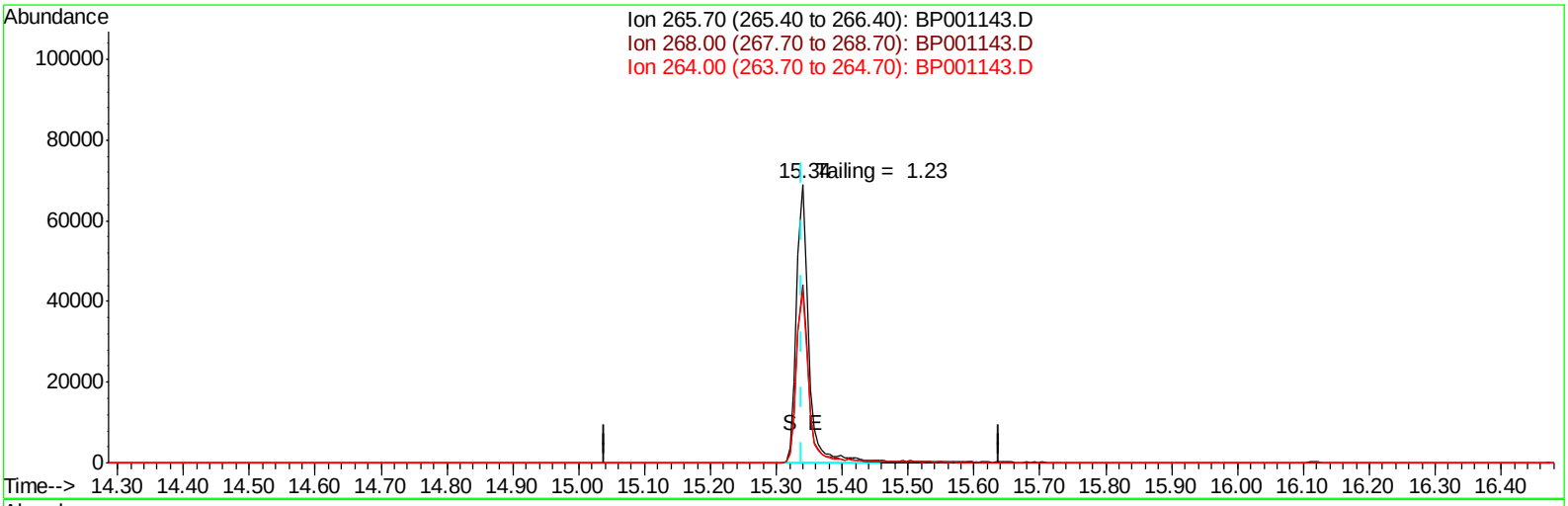
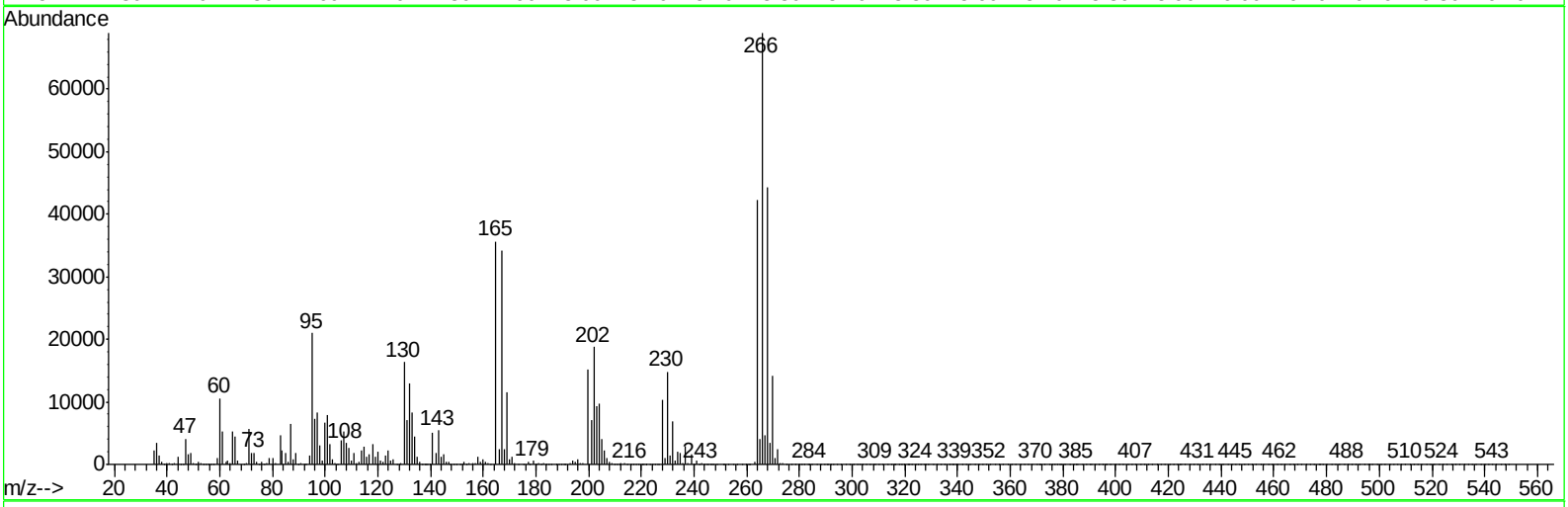
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001143.D
Acq On : 03 Dec 2019 01:16
Operator : JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 03 03:04:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration





