Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032317\
Data File : BM009339.D
Acq On : 23 Mar 2017 12:27
Operator : SJ/MA
Sample : SSTD01052
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 23 14:44:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 23 14:28:17 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01052

Manual Integrations APPROVED
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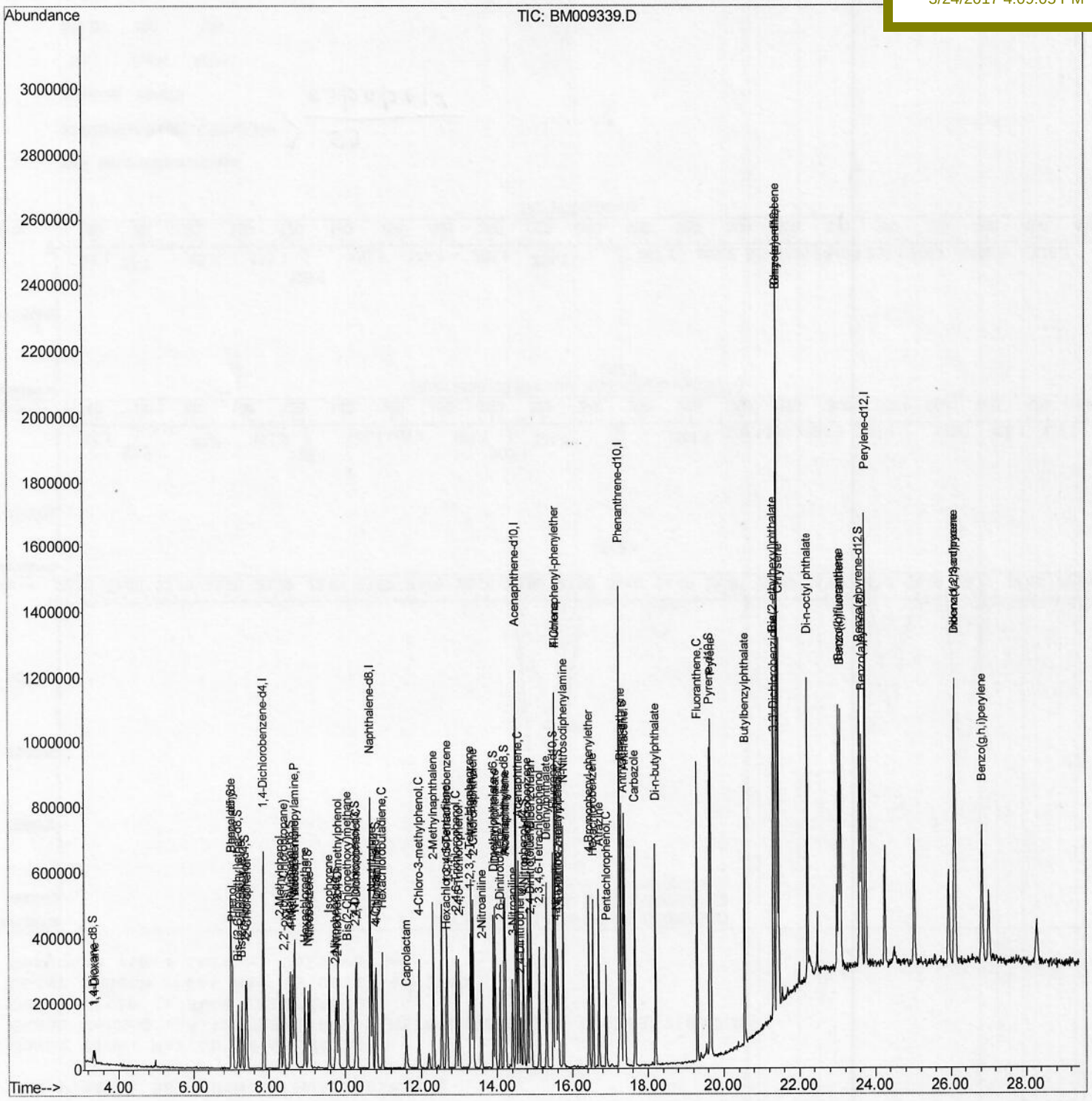

