

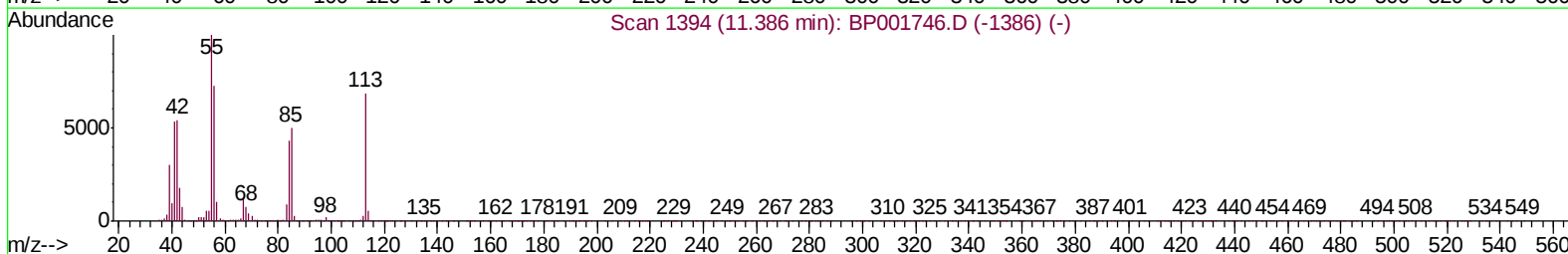
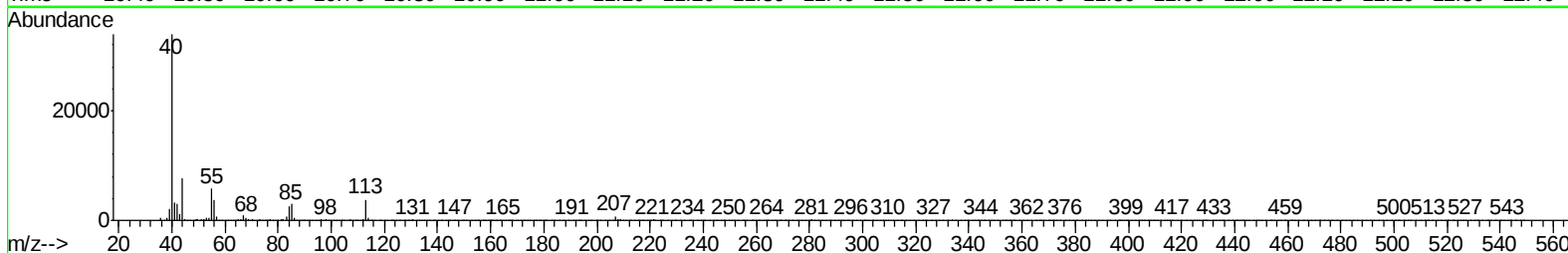
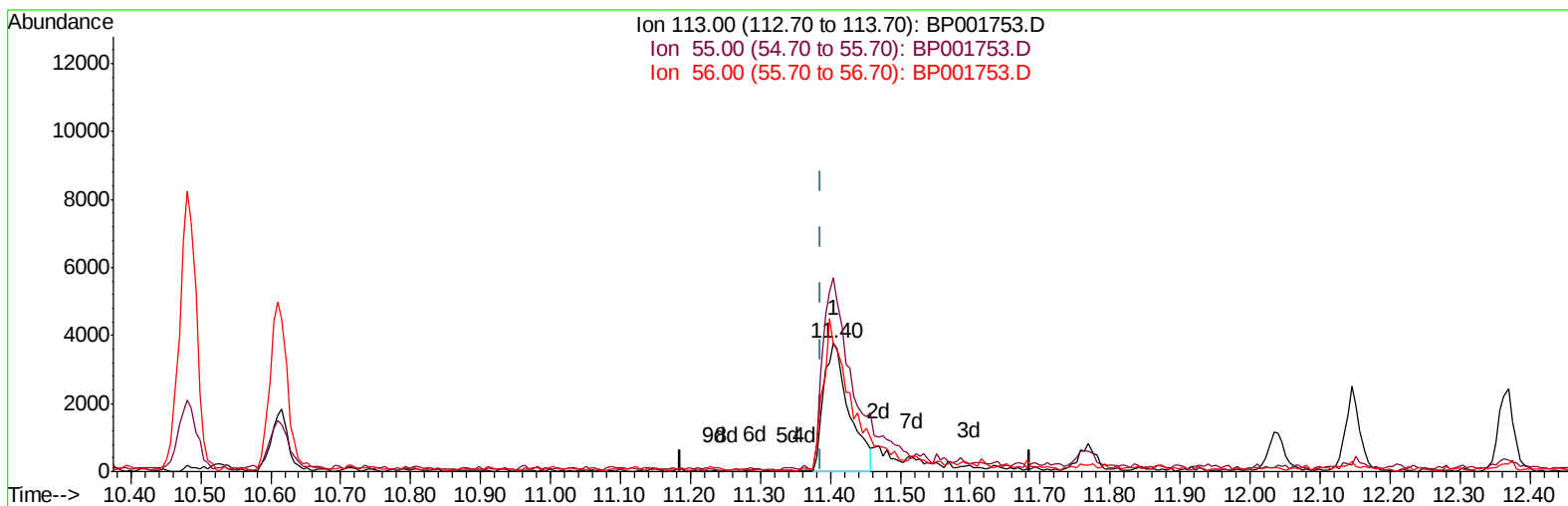
Data File : BP001753.D
Acq On : 14 Feb 2020 19:28
Operator : CG/JU
Sample : K5695-13
Misc : MDL-WATER-06
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Manual Integrations
APPROVED

