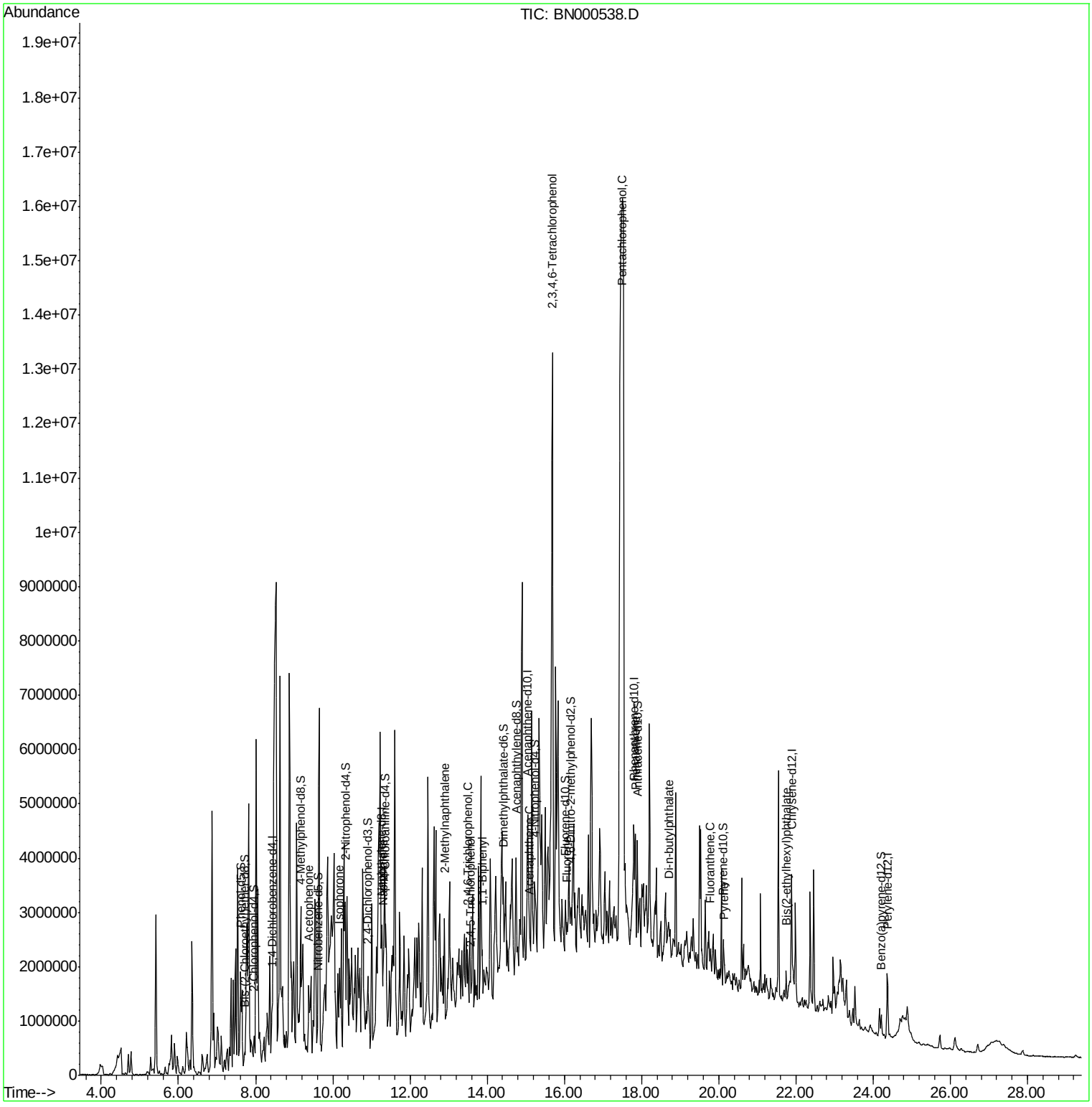
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000538.D
Acq On : 22 Mar 2018 13:54
Operator : JU/SJ
Sample : J1905-12DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

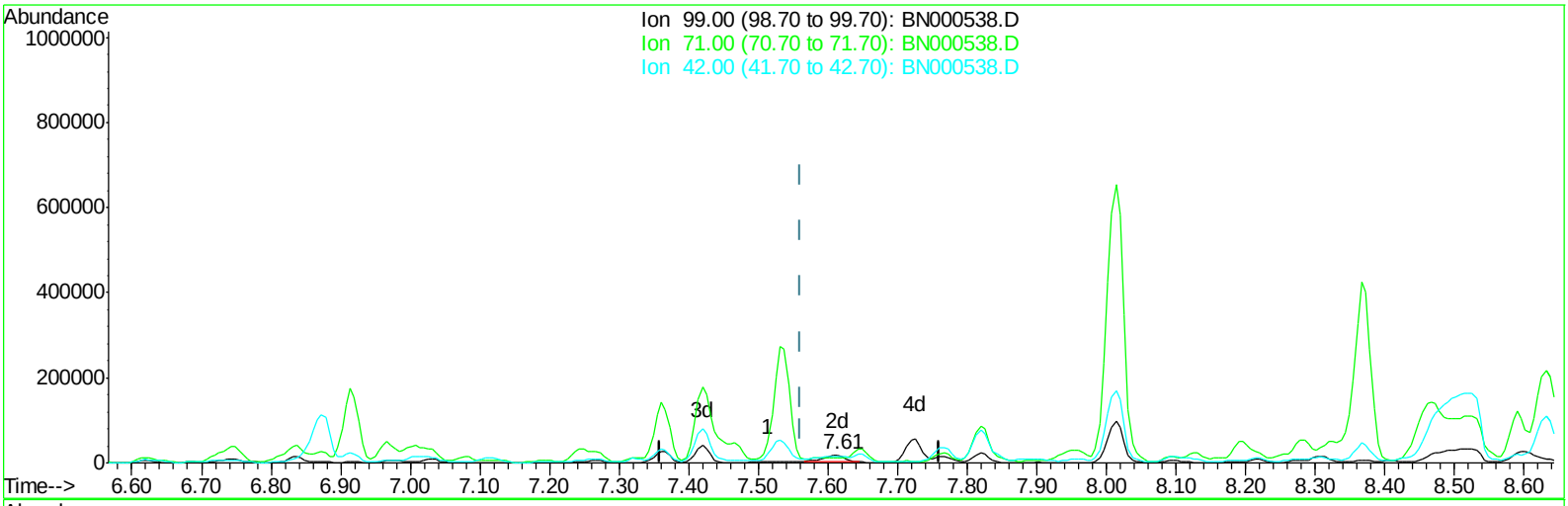
Quant Time: Mar 23 03:55:37 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration

