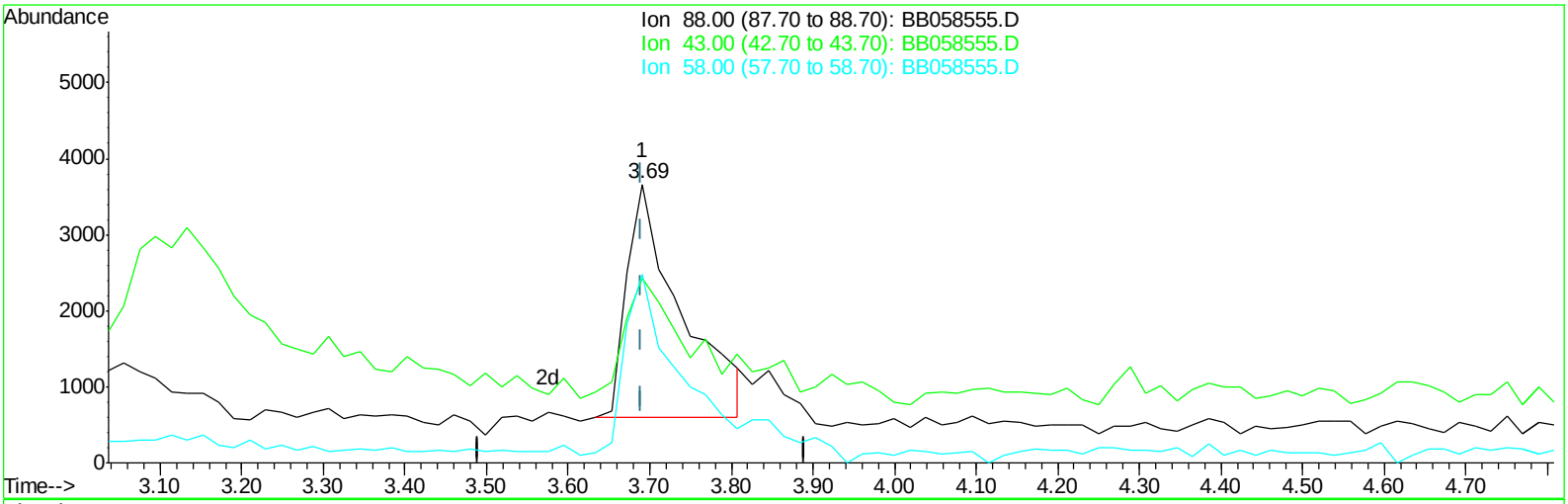
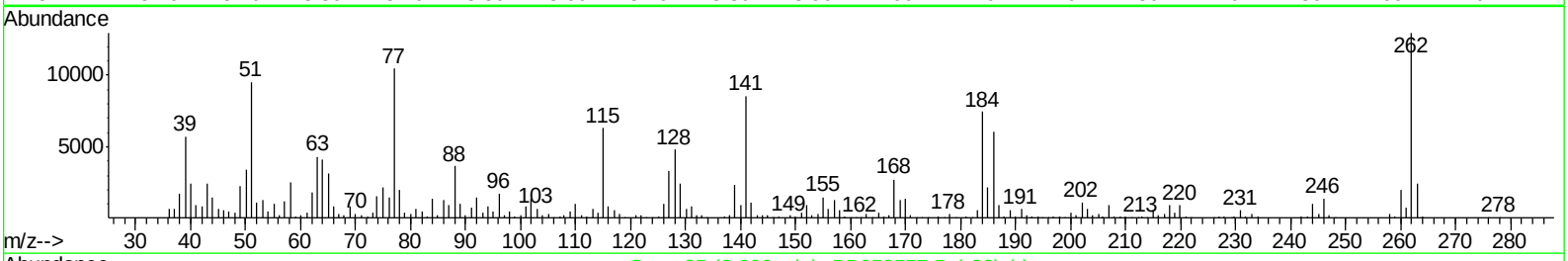
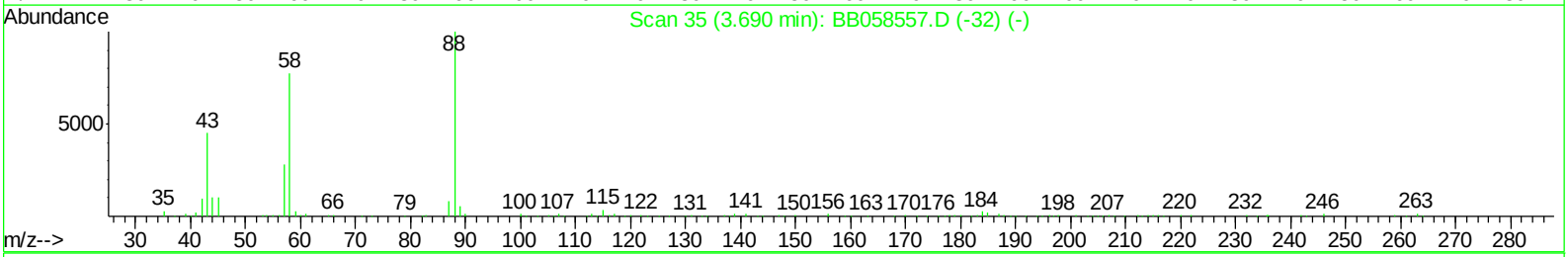
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\
Data File : BB058555.D
Acq On : 29 Sep 2016 12:25
Operator : UM/SJ
Sample : SSTD00567
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 15:41:16 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 14:56:56 2016
Response via : Initial Calibration