mohammad
2/17/2020 3:50:50 PM

Quant Time: Feb 15 04:52:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 04:45:21 2020
Response via : Initial Calibration



TIC: BP001753.D

(32) Caprolactam

11.404min (+0.018) 1.37ng/ul

response 9517

Ion	Exp%	Act%
113.00	100	100
55.00	146.60	151.18
56.00	113.40	99.05
0.00	0.00	0.00

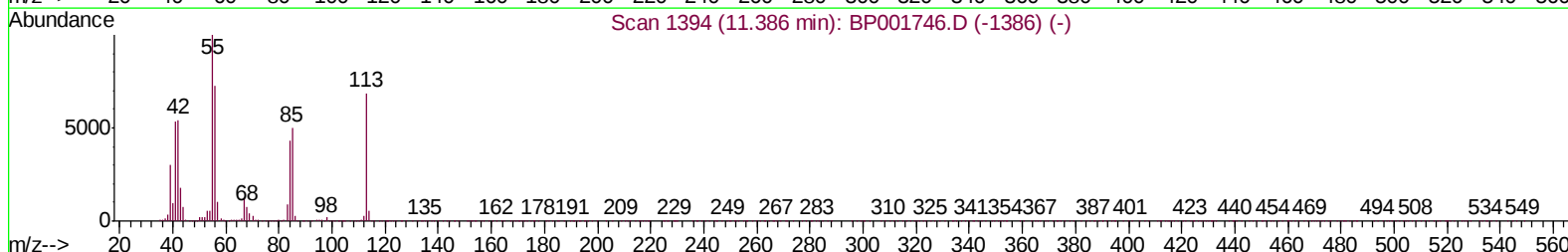
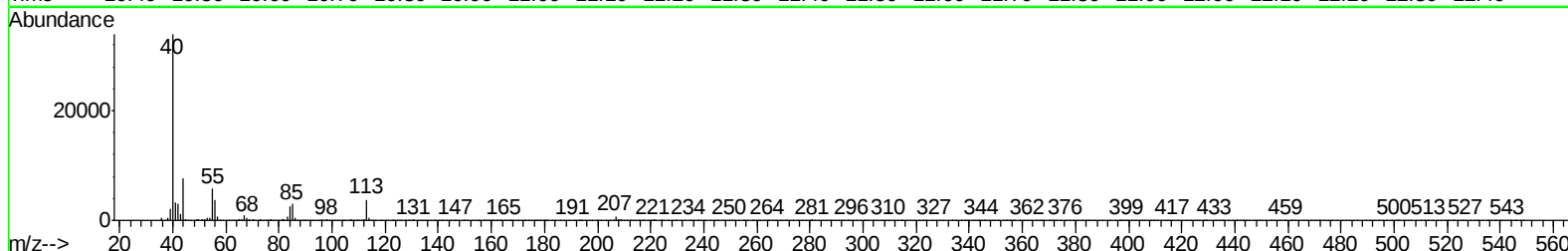
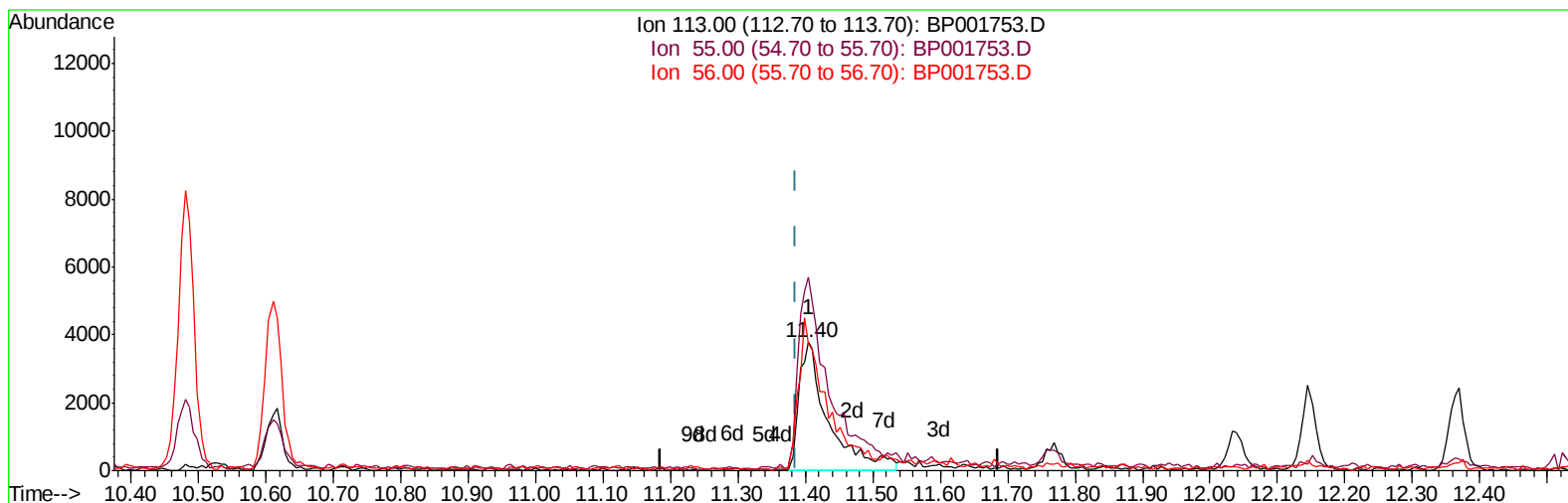
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TIC: BP001753.D