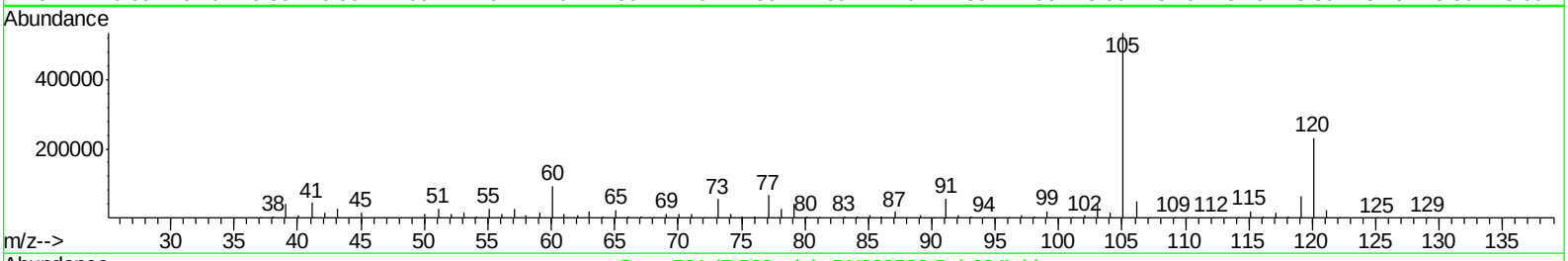


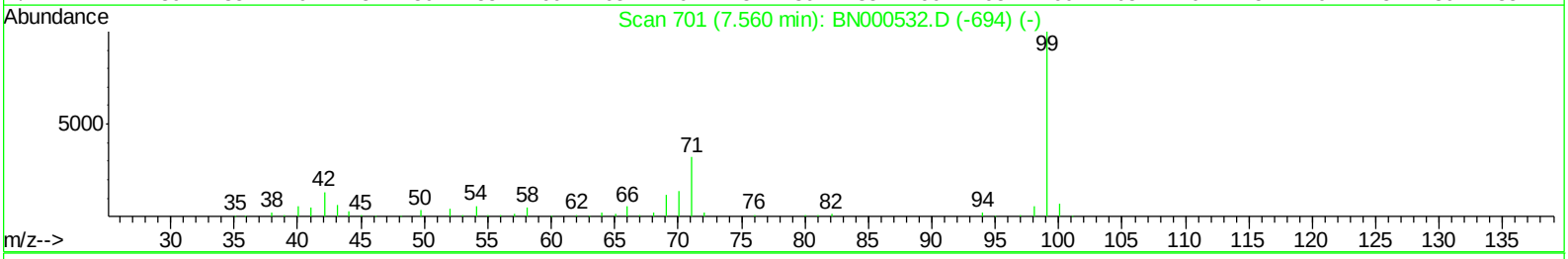
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000538.D
Acq On : 22 Mar 2018 13:54
Operator : JU/SJ
Sample : J1905-12DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 23 03:55:37 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: BN000538.D

(5) Phenol-d5 (S)

