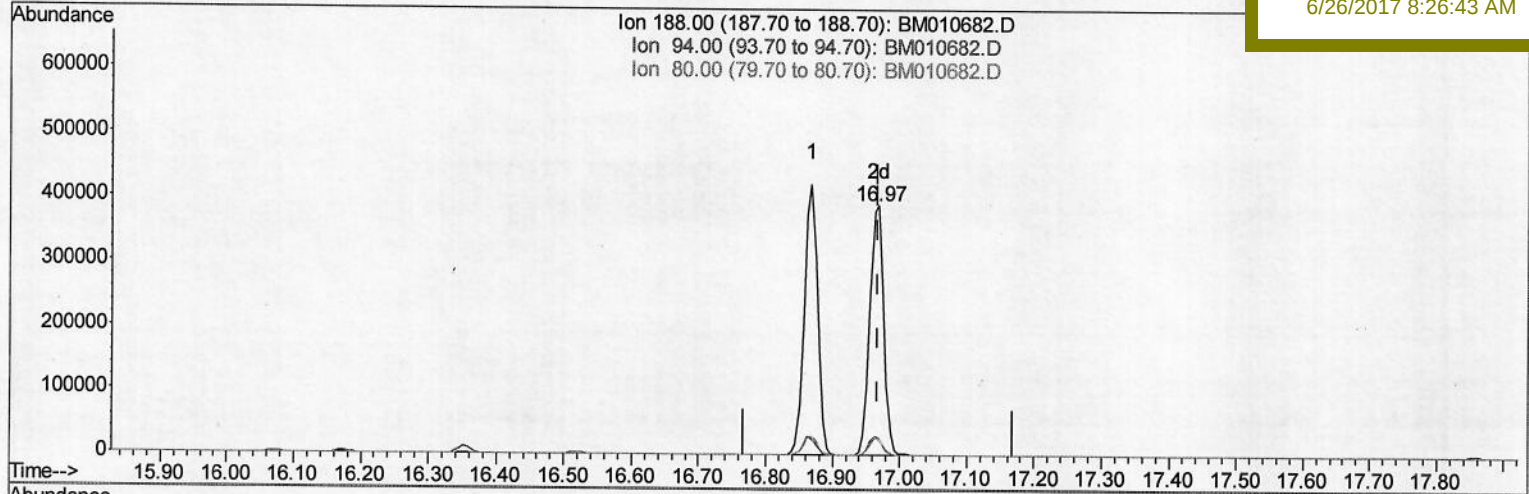
Data File : BM010682.D
Acq On : 23 Jun 2017 04:32
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

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BNA_M
LabSampleId :
SSTD02045

Manual Integrations
APPROVED

mohammad
6/26/2017 8:26:43 AM



TIC: BM010682.D

(70) Anthracene-d10 (S)

16.968min (-0.000) 19.93ng/ul m

response 553991

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	7.07#
80.00	5.90	6.51
0.00	0.00	0.00

> 9.9
06/28/17

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 23 07:08:06 2017
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Quant Title : SVOA CALIBRATION
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Manual Integrations
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6/26/2017 8:26:43 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	69367	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	313961	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	225692	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	575687	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	654882	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	512716	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	9616	7.94	ng/uL	0.00
5) Phenol-d5	6.65	99	118793	17.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	61920	16.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	87609	18.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	98718	18.02	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	47724	21.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	56220	21.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	111409	20.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	129836	22.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	387691	19.57	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	447808	19.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	64159	18.40	ng/ul	0.00
57) Fluorene-d10	15.12	176	337371	19.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	73994	20.93	ng/ul	0.00
70) Anthracene-d10	16.97	188	553991m	19.93	ng/ul	0.00
76) Pyrene-d10	19.27	212	628291	20.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	497055	20.06	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	10465	7.74	ng/uL#	45
4) Benzaldehyde	6.62	77	82507	21.22	ng/ul	92
6) Phenol	6.67	94	121379	17.83	ng/ul	92
8) Bis(2-Chloroethyl)ether	6.90	93	88268	17.81	ng/ul	89
10) 2-Chlorophenol	7.03	128	88789	19.16	ng/ul	96
11) 2-Methylphenol	7.90	108	96343	18.57	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.00	45	54984	15.90	ng/ul#	84
14) Acetophenone	8.27	105	167958	18.78	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.27	70	87365	18.12	ng/ul#	91
16) 4-Methylphenol	8.23	108	104754	18.35	ng/ul	91
17) Hexachloroethane	8.52	117	42223	20.49	ng/ul#	75
20) Nitrobenzene	8.65	77	130779	20.01	ng/ul	96
21) Isophorone	9.17	82	235291	18.11	ng/ul	99
23) 2-Nitrophenol	9.35	139	57560	21.03	ng/ul	92
24) 2,4-Dimethylphenol	9.42	107	142146	20.42	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.66	93	129527	17.98	ng/ul	95
27) 2,4-Dichlorophenol	9.87	162	110829	20.96	ng/ul#	90
28) Naphthalene	10.27	128	309421	19.80	ng/ul	99
30) 4-Chloroaniline	10.39	127	130919	22.74	ng/ul	91
31) Hexachlorobutadiene	10.56	225	84828	21.27	ng/ul	95
32) Caprolactam	11.15	113	34600m	18.64	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	135145	20.04	ng/ul	91
34) 2-Methylnaphthalene	11.90	142	250647	19.96	ng/ul	99