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03/27/2017

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	120542	10.06 ng/ul	94
37) Hexachlorocyclopentadiene	12.65	237	70269	10.37 ng/ul	94
38) 2,4,6-Trichlorophenol	12.93	196	71511m	9.41 ng/ul	
39) 2,4,5-Trichlorophenol	13.00	196	76542	8.79 ng/ul	97
40) 1,1'-Biphenyl	13.33	154	272723	9.77 ng/ul	97
41) 2-Chloronaphthalene	13.37	162	208684	9.66 ng/ul	94
42) 2-Nitroaniline	13.59	65	72729	8.20 ng/ul#	71
44) Dimethylphthalate	13.95	163	261246	8.61 ng/ul	100
45) 2,6-Dinitrotoluene	14.08	165	46056	7.89 ng/ul#	70
47) Acenaphthylene	14.22	152	318304	9.14 ng/ul	98
48) 3-Nitroaniline	14.41	138	49682	7.99 ng/ul#	70
49) Acenaphthene	14.56	153	231362	9.44 ng/ul	97
50) 2,4-Dinitrophenol	14.62	184	25939	6.78 ng/ul#	82
52) 4-Nitrophenol	14.70	109	51306	7.31 ng/ul#	76
53) Dibenzofuran	14.90	168	330437	9.15 ng/ul	100
54) 2,4-Dinitrotoluene	14.87	165	70060	7.79 ng/ul#	58
55) 2,3,4,6-Tetrachlorophenol	15.13	232	66982	8.02 ng/ul#	80
56) Diethylphthalate	15.32	149	263189	8.28 ng/ul	97
58) Fluorene	15.55	166	266569	8.55 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.55	204	148375	9.26 ng/ul#	83
60) 4-Nitroaniline	15.57	138	54070	7.66 ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	15.63	198	45113	8.92 ng/ul#	88
64) N-Nitrosodiphenylamine	15.76	169	240055	10.61 ng/ul	95
65) 4-Bromophenyl-phenylether	16.44	248	83821	9.64 ng/ul	86
66) Hexachlorobenzene	16.55	284	101713	10.52 ng/ul	96
67) Atrazine	16.70	200	80944	8.56 ng/ul	90
68) Pentachlorophenol	16.90	266	47390	7.46 ng/ul	99
69) Phenanthrene	17.29	178	437150	9.76 ng/ul	97
71) Anthracene	17.38	178	455981	9.98 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.30	216	111534	11.80 ng/uL	95
73) Pentachlorobenzene	14.82	250	115365	11.36 ng/uL	96
74) Carbazole	17.66	167	386840	9.07 ng/ul	98
75) Di-n-butylphthalate	18.20	149	409471	8.33 ng/ul#	97
76) Fluoranthene	19.30	202	511641	9.06 ng/ul	97
79) Pyrene	19.67	202	554303	10.07 ng/ul	98
80) Butylbenzylphthalate	20.56	149	187944	8.50 ng/ul#	80
81) 3,3'-Dichlorobenzidine	21.34	252	194473	9.69 ng/ul	99
82) Benzo(a)anthracene	21.41	228	572463	9.45 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.32	149	276705	8.04 ng/ul#	98
84) Chrysene	21.46	228	552889	9.68 ng/ul	97
86) Di-n-octyl phthalate	22.22	149	495331	9.08 ng/ul#	83
87) Benzo(b)fluoranthene	23.04	252	597016	9.96 ng/ul#	97
88) Benzo(k)fluoranthene	23.09	252	547530	9.55 ng/ul#	94
90) Benzo(a)pyrene	23.65	252	553711	9.50 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.11	276	630835	9.02 ng/ul#	93
92) Dibenzo(a,h)anthracene	26.13	278	535159	9.05 ng/ul#	94
93) Benzo(g,h,i)perylene	26.85	276	531439	9.18 ng/ul#	92

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

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Instrument : BNA_M
ClientSampleId : SSTD01052