7.614min (+0.053) 2.01ng/ul m

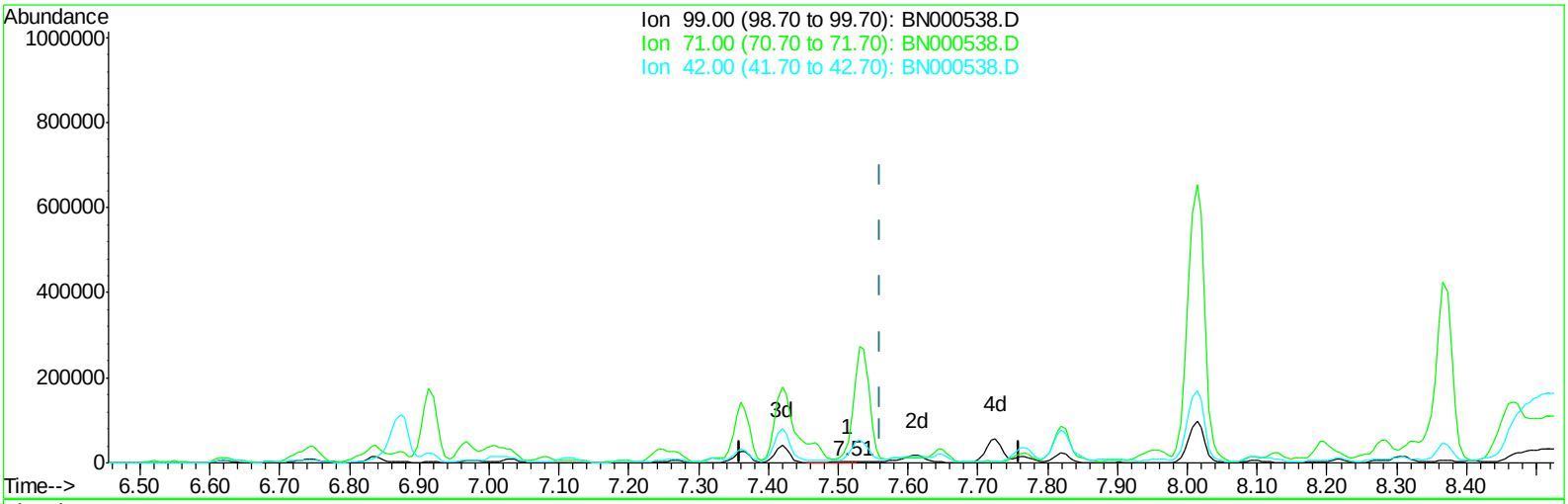
response 35102

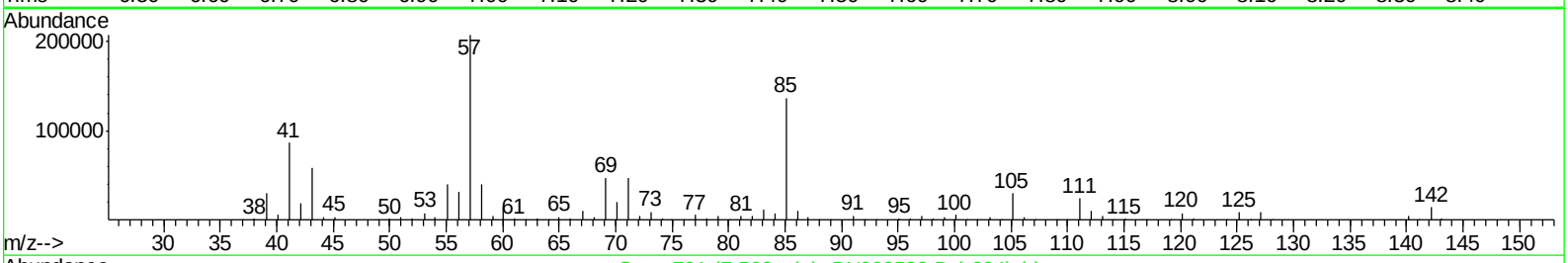
Ion	Exp%	Act%
99.00	100	100
71.00	37.50	61.33#
42.00	17.00	79.87#
0.00	0.00	0.00

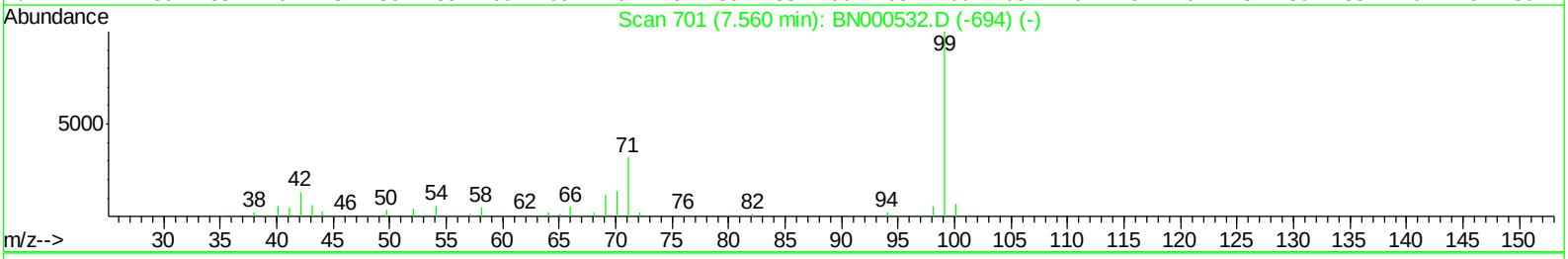
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000538.D
Acq On : 22 Mar 2018 13:54
Operator : JU/SJ
Sample : J1905-12DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 23 02:23:01 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: BN000538.D

(5) Phenol-d5 (S)