TIC: BP001143.D

(70) Pentachlorophenol (C)

15.339min (+0.000) 235077.40ng

response 86280

Ion	Exp%	Act%
265.70	100	100
268.00	64.50	64.11
264.00	65.30	61.24
0.00	0.00	0.00

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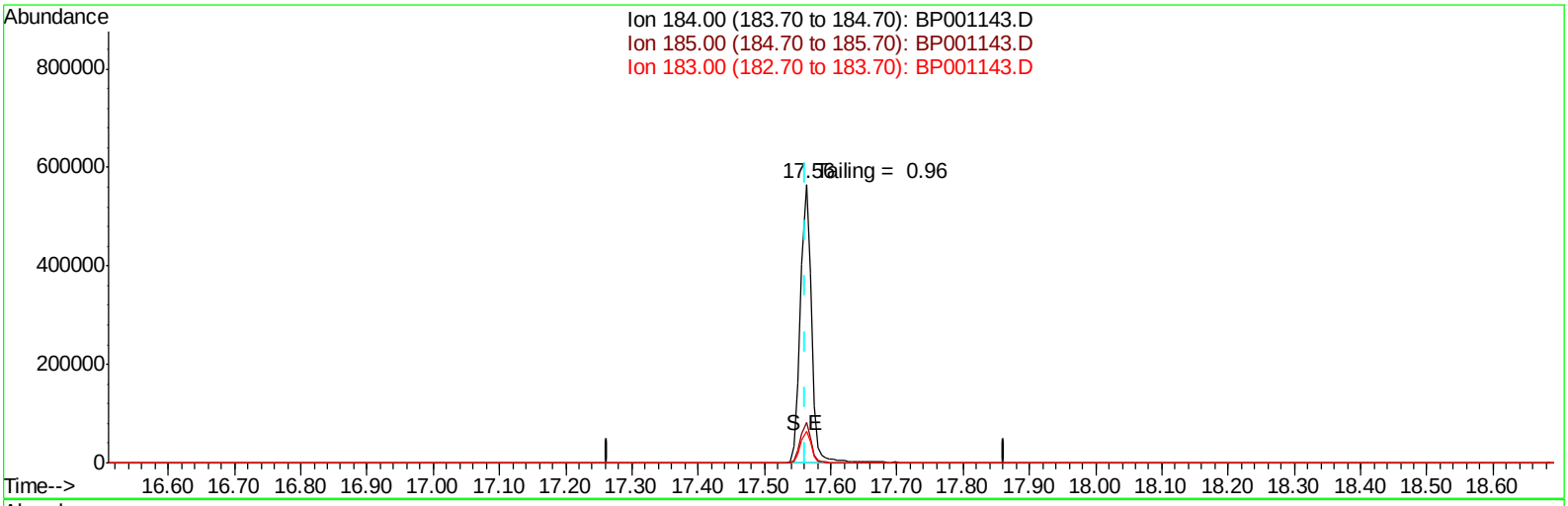