(32) Caprolactam

11.404min (+0.018) 1.66ng/ul m

response 11527

Ion	Exp%	Act%
113.00	100	100
55.00	146.60	151.18
56.00	113.40	99.05
0.00	0.00	0.00

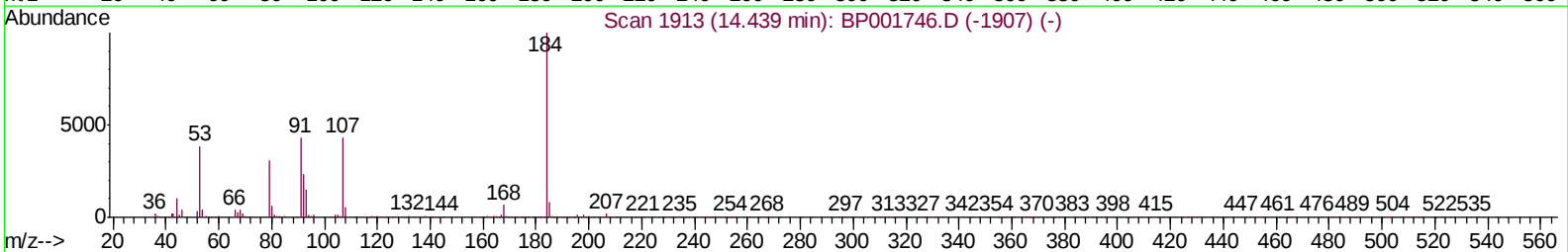
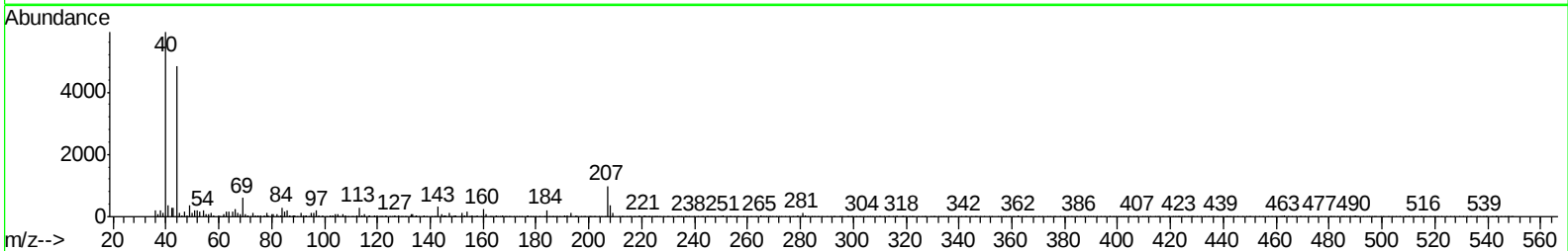
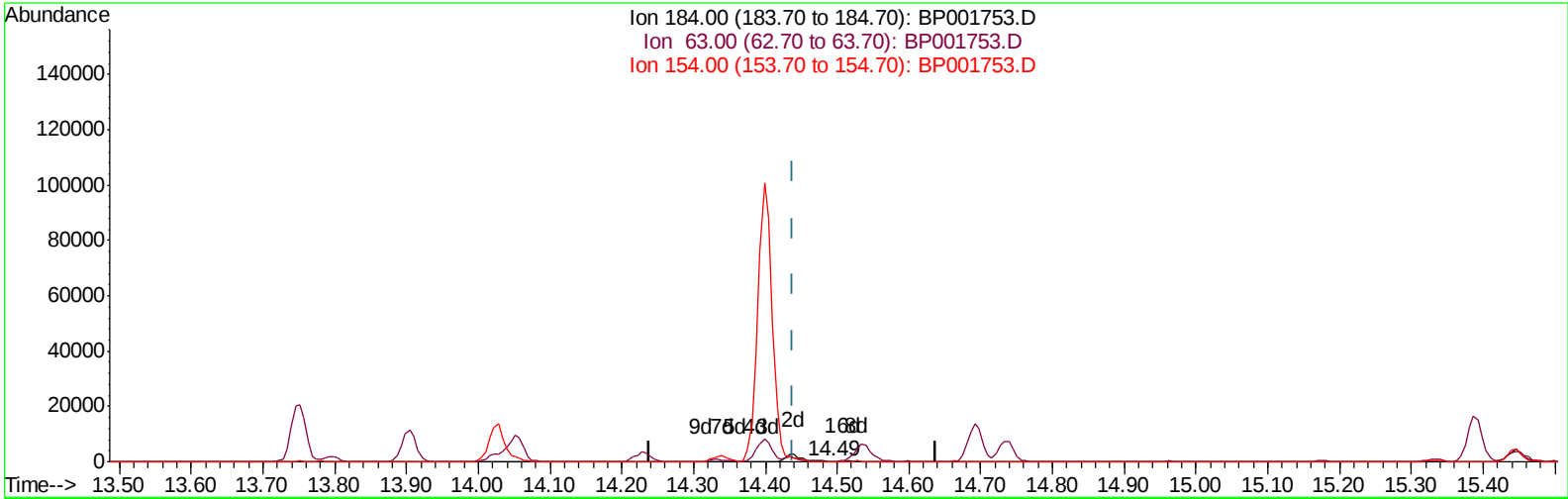
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TIC: BP001753.D