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	146737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	576433	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	398465	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	804854	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1059269	20.00	ng/ul	0.00
85) Perylene-d12	23.75	264	1014633	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	15270	4.58	ng/uL	0.00
5) Phenol-d5	7.02	99	122204	7.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	89376m	8.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	82146	8.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	89162	7.04	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	42168	10.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	41776	9.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	86397	8.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	104332	8.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	256595	8.48	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	325214	9.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	42751	7.12	ng/ul	0.00
57) Fluorene-d10	15.49	176	240130	8.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	38904	8.08	ng/ul	0.00
70) Anthracene-d10	17.34	188	365931	9.61	ng/ul	0.00
78) Pyrene-d10	19.64	212	422628	9.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	446383	9.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	17682	5.00	ng/uL#	68
4) Benzaldehyde	7.00	77	101728	9.56	ng/ul#	79
6) Phenol	7.04	94	134533	7.94	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.28	93	103185	8.50	ng/ul#	82
10) 2-Chlorophenol	7.42	128	91822	9.18	ng/ul#	78
11) 2-Methylphenol	8.29	108	87035	7.09	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.39	45	171153	8.46	ng/ul#	86
14) Acetophenone	8.68	105	154446	7.26	ng/ul#	71
15) N-Nitroso-di-n-propylamine	8.66	70	89090	6.83	ng/ul#	80
16) 4-Methylphenol	8.62	108	97706	7.02	ng/ul	83
17) Hexachloroethane	8.93	117	43296	9.88	ng/ul	91
20) Nitrobenzene	9.06	77	135158	9.85	ng/ul#	79
21) Isophorone	9.58	82	220749	8.13	ng/ul#	89
23) 2-Nitrophenol	9.77	139	44735	8.99	ng/ul#	56
24) 2,4-Dimethylphenol	9.82	107	115128	9.02	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.06	93	132370	8.89	ng/ul	95
27) 2,4-Dichlorophenol	10.30	162	85488	8.85	ng/ul	93
28) Naphthalene	10.70	128	282942	9.57	ng/ul	98
30) 4-Chloroaniline	10.82	127	107967	8.75	ng/ul	93
31) Hexachlorobutadiene	10.97	225	69188	10.39	ng/ul	97
32) Caprolactam	11.59	113	23331	5.78	ng/ul#	27
33) 4-Chloro-3-methylphenol	11.93	107	94553	7.46	ng/ul	95
34) 2-Methylnaphthalene	12.32	142	206211	8.76	ng/ul	96

SJ
03/27/2017

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ClientSampleId :
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Manual Integrations APPROVED
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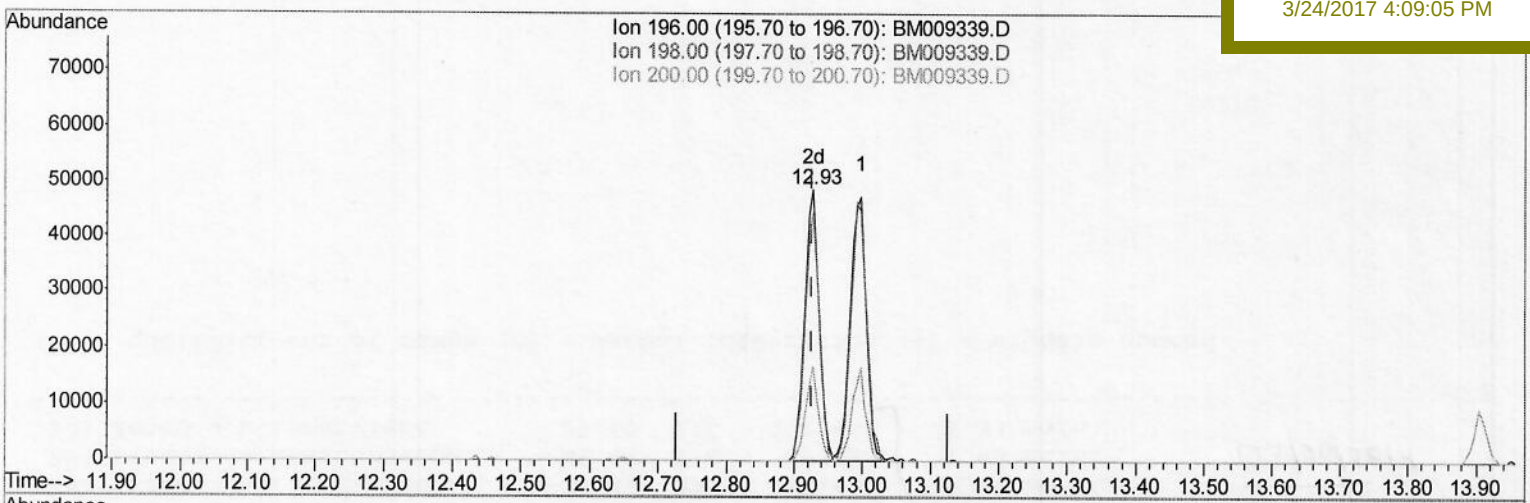