7.514min (-0.047) 0.37ng/ul

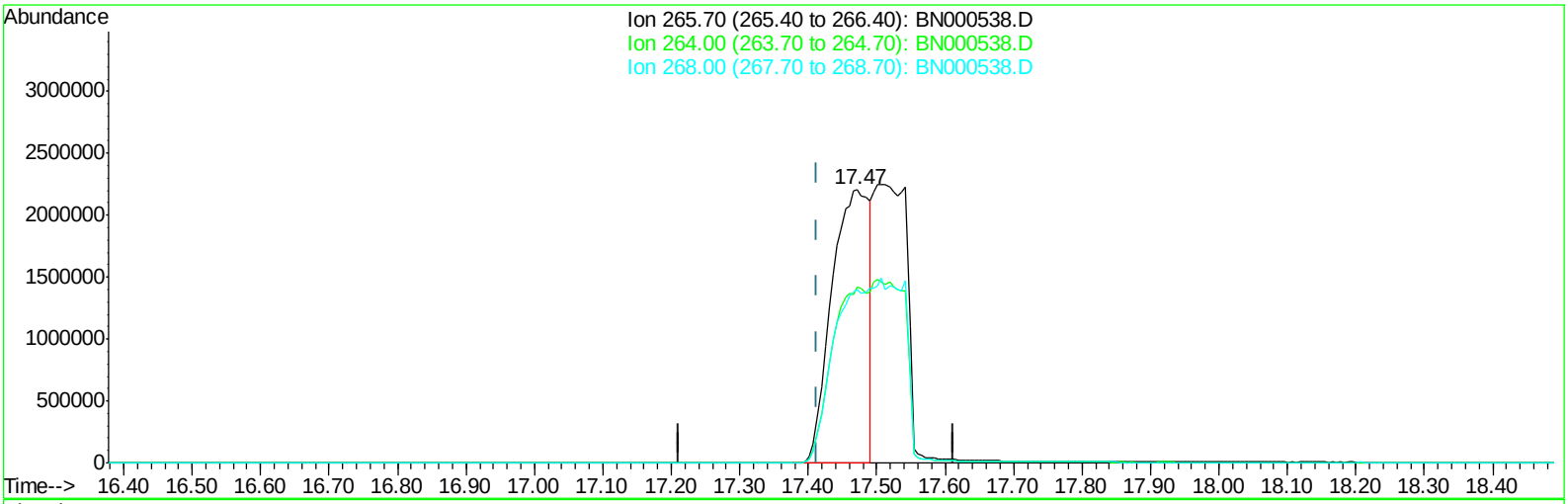
response 6412

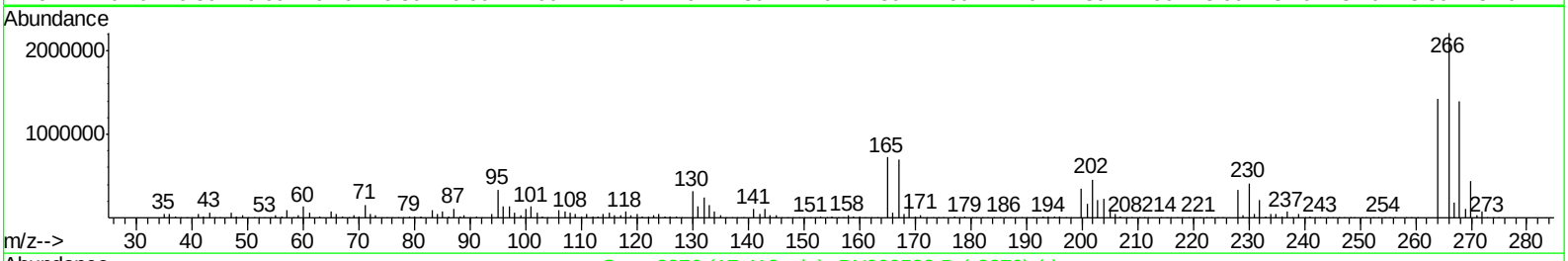
Ion	Exp%	Act%
99.00	100	100
71.00	37.50	1547.64#
42.00	17.00	647.71#
0.00	0.00	0.00

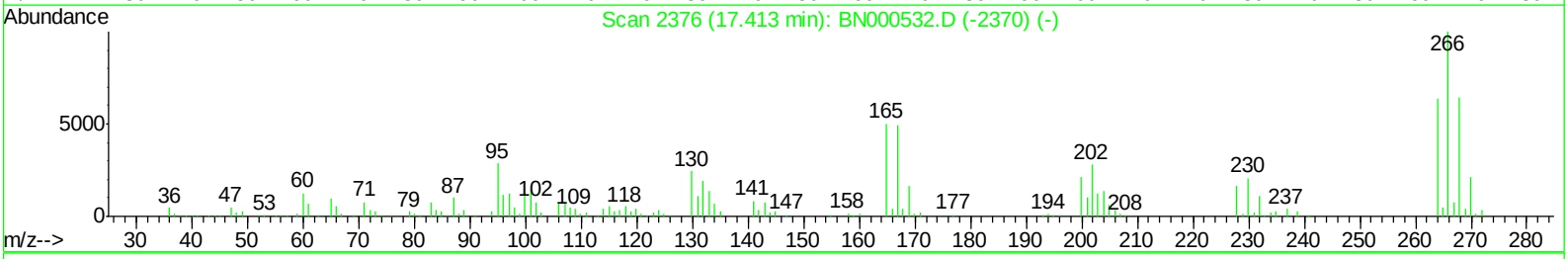
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000538.D
Acq On : 22 Mar 2018 13:54
Operator : JU/SJ
Sample : J1905-12DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 23 02:23:01 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: BN000538.D

(68) Pentachlorophenol (C)