(51) 2,4-Dinitrophenol

14.492min (+0.053) 0.04ng/ul

response 183

Ion	Exp%	Act%
184.00	100	100
63.00	63.90	75.23
154.00	58.30	69.27
0.00	0.00	0.00

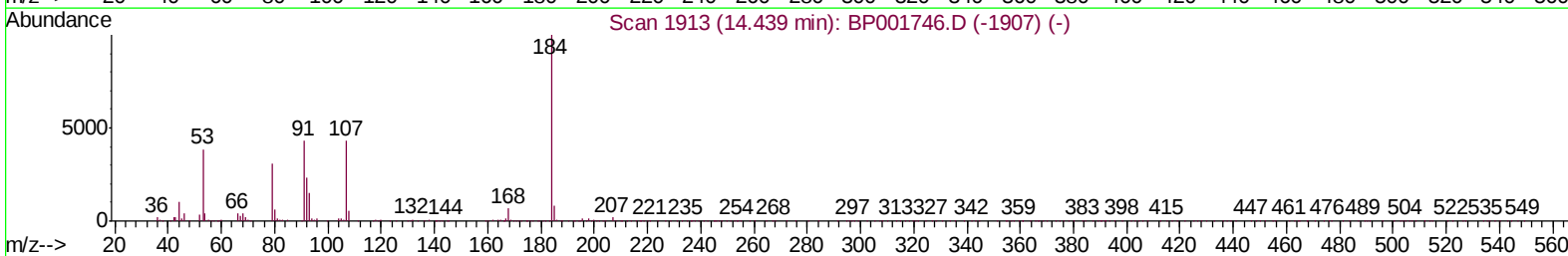
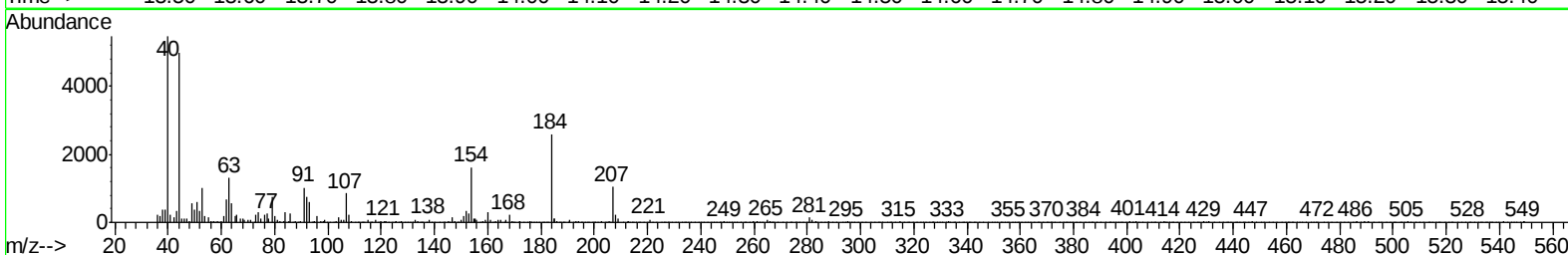
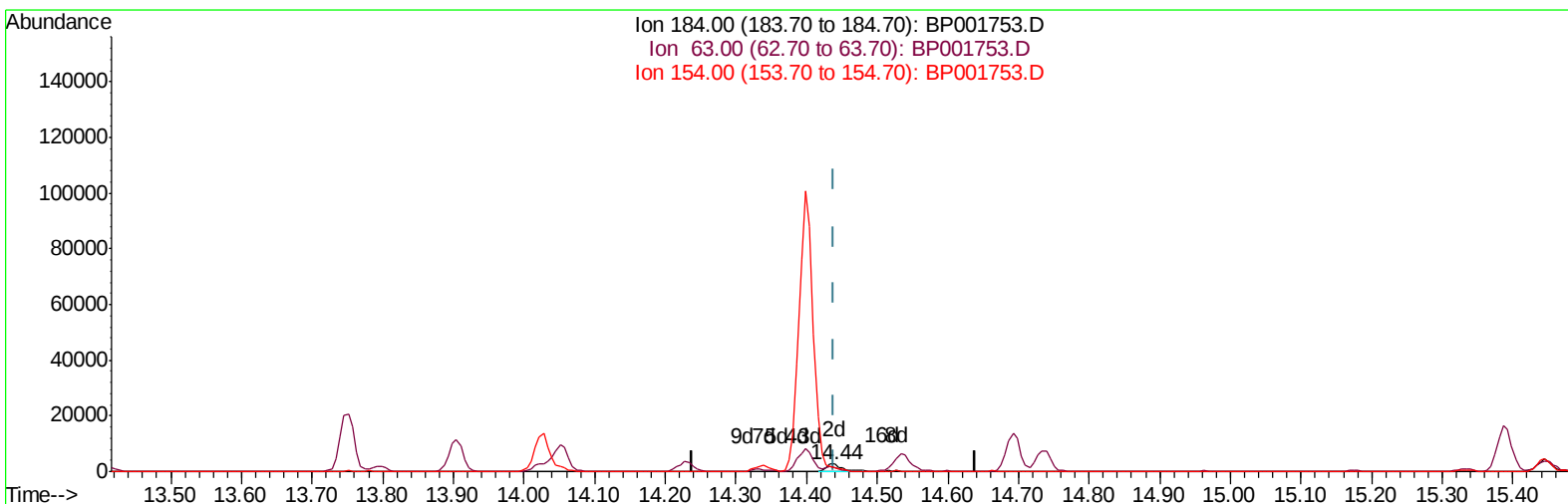
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TIC: BP001753.D

