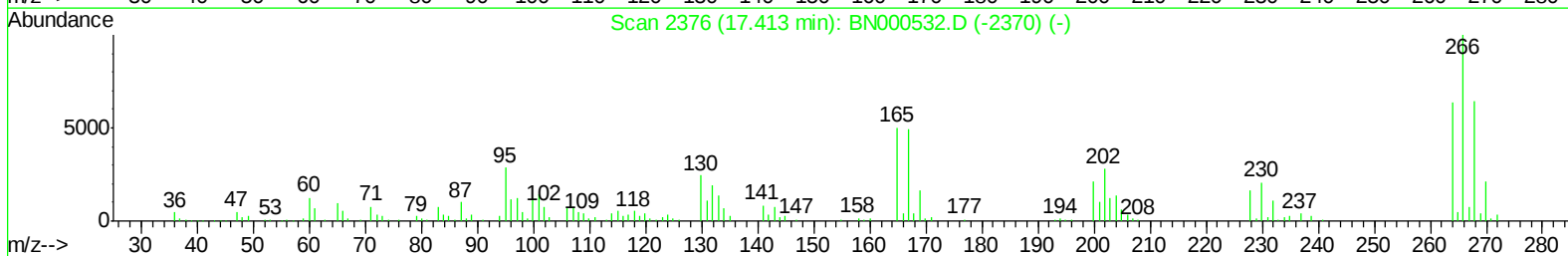
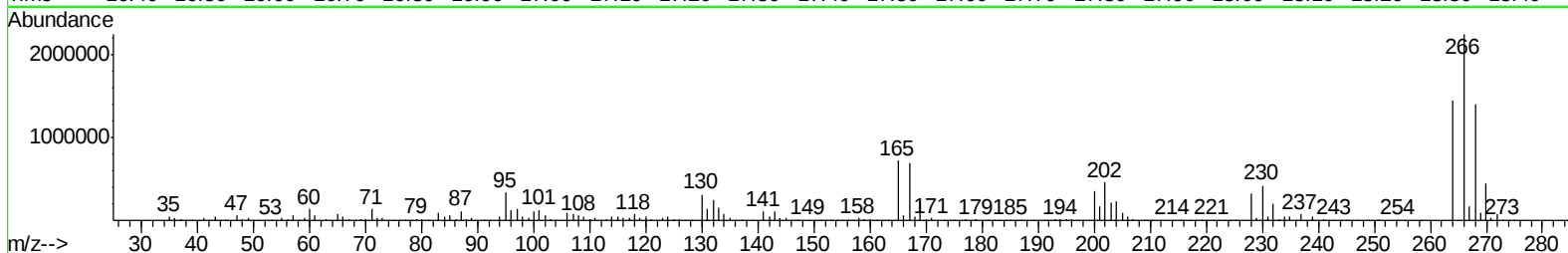
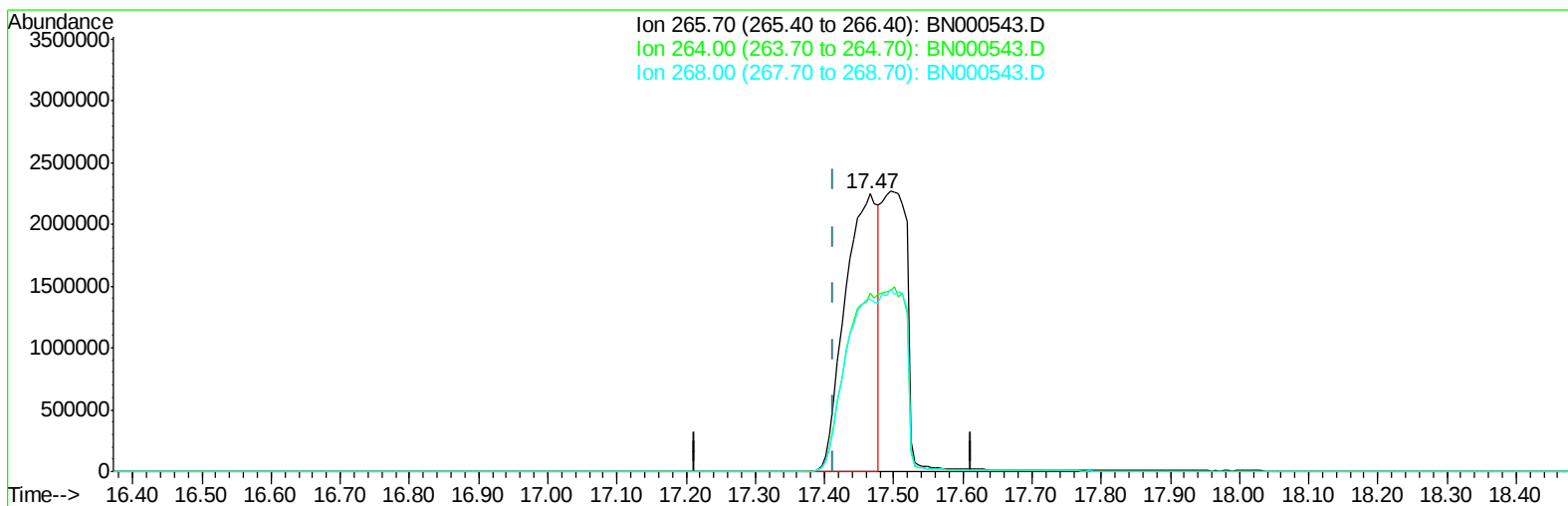


Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 23 02:25:11 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000543.D

(68) Pentachlorophenol (C)

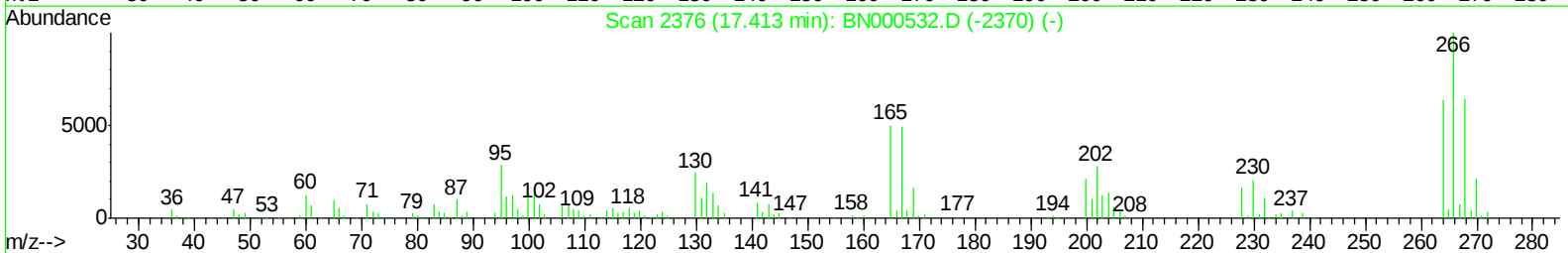
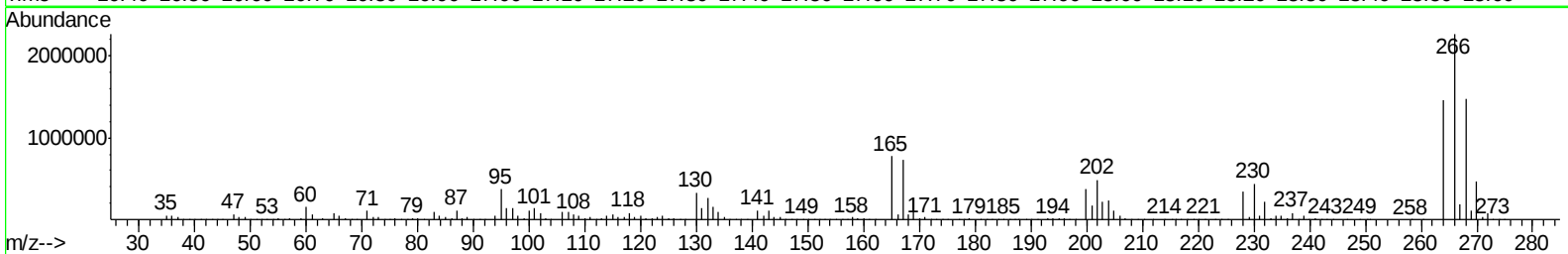
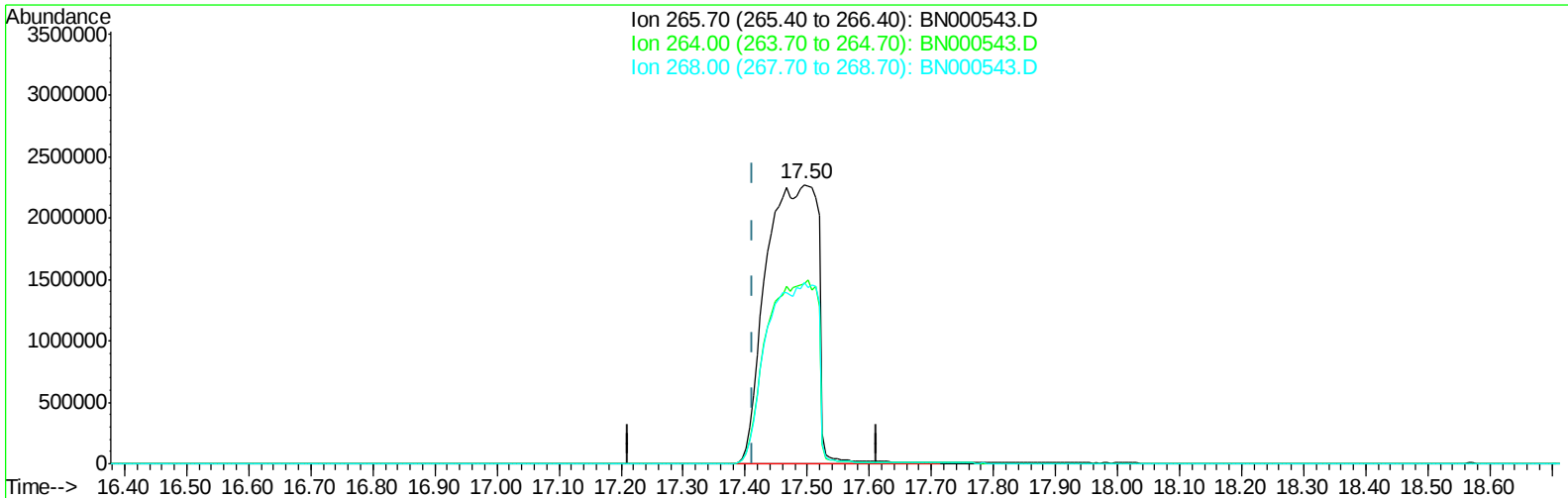
17.466min (+0.053) 1519.86ng/ul

response 7435036

Ion	Exp%	Act%
265.70	100	100
264.00	60.30	64.26
268.00	65.40	62.23
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 23 02:25:11 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000543.D

(68) Pentachlorophenol (C)