17.472min (+0.059) 1719.13ng/ul

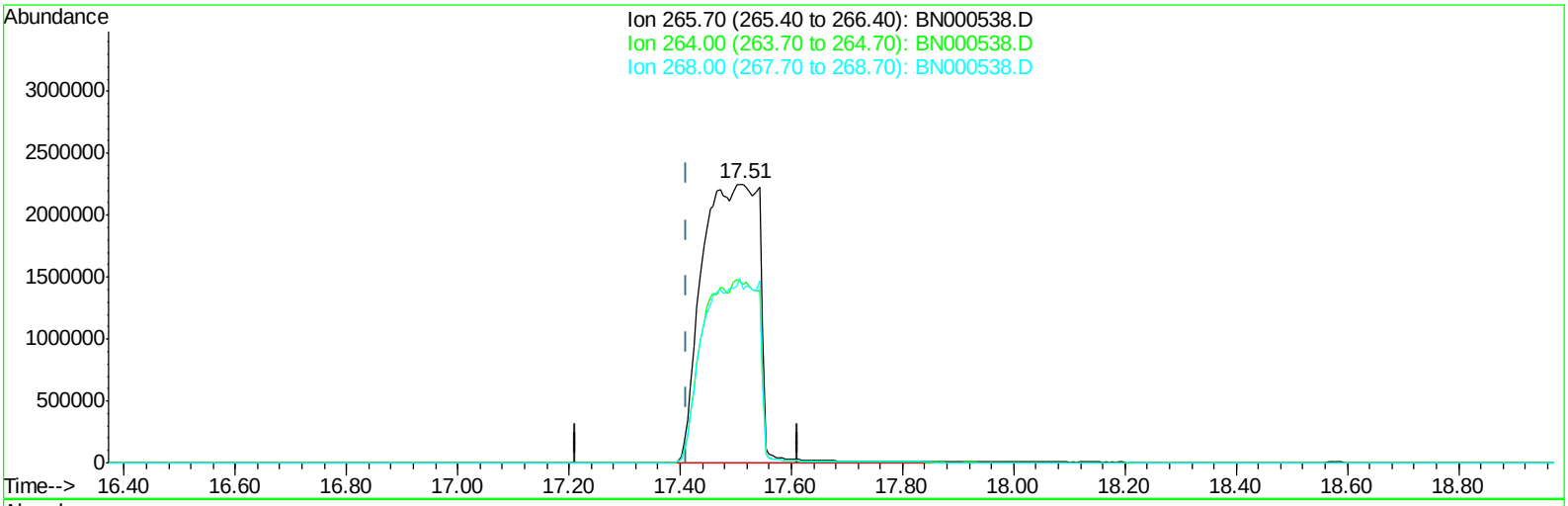
response 8283742

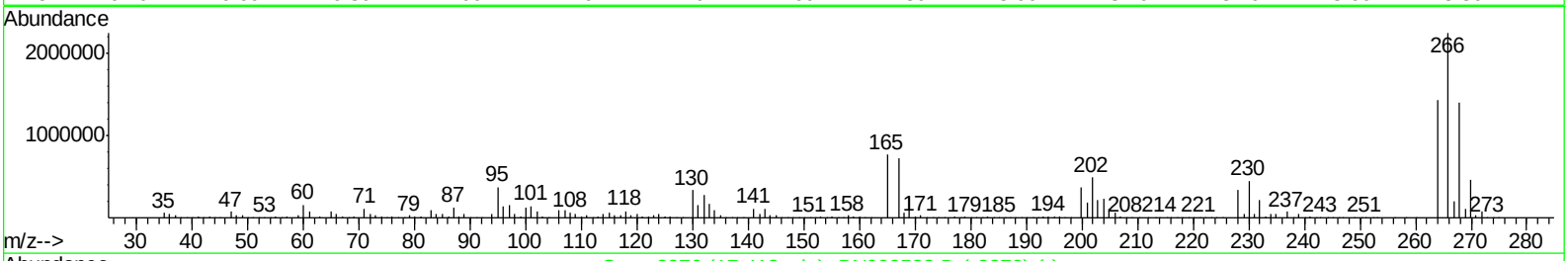
Ion	Exp%	Act%
265.70	100	100
264.00	60.30	64.30
268.00	65.40	63.23
0.00	0.00	0.00

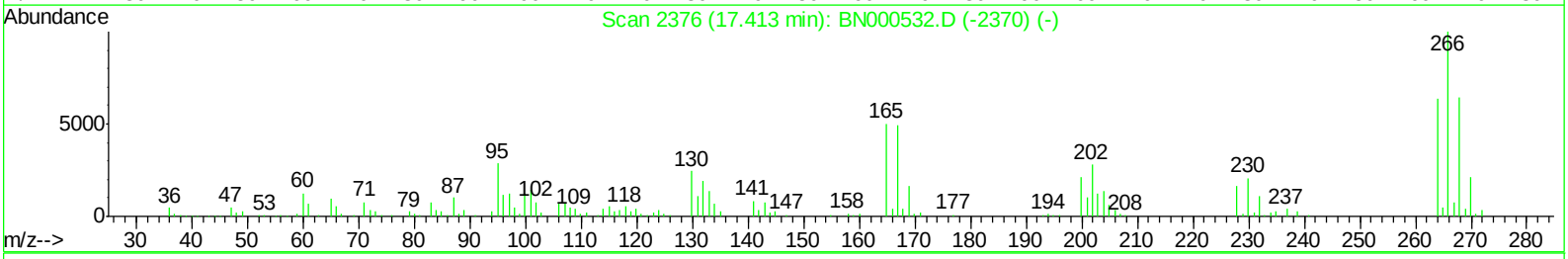
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000538.D
Acq On : 22 Mar 2018 13:54
Operator : JU/SJ
Sample : J1905-12DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 23 02:23:01 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: BN000538.D

(68) Pentachlorophenol (C)