TIC: BB058555.D

(2) 1,4-Dioxane

3.691min (+0.002) 1.88ng/uL

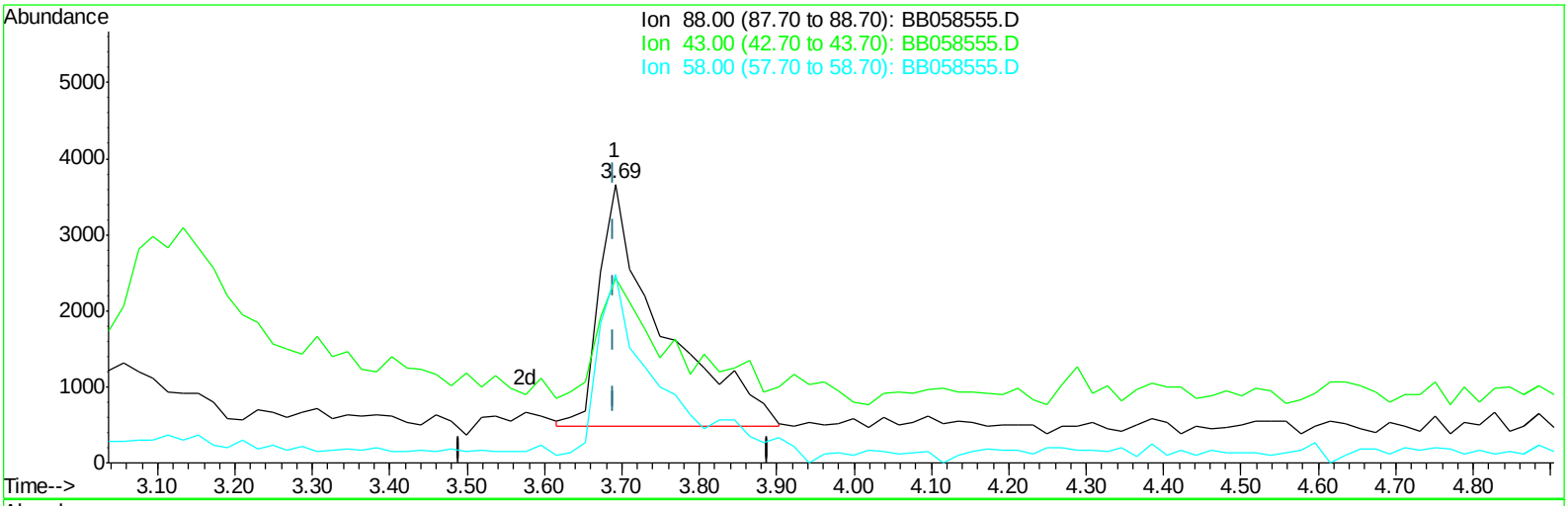
response 14101

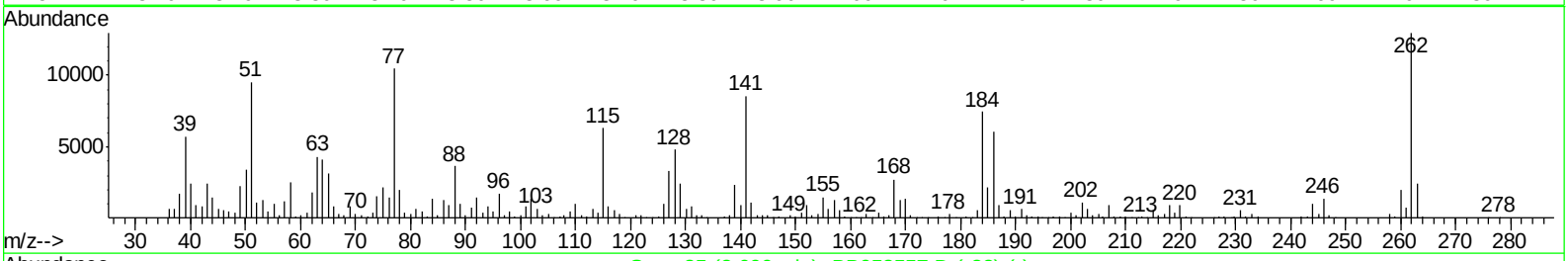
Ion	Exp%	Act%
88.00	100	100
43.00	28.30	55.54#
58.00	71.60	74.60
0.00	0.00	0.00

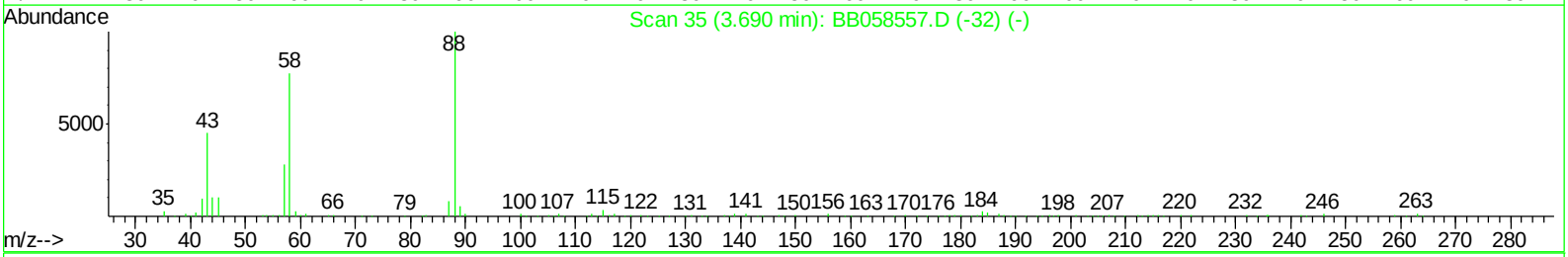
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\
Data File : BB058555.D
Acq On : 29 Sep 2016 12:25
Operator : UM/SJ
Sample : SSTD00567
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 15:41:16 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 14:56:56 2016
Response via : Initial Calibration