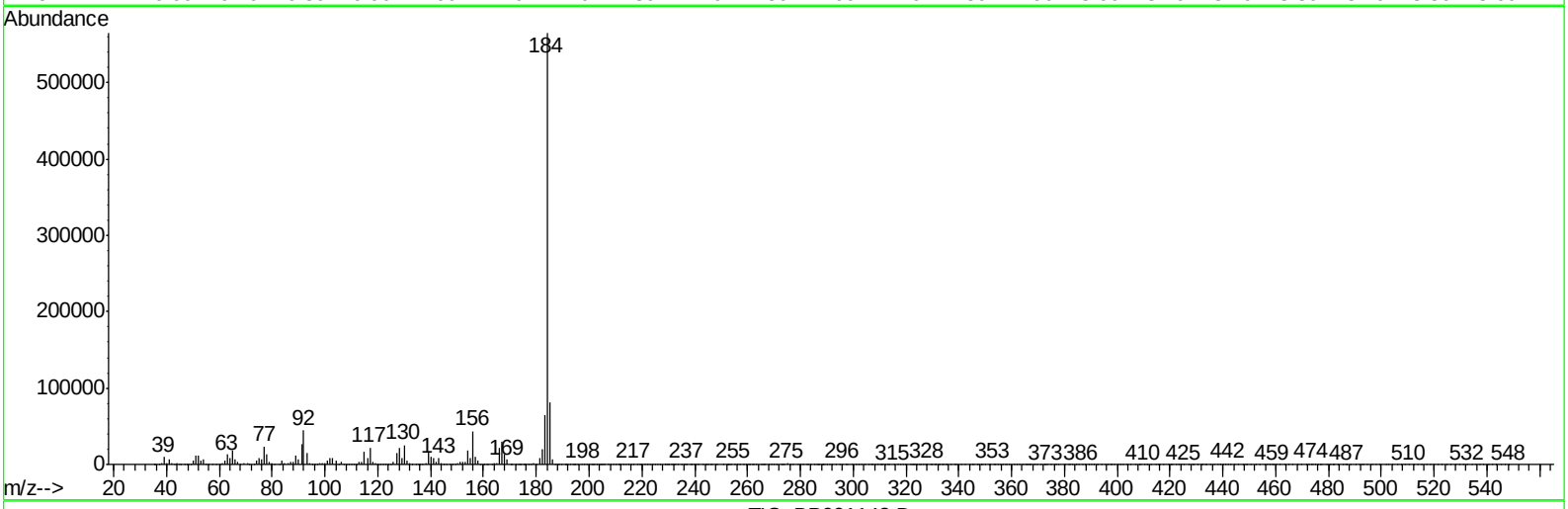

TIC: BP001143.D

(77) Benzidine

17.563min (+0.000) 73272.41ng

response 628090

Ion	Exp%	Act%
184.00	100	100
185.00	15.30	14.40
183.00	11.60	11.54
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	26	20.00	ng		0.01
21) Naphthalene-d8	10.37	136	11	20.00	ng		0.00
39) Acenaphthene-d10	13.25	164	6	20.00	ng		0.01
64) Phenanthrene-d10	15.63	188	59	20.00	ng		0.00
76) Chrysene-d12	19.27	240	332	20.00	ng		0.00
87) Perylene-d12	21.06	264	199	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	8	5.10	ng		0.01
7) Phenol-d6	7.77	99	19	9.10	ng		0.00
23) Nitrobenzene-d5	9.21	82	66	260.32	ng		0.00
42) 2,4,6-Tribromophenol	14.55	330	10	173.88	ng		0.02
45) 2-Fluorobiphenyl	12.16	172	27	65.86	ng		0.01
79) Terphenyl-d14	17.90	244	377	21.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	121	165.302	ng	#	1
3) Pyridine	3.40	79	108	53.171	ng	#	4
4) n-Nitrosodimethylamine	3.30	42	66	75.089	ng	#	1
6) Aniline	7.80	93	276	99.705	ng	#	56
8) 2-Chlorophenol	7.92	128	23	14.185	ng		81
9) Benzaldehyde	7.43	77	31	22.270	ng		82
10) Phenol	7.95	94	23	9.685	ng		87
11) bis(2-Chloroethyl)ether	7.96	93	10	5.408	ng	#	17
12) 1,3-Dichlorobenzene	7.97	146	19	9.886	ng		90
13) 1,4-Dichlorobenzene	8.39	146	13	6.715	ng	#	1
14) 1,2-Dichlorobenzene	8.74	146	10	5.488	ng		96
15) Benzyl Alcohol	8.56	79	63	36.760	ng	#	48
16) 2,2'-oxybis(1-Chloropropan	8.82	45	25	8.409	ng	#	34
17) 2-Methylphenol	8.75	107	44	29.583	ng	#	48
18) Hexachloroethane	9.16	117	31	38.708	ng	#	18
19) n-Nitroso-di-n-propylamine	9.03	70	45	29.870	ng	#	22
20) 3+4-Methylphenols	9.00	107	19	10.134	ng	#	9
22) Acetophenone	8.99	105	12	37.117	ng	#	1
24) Nitrobenzene	9.23	77	37	146.758	ng	#	38
25) Isophorone	9.63	82	68	149.567	ng	#	57
26) 2-Nitrophenol	9.75	139	9	97.459	ng	#	1
27) 2,4-Dimethylphenol	9.63	122	19	129.892	ng		85
28) bis(2-Chloroethoxy)methane	9.99	93	17	59.596	ng	#	1
29) 2,4-Dichlorophenol	10.15	162	23	138.151	ng	#	50
30) 1,2,4-Trichlorobenzene	10.28	180	6	30.856	ng	#	52
31) Naphthalene	10.42	128	33	58.740	ng	#	1
32) Benzoic acid	10.02	122	17	160.756	ng	#	44
33) 4-Chloroaniline	10.52	127	32	131.259	ng	#	1
34) Hexachlorobutadiene	10.63	225	36	294.302	ng	#	42
35) Caprolactam	11.07	113	10	174.283	ng	#	35
36) 4-Chloro-3-methylphenol	11.31	107	19	96.258	ng	#	60
37) 2-Methylnaphthalene	11.55	142	53	138.256	ng	#	58
38) 1-Methylnaphthalene	11.72	142	25	69.037	ng	#	4
40) 1,2,4,5-Tetrachlorobenzene	11.85	216	18	95.195	ng	#	58