17.513min (+0.100) 3347.78ng/ul m

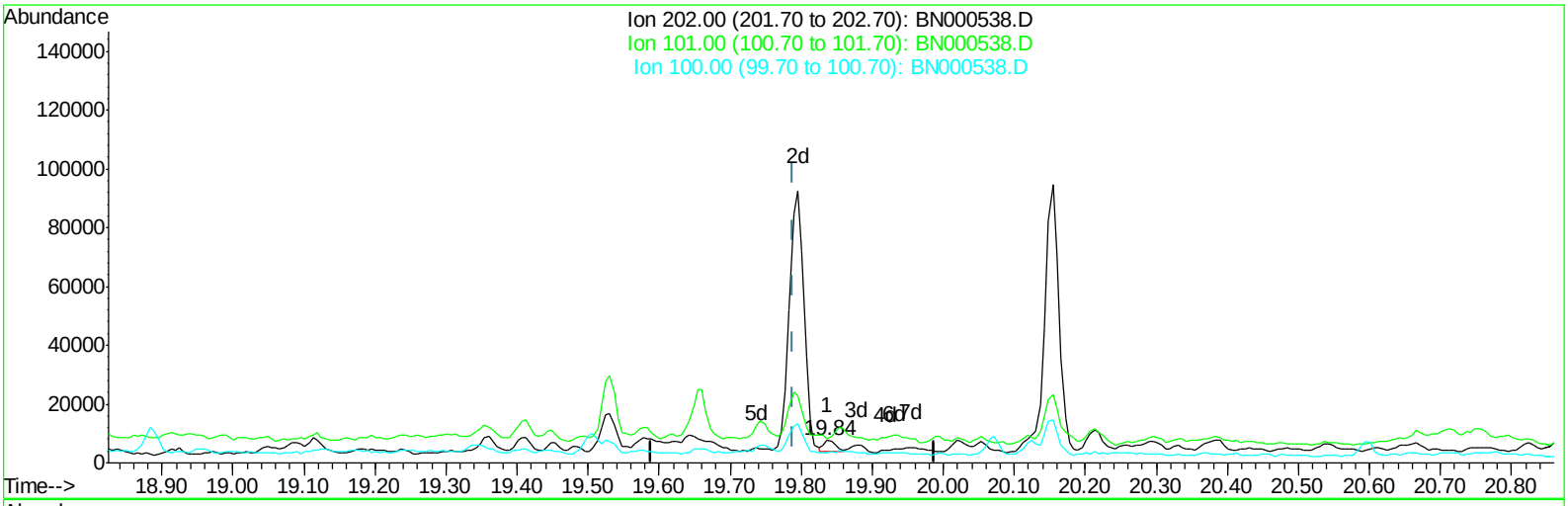
response 16131520

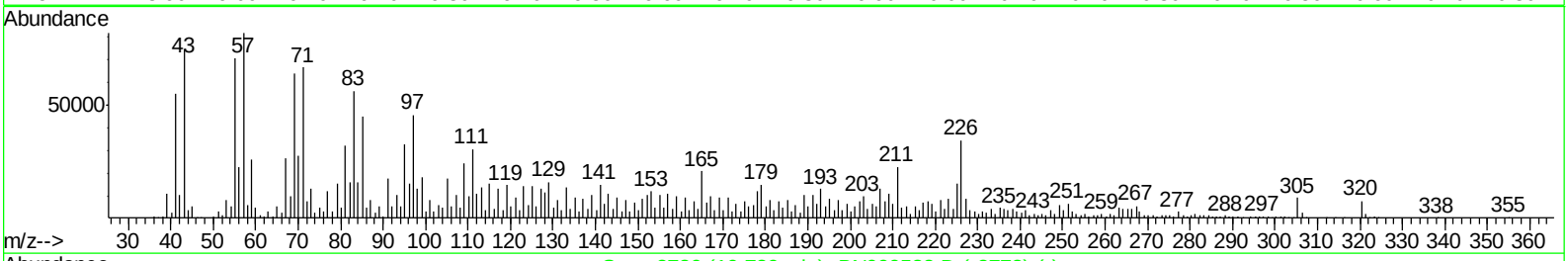
Ion	Exp%	Act%
265.70	100	100
264.00	60.30	64.00
268.00	65.40	62.50
0.00	0.00	0.00

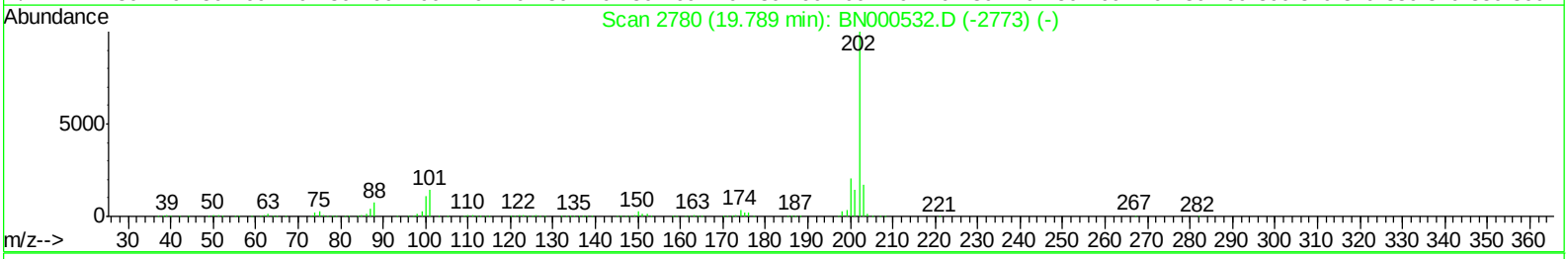
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000538.D
Acq On : 22 Mar 2018 13:54
Operator : JU/SJ
Sample : J1905-12DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 23 02:23:01 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: BN000538.D

(74) Fluoranthene (C)