(51) 2,4-Dinitrophenol

14.439min (+0.000) 0.90ng/ul m

response 4163

Ion	Exp%	Act%
184.00	100	100
63.00	63.90	49.73#
154.00	58.30	61.92
0.00	0.00	0.00

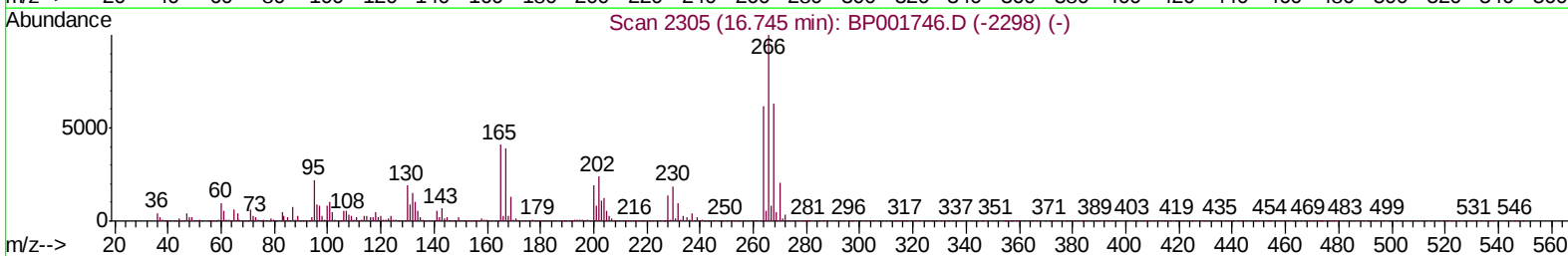
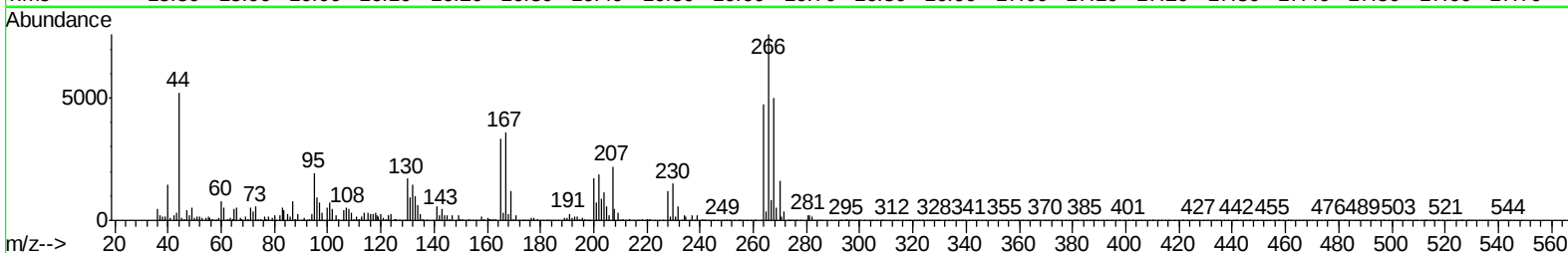
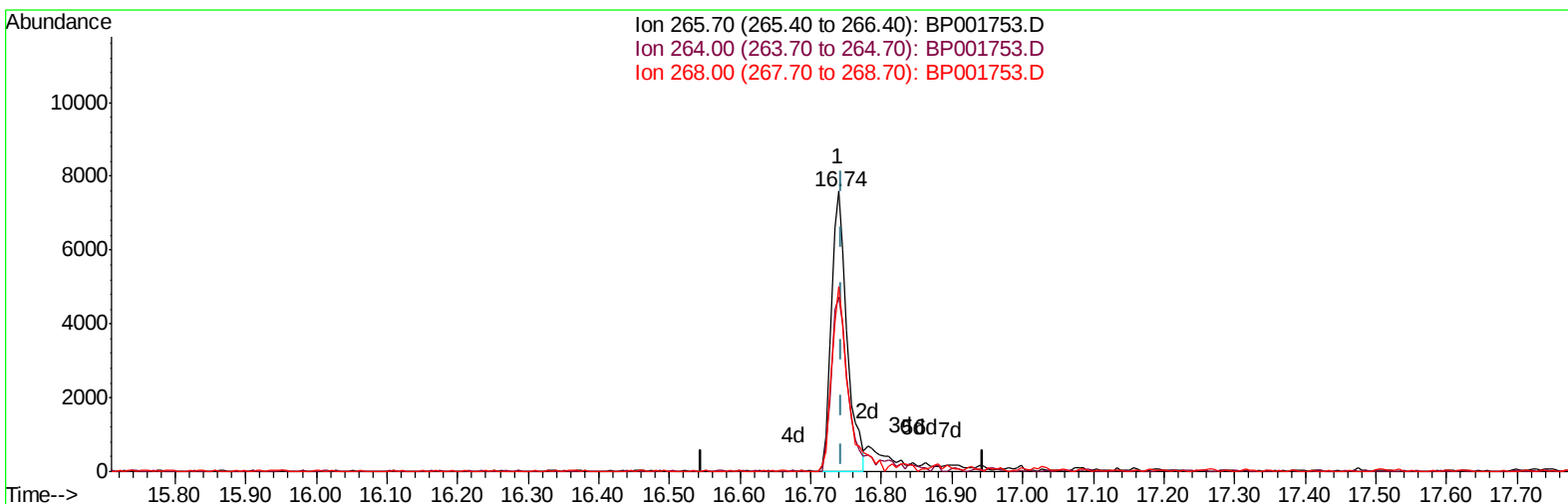
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Quant Title : SVOA CALIBRATION
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TIC: BP001753.D

(69) Pentachlorophenol (C)
16.739min (-0.006) 0.99ng/ul
response 11744

Ion	Exp%	Act%
265.70	100	100
264.00	63.70	62.39
268.00	63.50	72.53
0.00	0.00	0.00