17.495min (+0.083) 2698.84ng/ul m

response 13202475

Ion	Exp%	Act%
265.70	100	100
264.00	60.30	64.50
268.00	65.40	65.09
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
 Data File : BN000543.D
 Acq On : 22 Mar 2018 16:46
 Operator : JU/SJ
 Sample : J1905-17DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 23 05:51:12 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 23 02:22:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	176143	20.00	ng/ul	0.00
18) Naphthalene-d8	11.26	136	739788	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	407663	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.78	188	860958	20.00	ng/ul	0.02
75) Chrysene-d12	21.90	240	880845	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	887771	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	1279	0.26	ng/uL	0.00
5) Phenol-d5	7.59	99	22461	1.37	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.72	67	38038	4.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	37003	2.98	ng/ul	0.00
13) 4-Methylphenol-d8	9.14	113	31412	2.45	ng/ul	0.01
19) Nitrobenzene-d5	9.60	128	22032	3.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	21198	3.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.88	165	39012	3.50	ng/ul	0.01
29) 4-Chloroaniline-d4	11.35	131	61883	5.40	ng/ul	-0.03
43) Dimethylphthalate-d6	14.42	166	112819	3.50	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	146315	3.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	19211	3.21	ng/ul	0.00
57) Fluorene-d10	16.02	176	97969	3.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.15	200	33635	6.82	ng/ul	0.02
70) Anthracene-d10	17.88	188	142644	3.45	ng/ul	0.02
76) Pyrene-d10	20.12	212	156227	3.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	136104	3.25	ng/ul	0.00

Target Compounds

					Ovalue	
14) Acetophenone	9.37	105	59293	3.116	ng/ul	91
21) Isophorone	10.17	82	1169419	41.361	ng/ul#	95
28) Naphthalene	11.31	128	254124	6.541	ng/ul#	93
34) 2-Methylnaphthalene	12.89	142	435178	16.778	ng/ul	100
38) 2,4,6-Trichlorophenol	13.49	196	30429	3.663	ng/ul	98
39) 2,4,5-Trichlorophenol	13.57	196	14556	1.680	ng/ul	99
40) 1,1'-Biphenyl	13.87	154	43974	1.267	ng/ul#	82
49) Acenaphthene	15.10	153	36081	1.271	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.68	232	2767138	418.330	ng/ul#	82
58) Fluorene	16.08	166	54776	1.788	ng/ul#	84
68) Pentachlorophenol	17.50	266	13202475m	2698.839	ng/ul	
69) Phenanthrene	17.82	178	258657	5.215	ng/ul#	95
74) Fluoranthene	19.79	202	138899	2.818	ng/ul#	73
77) Pyrene	20.15	202	125751	1.955	ng/ul#	69

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN032218\
 Data File : BN000543.D
 Acq On : 22 Mar 2018 16:46
 Operator : JU/SJ
 Sample : J1905-17DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 23 11:18:31 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 23 02:22:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	176143	20.00	ng/ul	0.00
18) Naphthalene-d8	11.26	136	739788	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	407663	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.78	188	860958	20.00	ng/ul	0.02
75) Chrysene-d12	21.90	240	880845	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	887771	20.00	ng/ul	0.00

System Monitoring Compounds

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46) Acenaphthylene-d8	14.74	160	146315	3.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	19211	3.21	ng/ul	0.00
57) Fluorene-d10	16.02	176	97969	3.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.15	200	33635	6.82	ng/ul	0.02
70) Anthracene-d10	17.88	188	142644	3.45	ng/ul	0.02
76) Pyrene-d10	20.12	212	156227	3.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	136104	3.25	ng/ul	0.00

Target Compounds

					Qvalue	
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28) Naphthalene	11.31	128	254124	6.541	ng/ul#	93
34) 2-Methylnaphthalene	12.89	142	435178	16.778	ng/ul	100
38) 2,4,6-Trichlorophenol	13.49	196	30429	3.663	ng/ul	98
39) 2,4,5-Trichlorophenol	13.57	196	14556	1.680	ng/ul	99
40) 1,1'-Biphenyl	13.87	154	43974	1.267	ng/ul#	82
49) Acenaphthene	15.10	153	36081	1.271	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.68	232	2767138	418.330	ng/ul#	82
58) Fluorene	16.08	166	54776	1.788	ng/ul#	84
68) Pentachlorophenol	17.50	266	13202475m	2698.839	ng/ul	
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74) Fluoranthene	19.79	202	138899	2.818	ng/ul#	73
77) Pyrene	20.15	202	125751	1.955	ng/ul#	69

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