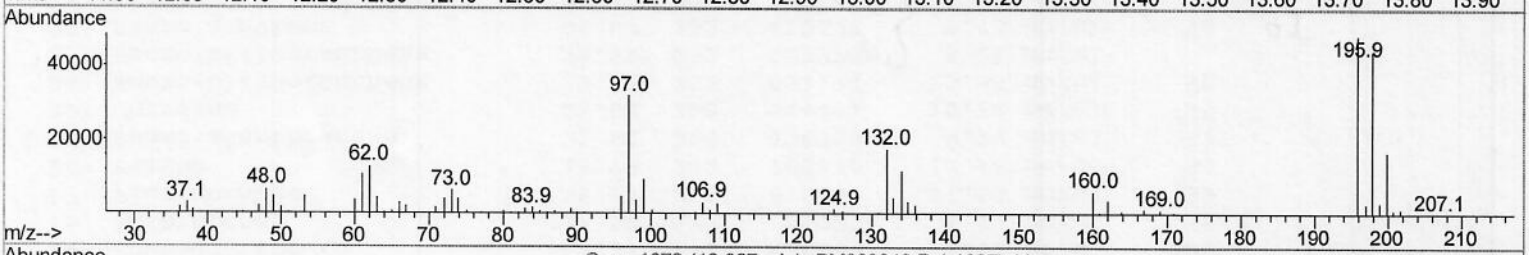

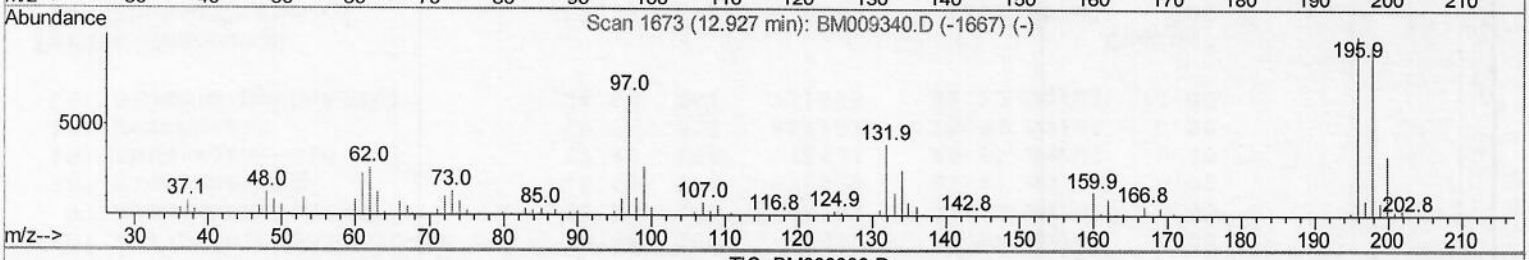

TIC: BM009339.D

(38) 2,4,6-Trichlorophenol (C)

12.928min (+0.000) 9.41ng/ul m

response 71511

SJ
03/27/2017

Ion	Exp%	Act%
196.00	100	100
198.00	95.70	91.31
200.00	30.90	34.68
0.00	0.00	0.00