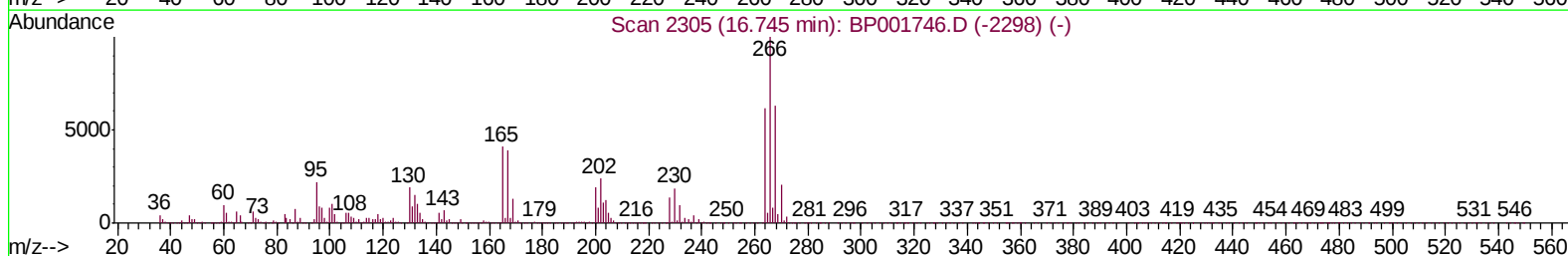
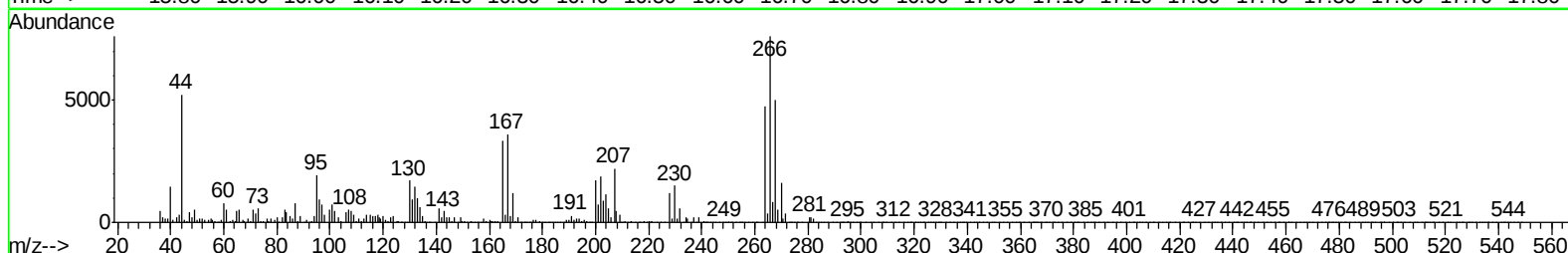
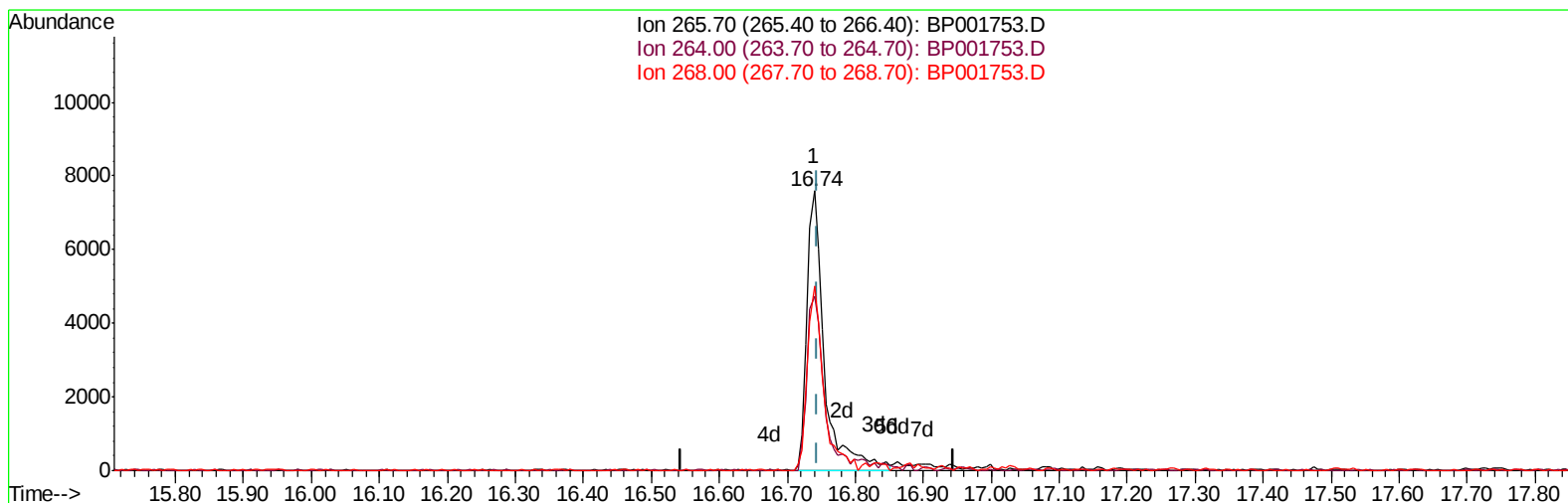
Data File : BP001753.D
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Sample : K5695-13
Misc : MDL-WATER-06
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Feb 15 04:52:19 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 04:45:21 2020
Response via : Initial Calibration



TIC: BP001753.D

(69) Pentachlorophenol (C)

16.739min (-0.006) 1.14ng/ul m

response 13438

Ion	Exp%	Act%
265.70	100	100
264.00	63.70	62.39
268.00	63.50	65.84
0.00	0.00	0.00

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Acq On : 14 Feb 2020 19:28
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Misc : MDL-WATER-06
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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2/17/2020 3:50:50 PM