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.89	237	24	275.132 ng		77
43) 2,4,6-Trichlorophenol	12.00	196	5	40.499 ng	#	6
44) 2,4,5-Trichlorophenol	12.06	196	23	179.800 ng	#	9
46) 1,1'-Biphenyl	12.16	154	22	47.444 ng		86
47) 2-Chloronaphthalene	12.08	162	31	83.694 ng		94
48) 2-Nitroaniline	12.48	65	68	468.432 ng	#	76
49) Acenaphthylene	12.99	152	1378	2481.979 ng		95
50) Dimethylphthalate	12.85	163	32	71.310 ng	#	77
51) 2,6-Dinitrotoluene	12.89	165	33	343.534 ng		89
52) Acenaphthene	13.28	154	184	550.943 ng	#	30
53) 3-Nitroaniline	13.19	138	21	194.610 ng	#	86
54) 2,4-Dinitrophenol	13.25	184	33	773.414 ng		87
55) Dibenzofuran	13.56	168	36	71.733 ng	#	1
56) 4-Nitrophenol	13.32	139	15	196.171 ng		85
57) 2,4-Dinitrotoluene	13.57	165	64	531.529 ng	#	43
58) Fluorene	14.07	166	174	432.686 ng		87
59) 2,3,4,6-Tetrachlorophenol	13.77	232	932	8863.327 ng	#	83
60) Diethylphthalate	13.98	149	497	1069.637 ng	#	87
61) 4-Chlorophenyl-phenylether	14.18	204	12	58.600 ng	#	63
62) 4-Nitroaniline	12.63	138	32	255.781 ng		96
63) Azobenzene	14.41	77	137	272.775 ng		87
65) 4,6-Dinitro-2-methylphenol	14.22	198	12	47.499 ng	#	72
66) n-Nitrosodiphenylamine	14.33	169	23	12.830 ng	#	60
67) 4-Bromophenyl-phenylether	14.95	248	14	21.857 ng	#	40
68) Hexachlorobenzene	15.02	284	6	8.520 ng	#	19
69) Atrazine	15.34	200	18085	33040.451 ng	#	36
70) Pentachlorophenol	15.34	266	86280	235077.395 ng		97
71) Phenanthrene	15.66	178	136	43.845 ng		93
72) Anthracene	15.74	178	180	58.876 ng	#	82
73) Carbazole	16.12	167	6160	2214.229 ng	#	68
74) Di-n-butylphthalate	16.53	149	376	100.522 ng	#	93
75) Fluoranthene	17.41	202	82	24.971 ng		65
77) Benzidine	17.56	184	628090	73272.409 ng		99
78) Pyrene	17.67	202	398	15.220 ng	#	72
80) Butylbenzylphthalate	18.57	149	310	25.667 ng	#	71
81) Benzo(a)anthracene	19.26	228	379	16.465 ng	#	26
82) 3,3'-Dichlorobenzidine	18.99	252	85	11.178 ng		92
83) Chrysene	19.30	228	210	10.188 ng	#	43
84) Bis(2-ethylhexyl)phthalate	19.13	149	264	15.898 ng		94
85) Di-n-octyl phthalate	20.09	149	752	25.493 ng	#	1
86) Indeno(1,2,3-cd)pyrene	22.70	276	139	5.722 ng	#	1
88) Benzo(b)fluoranthene	20.59	252	591	48.622 ng	#	1
89) Benzo(k)fluoranthene	20.59	252	591	50.483 ng	#	1
90) Benzo(a)pyrene	20.97	252	640	57.164 ng	#	1
91) Dibenzo(a,h)anthracene	22.76	278	122	11.135 ng	#	2
92) Benzo(g,h,i)perylene	23.23	276	210	19.411 ng	#	1

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

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