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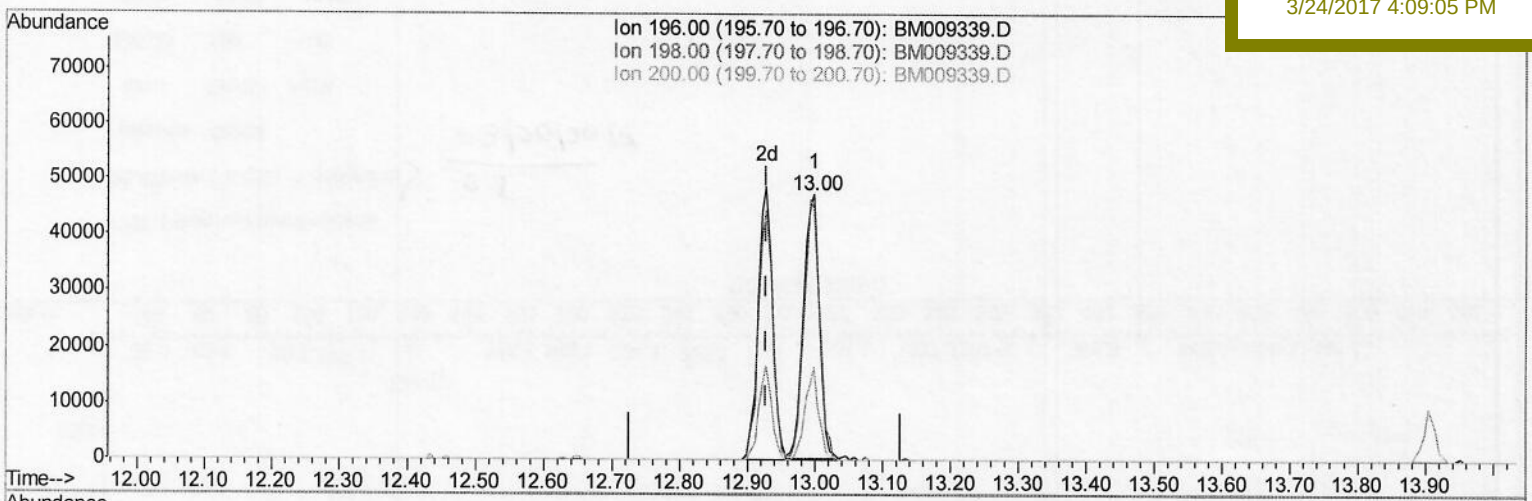