19.836min (+0.047) 0.10ng/ul

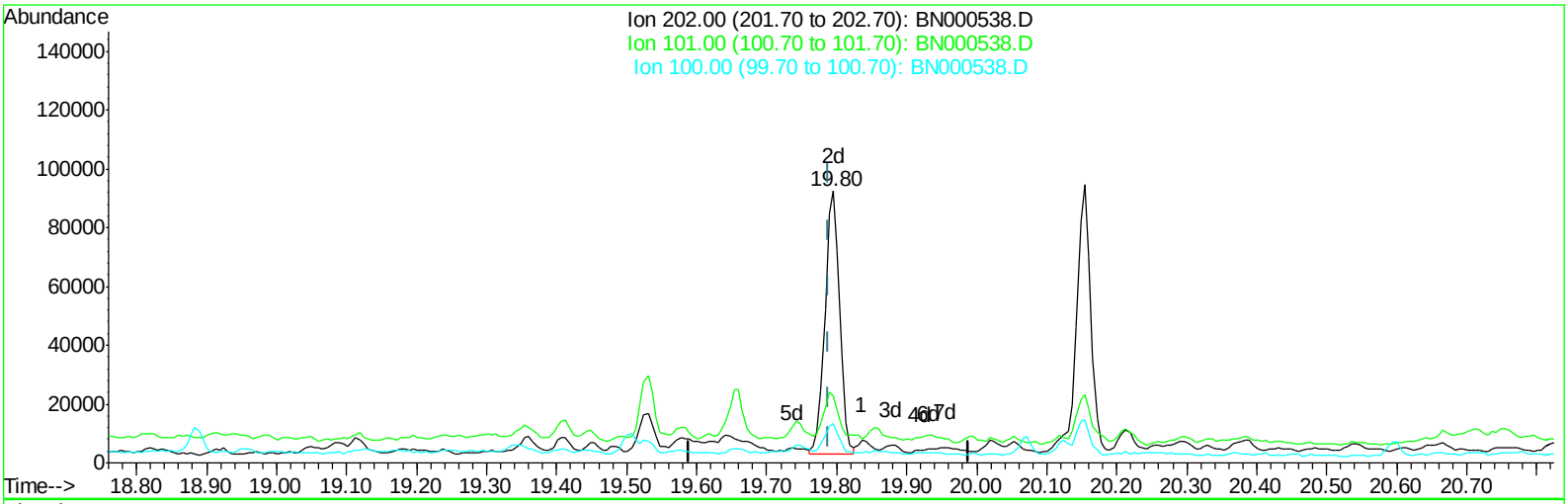
response 4644

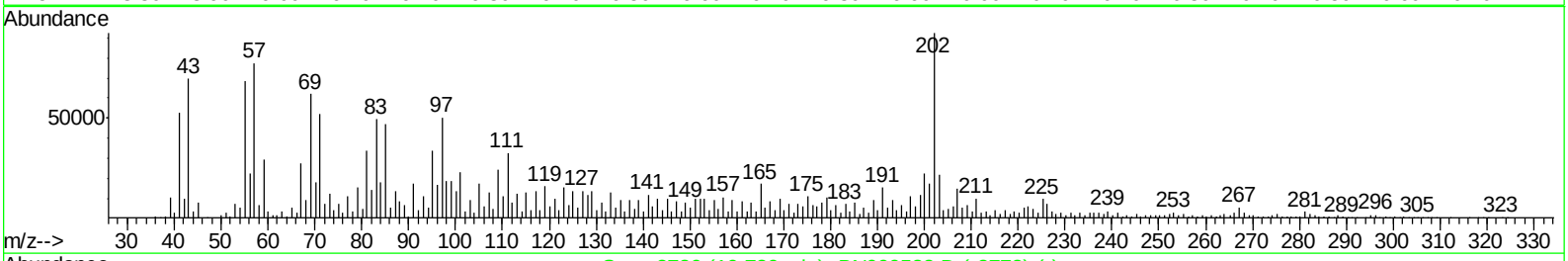
Ion	Exp%	Act%
202.00	100	100
101.00	7.60	109.94#
100.00	5.80	43.59#
0.00	0.00	0.00

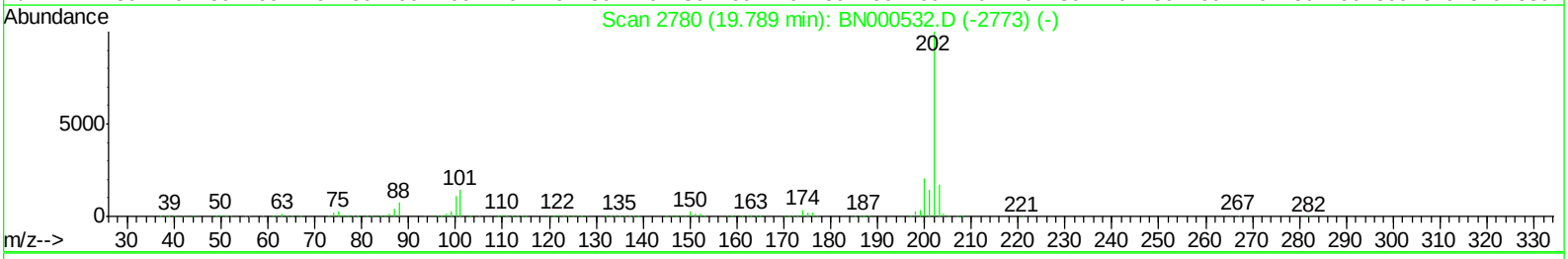
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000538.D
Acq On : 22 Mar 2018 13:54
Operator : JU/SJ
Sample : J1905-12DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 23 02:23:01 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: BN000538.D

(74) Fluoranthene (C)