> 5.3
06/28/17

> 5.3
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LabSampleId :

SSTD02045

Manual Integrations

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6/26/2017 8:26:43 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	163220	20.49	ng/ul#	97
37) Hexachlorocyclopentadiene	12.26	237	84957	18.55	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.53	196	109744	20.18	ng/ul	96
39) 2,4,5-Trichlorophenol	12.59	196	114917	20.46	ng/ul	98
40) 1,1'-Biphenyl	12.93	154	345121	19.56	ng/ul	99
41) 2-Chloronaphthalene	12.97	162	277060	19.95	ng/ul	95
42) 2-Nitroaniline	13.19	65	85018	20.93	ng/ul	97
44) Dimethylphthalate	13.58	163	381213	19.63	ng/ul	100
45) 2,6-Dinitrotoluene	13.70	165	74848	22.25	ng/ul#	84
47) Acenaphthylene	13.83	152	429851	19.58	ng/ul	97
48) 3-Nitroaniline	14.02	138	70118	20.67	ng/ul	99
49) Acenaphthene	14.17	153	284383	19.21	ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	49722	20.41	ng/ul#	82
52) 4-Nitrophenol	14.34	109	100404	22.70	ng/ul#	83
53) Dibenzofuran	14.52	168	448024	19.98	ng/ul	96
54) 2,4-Dinitrotoluene	14.49	165	110997	21.27	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	14.74	232	113111	19.91	ng/ul#	88
56) Diethylphthalate	14.97	149	395022	19.33	ng/ul	96
58) Fluorene	15.17	166	360232	19.19	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.17	204	203764	19.97	ng/ul	91
60) 4-Nitroaniline	15.20	138	83193	20.76	ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.26	198	75819	20.12	ng/ul	94
64) N-Nitrosodiphenylamine	15.39	169	312974	19.60	ng/ul	99
65) 4-Bromophenyl-phenylether	16.07	248	129537	19.65	ng/ul#	88
66) Hexachlorobenzene	16.17	284	139045	20.03	ng/ul#	85
67) Atrazine	16.36	200	141881	21.09	ng/ul	97
68) Pentachlorophenol	16.52	266	94899	19.39	ng/ul	98
69) Phenanthrene	16.91	178	600607	19.62	ng/ul	98
71) Anthracene	17.00	178	625616	19.84	ng/ul	99
72) Carbazole	17.27	167	527176	19.16	ng/ul	96
73) Di-n-butylphthalate	17.86	149	662717	18.95	ng/ul	100
74) Fluoranthene	18.94	202	768367	19.48	ng/ul	98
77) Pyrene	19.30	202	782169	20.68	ng/ul#	98
78) Butylbenzylphthalate	20.24	149	307560	21.63	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.01	252	268355	20.48	ng/ul#	98
80) Benzo(a)anthracene	21.07	228	777280	20.38	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.02	149	440343	20.30	ng/ul#	97
82) Chrysene	21.12	228	691193	20.33	ng/ul	98
84) Di-n-octyl phthalate	21.88	149	728705	20.34	ng/ul#	95
85) Benzo(b)fluoranthene	22.59	252	711068	21.36	ng/ul	97
86) Benzo(k)fluoranthene	22.63	252	641111	20.32	ng/ul	99
88) Benzo(a)pyrene	23.13	252	616775	20.13	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	587496	18.49	ng/ul	99
90) Dibenzo(a,h)anthracene	25.35	278	494392	18.67	ng/ul	99
91) Benzo(g,h,i)perylene	25.98	276	474778	18.77	ng/ul	98

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