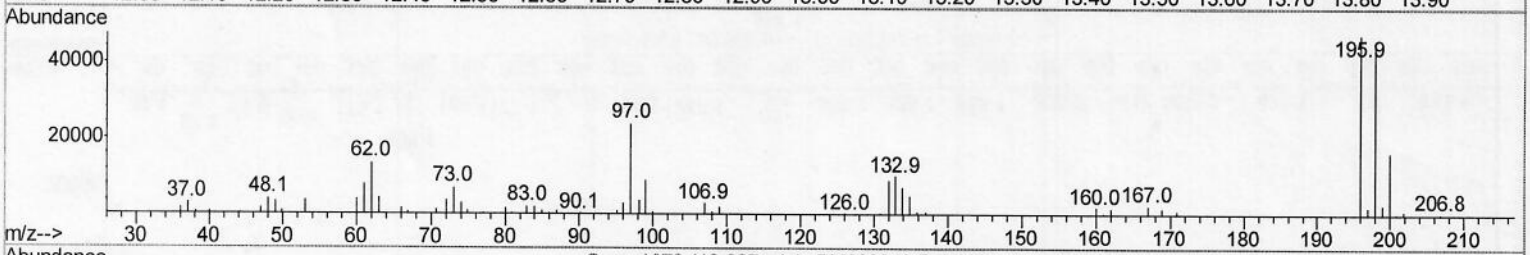

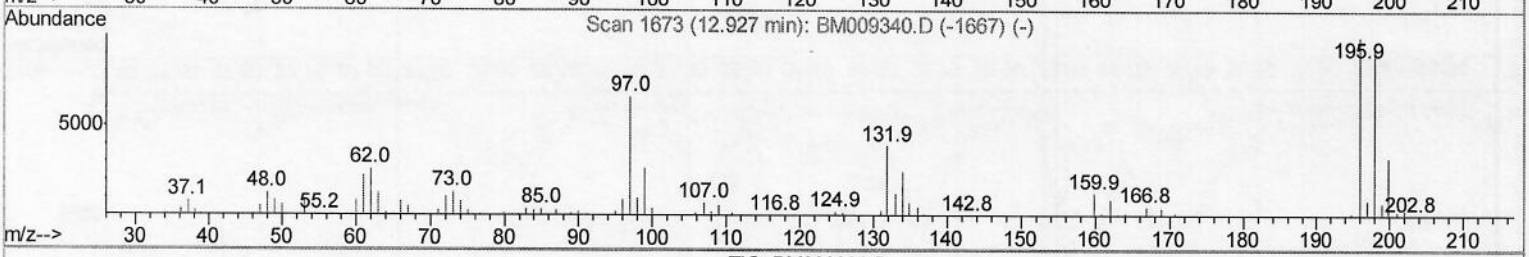

TIC: BM009339.D

(38) 2,4,6-Trichlorophenol (C)

12.998min (+0.071) 10.07ng/ul

response 76542

Ion	Exp%	Act%
196.00	100	100
198.00	95.70	95.01
200.00	30.90	35.01
0.00	0.00	0.00

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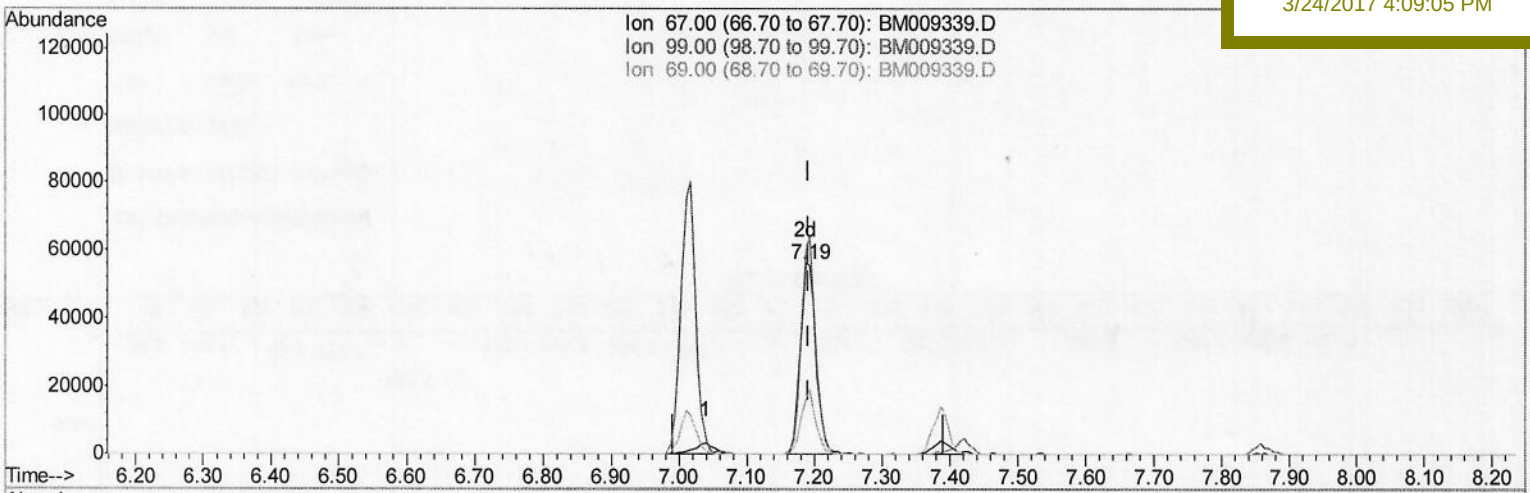