Quant Time: Feb 15 05:42:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 04:45:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	275026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1296558	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	868497	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1938451	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2150297	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	2456808	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	24174	4.20	ng/uL	0.00
5) Phenol-d5	6.88	99	595525	25.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	415656	30.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	472818	27.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	488249	25.57	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	301090	30.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	190134	24.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	481108	26.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	811255	35.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1911027	30.58	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2499874	31.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	234103	20.19	ng/ul	0.00
58) Fluorene-d10	15.33	176	1725194	30.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	129341	16.56	ng/ul	0.00
71) Anthracene-d10	17.19	188	2740181	31.10	ng/ul	0.00
79) Pyrene-d10	19.43	212	3147973	30.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	3515591	30.23	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.28	88	4393	0.694 ng/uL#	83
4) Benzaldehyde	6.85	77	51724	3.412 ng/ul	99
6) Phenol	6.91	94	60088	2.410 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.14	93	57192	2.895 ng/ul	98
10) 2-Chlorophenol	7.28	128	45889	2.531 ng/ul	97
11) 2-Methylphenol	8.15	108	39870	2.070 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.24	45	73113	2.885 ng/ul	98
14) Acetophenone	8.52	105	90213	2.861 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.51	70	41848	2.670 ng/ul	99
16) 4-Methylphenol	8.47	108	49180	2.315 ng/ul	96
17) Hexachloroethane	8.79	117	22989	2.912 ng/ul	96
20) Nitrobenzene	8.89	77	69468	2.865 ng/ul	98
21) Isophorone	9.42	82	115086	2.501 ng/ul	99
23) 2-Nitrophenol	9.60	139	20430	2.184 ng/ul	95
24) 2,4-Dimethylphenol	9.67	107	48799	2.249 ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.90	93	80143	2.776 ng/ul	100
27) 2,4-Dichlorophenol	10.13	162	46319	2.453 ng/ul#	89
28) Naphthalene	10.53	128	199994	2.855 ng/ul	99
30) 4-Chloroaniline	10.63	127	69836	2.969 ng/ul	98
31) Hexachlorobutadiene	10.84	225	37552	2.864 ng/ul	99
32) Caprolactam	11.40	113	11527m	1.661 ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	34764	1.788 ng/ul	99
34) 2-Methylnaphthalene	12.15	142	139587	2.774 ng/ul	99

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APPROVED

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Quant Time: Feb 15 05:42:49 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 04:45:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	148326	2.968	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	76922	2.830	ng/ul	99
38) Hexachlorocyclopentadiene	12.51	237	32149	1.986	ng/ul	98
39) 2,4,6-Trichlorophenol	12.76	196	20879	1.510	ng/ul	94
40) 2,4,5-Trichlorophenol	12.83	196	24249	1.556	ng/ul	98
41) 1,1'-Biphenyl	13.17	154	191001	2.869	ng/ul	99
42) 2-Chloronaphthalene	13.20	162	149603	2.839	ng/ul	98
43) 2-Nitroaniline	13.40	65	25136	1.928	ng/ul	85
45) Dimethylphthalate	13.80	163	182095	2.760	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	26352	2.062	ng/ul#	86
48) Acenaphthylene	14.05	152	245232	2.880	ng/ul	99
49) 3-Nitroaniline	14.23	138	23926	1.931	ng/ul#	88
50) Acenaphthene	14.40	153	159756	2.797	ng/ul	99
51) 2,4-Dinitrophenol	14.44	184	4163m	0.900	ng/ul	
53) 4-Nitrophenol	14.54	109	19757	2.183	ng/ul	92
54) Dibenzofuran	14.73	168	231421	2.875	ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	40773	2.167	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.97	232	19389	1.463	ng/ul	96
57) Diethylphthalate	15.17	149	152803	2.377	ng/ul	100
59) Fluorene	15.39	166	192107	2.872	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	96192	2.843	ng/ul	99
61) 4-Nitroaniline	15.39	138	28625	1.905	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.46	198	14486	1.642	ng/ul#	54
65) N-Nitrosodiphenylamine	15.60	169	139518	2.544	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	53346	2.586	ng/ul	96
67) Hexachlorobenzene	16.40	284	67921	2.785	ng/ul	98
68) Atrazine	16.56	200	35314	1.722	ng/ul	99
69) Pentachlorophenol	16.74	266	13438m	1.136	ng/ul	
70) Phenanthrene	17.13	178	309755	2.838	ng/ul	99
72) Anthracene	17.22	178	310067	2.828	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	85034	2.916	ng/uL	99
74) Pentachlorobenzene	14.66	250	79162	2.668	ng/uL	97
75) Carbazole	17.49	167	220102	2.375	ng/ul	100
76) Di-n-butylphthalate	18.07	149	162292	1.662	ng/ul	99
77) Fluoranthene	19.10	202	310571	2.582	ng/ul	98
80) Pyrene	19.45	202	396640	2.864	ng/ul	100
81) Butylbenzylphthalate	20.35	149	42307	1.030	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.09	252	41325	0.985	ng/ul	93
83) Benzo(a)anthracene	21.16	228	348664	2.476	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	80538	1.200	ng/ul	99
85) Chrysene	21.21	228	371581	2.731	ng/ul	99
87) Di-n-octyl phthalate	21.99	149	119132	1.086	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	328388	2.309	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	380907	2.651	ng/ul	98
91) Benzo(a)pyrene	23.32	252	370277	2.744	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	399755	2.262	ng/ul	98
93) Dibenzo(a,h)anthracene	25.69	278	334598	2.269	ng/ul	99
94) Benzo(g,h,i)perylene	26.35	276	343835	2.285	ng/ul	99

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Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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