19.795min (+0.006) 2.70ng/ul m

response 131054

Ion	Exp%	Act%
202.00	100	100
101.00	7.60	24.79#
100.00	5.80	14.41#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000538.D
Acq On : 22 Mar 2018 13:54
Operator : JU/SJ
Sample : J1905-12DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 23 03:55:37 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	186972	20.00	ng/ul	0.00
18) Naphthalene-d8	11.26	136	746914	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	404657	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	848050	20.00	ng/ul	0.04
75) Chrysene-d12	21.89	240	879069	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	870953	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	2148	0.41	ng/uL	0.00
5) Phenol-d5	7.61	99	35102m	2.01	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	7.73	67	74350	7.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	77913	5.91	ng/ul	0.01
13) 4-Methylphenol-d8	9.15	113	65297	4.81	ng/ul	0.02
19) Nitrobenzene-d5	9.60	128	51158	8.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	45681	7.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	80979	7.19	ng/ul	0.02
29) 4-Chloroaniline-d4	11.36	131	103574	8.96	ng/ul	-0.02
43) Dimethylphthalate-d6	14.43	166	227474	7.12	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	294749	6.99	ng/ul	0.00
51) 4-Nitrophenol-d4	15.24	143	34984	5.89	ng/ul	0.00
57) Fluorene-d10	16.03	176	195818	7.19	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	16.17	200	62355	12.84	ng/ul	0.03
70) Anthracene-d10	17.89	188	283362	6.95	ng/ul	0.03
76) Pyrene-d10	20.12	212	317243	6.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	284060	6.91	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	9.38	105	106558	5.276	ng/ul	90
21) Isophorone	10.17	82	742061	25.995	ng/ul#	91
28) Naphthalene	11.31	128	710625	18.117	ng/ul	98
34) 2-Methylnaphthalene	12.90	142	904942	34.557	ng/ul	99
38) 2,4,6-Trichlorophenol	13.50	196	41026	4.975	ng/ul	96
39) 2,4,5-Trichlorophenol	13.58	196	31704	3.687	ng/ul	94
40) 1,1'-Biphenyl	13.88	154	84913	2.465	ng/ul#	85
49) Acenaphthene	15.11	153	53171	1.887	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.69	232	3677024	560.014	ng/ul#	79
58) Fluorene	16.08	166	93825	3.086	ng/ul#	83
68) Pentachlorophenol	17.51	266	16131520m	3347.784	ng/ul	
69) Phenanthrene	17.84	178	408916	8.370	ng/ul#	93
73) Di-n-butylphthalate	18.71	149	92434	1.582	ng/ul#	70
74) Fluoranthene	19.80	202	131054m	2.699	ng/ul	
77) Pyrene	20.15	202	129816	2.022	ng/ul#	65
81) Bis(2-ethylhexyl)phthalate	21.75	149	185220	4.000	ng/ul#	99

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000538.D
Acq On : 22 Mar 2018 13:54
Operator : JU/SJ
Sample : J1905-12DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 23 11:11:41 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	186972	20.00	ng/ul	0.00
18) Naphthalene-d8	11.26	136	746914	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	404657	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	848050	20.00	ng/ul	0.04
75) Chrysene-d12	21.89	240	879069	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	870953	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	2148	0.41	ng/uL	0.00
5) Phenol-d5	7.61	99	35102m	2.01	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	7.73	67	74350	7.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	77913	5.91	ng/ul	0.01
13) 4-Methylphenol-d8	9.15	113	65297	4.81	ng/ul	0.02
19) Nitrobenzene-d5	9.60	128	51158	8.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	45681	7.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	80979	7.19	ng/ul	0.02
29) 4-Chloroaniline-d4	11.36	131	103574	8.96	ng/ul	-0.02
43) Dimethylphthalate-d6	14.43	166	227474	7.12	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	294749	6.99	ng/ul	0.00
51) 4-Nitrophenol-d4	15.24	143	34984	5.89	ng/ul	0.00
57) Fluorene-d10	16.03	176	195818	7.19	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	16.17	200	62355	12.84	ng/ul	0.03
70) Anthracene-d10	17.89	188	283362	6.95	ng/ul	0.03
76) Pyrene-d10	20.12	212	317243	6.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	284060	6.91	ng/ul	0.00
Target Compounds						Qvalue
21) Isophorone	10.17	82	742061	25.995	ng/ul#	91
28) Naphthalene	11.31	128	710625	18.117	ng/ul	98
34) 2-Methylnaphthalene	12.90	142	904942	34.557	ng/ul	99
38) 2,4,6-Trichlorophenol	13.50	196	41026	4.975	ng/ul	96
39) 2,4,5-Trichlorophenol	13.58	196	31704	3.687	ng/ul	94
40) 1,1'-Biphenyl	13.88	154	84913	2.465	ng/ul#	85
49) Acenaphthene	15.11	153	53171	1.887	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.69	232	3677024	560.014	ng/ul#	79
58) Fluorene	16.08	166	93825	3.086	ng/ul#	83
68) Pentachlorophenol	17.51	266	16131520m	3347.784	ng/ul	
69) Phenanthrene	17.84	178	408916	8.370	ng/ul#	93
73) Di-n-butylphthalate	18.71	149	92434	1.582	ng/ul#	70
74) Fluoranthene	19.80	202	131054m	2.699	ng/ul	
77) Pyrene	20.15	202	129816	2.022	ng/ul#	65
81) Bis(2-ethylhexyl)phthalate	21.75	149	185220	4.000	ng/ul#	99

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000538.D
Acq On : 22 Mar 2018 13:54
Operator : JU/SJ
Sample : J1905-12DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 23 11:11:41 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