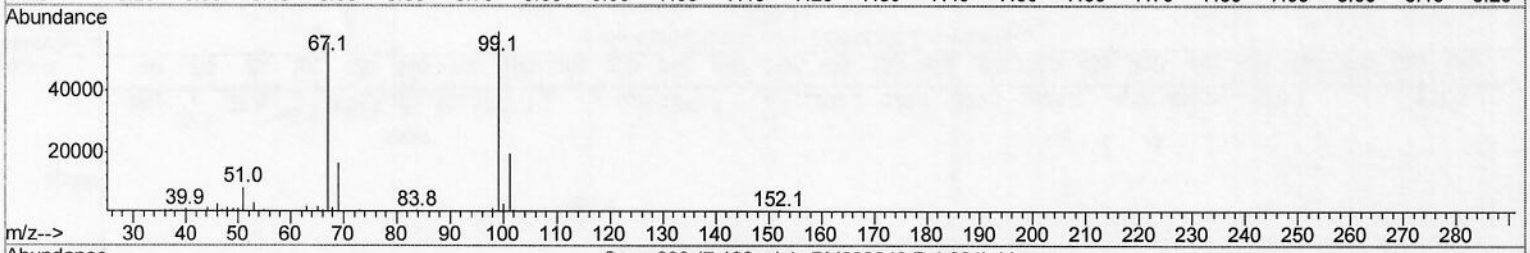

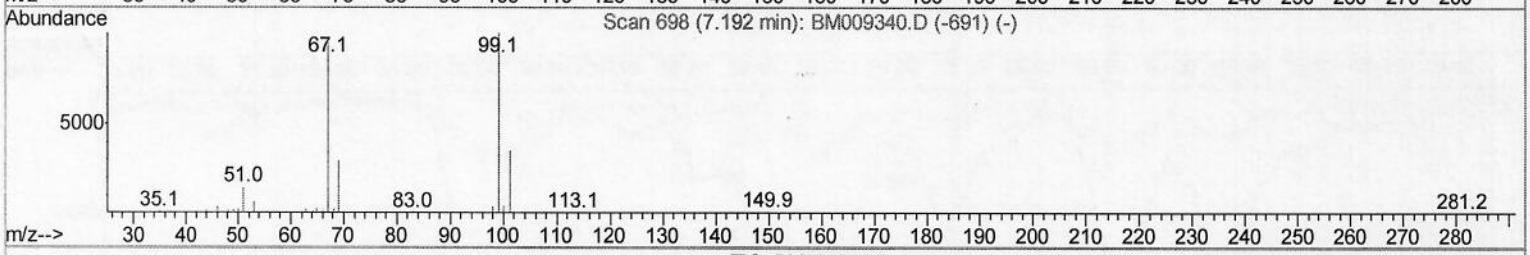

TIC: BM009339.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.187min (-0.006) 8.64ng/ul m > SJ

03/27/2017

response 89376

Ion	Exp%	Act%
67.00	100	100
99.00	135.60	106.73#
69.00	32.50	28.66
0.00	0.00	0.00

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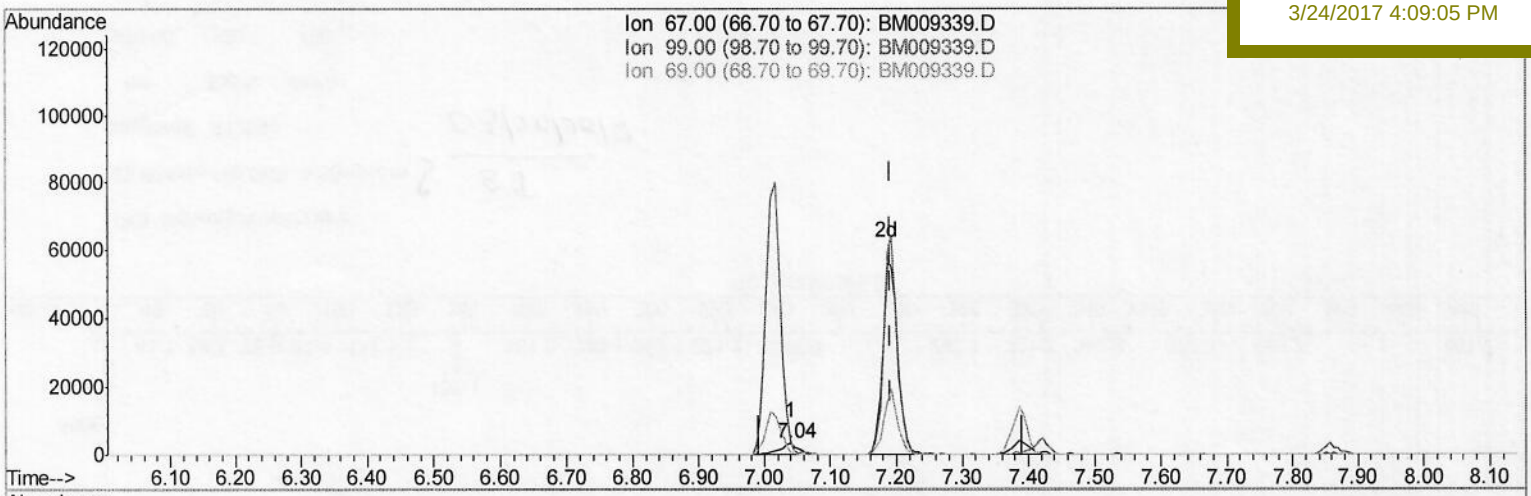

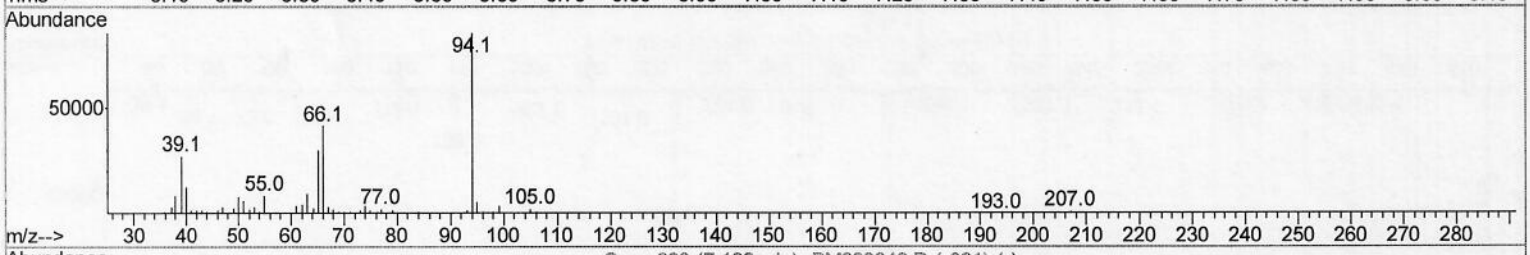

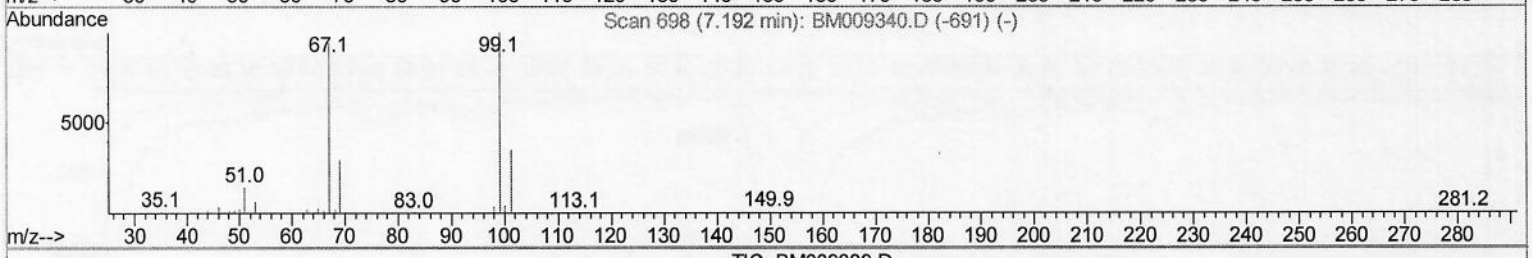

TIC: BM009339.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.040min (-0.153) 0.58ng/ul

response 6023

Ion	Exp%	Act%
67.00	100	100
99.00	135.60	121.94
69.00	32.50	27.68
0.00	0.00	0.00