TIC: BB058555.D

(2) 1,4-Dioxane

3.691min (+0.002) 2.36ng/uL m

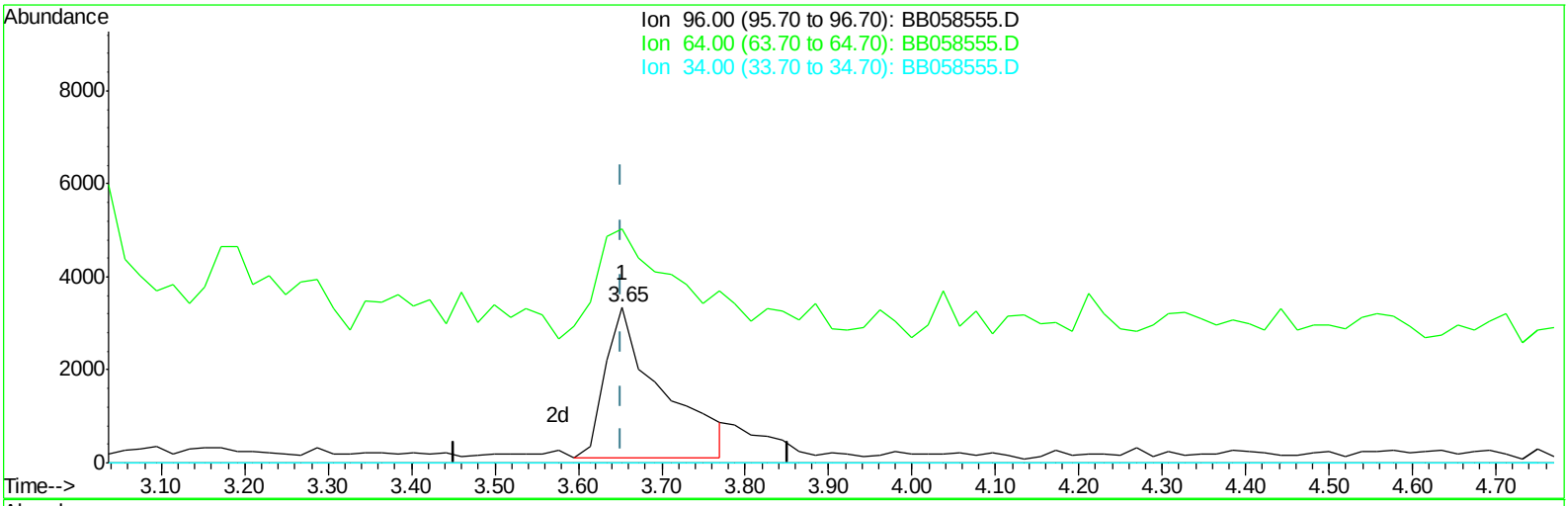
response 17724

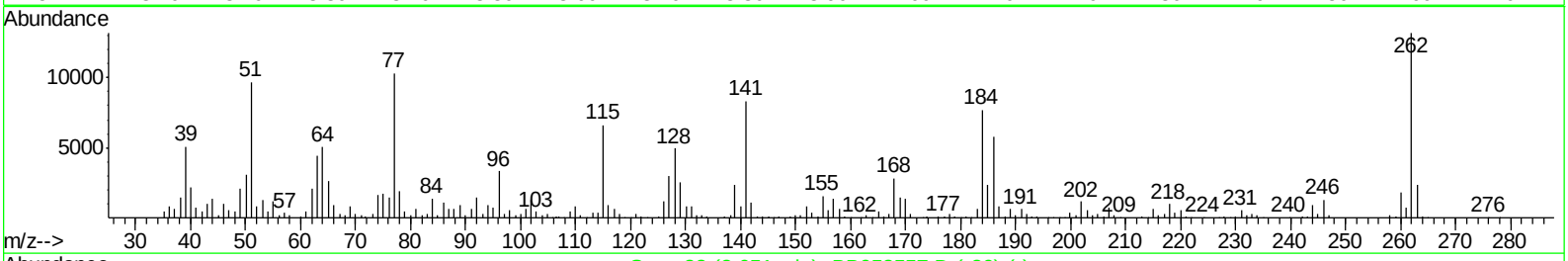
Ion	Exp%	Act%
88.00	100	100
43.00	28.30	44.18#
58.00	71.60	59.35
0.00	0.00	0.00

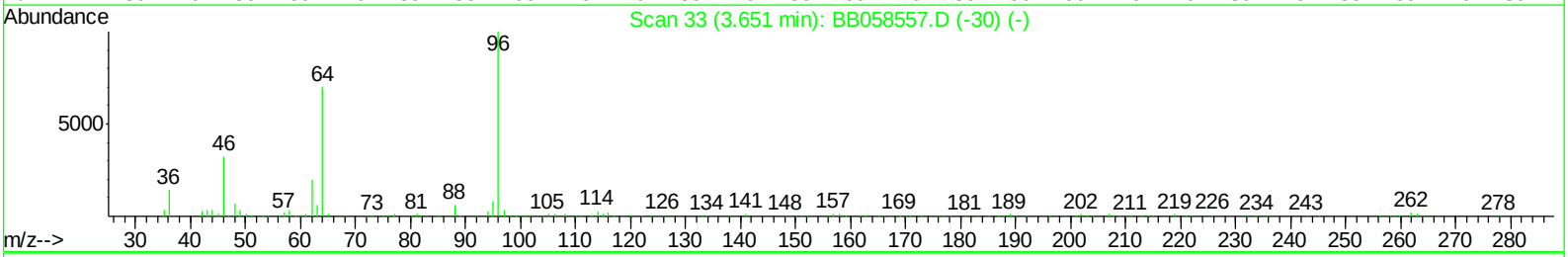
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\
Data File : BB058555.D
Acq On : 29 Sep 2016 12:25
Operator : UM/SJ
Sample : SSTD00567
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 15:41:16 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 14:56:56 2016
Response via : Initial Calibration







TIC: BB058555.D

(3) 1,4-Dioxane-d8 (S)

3.653min (+0.002) 2.13ng/uL

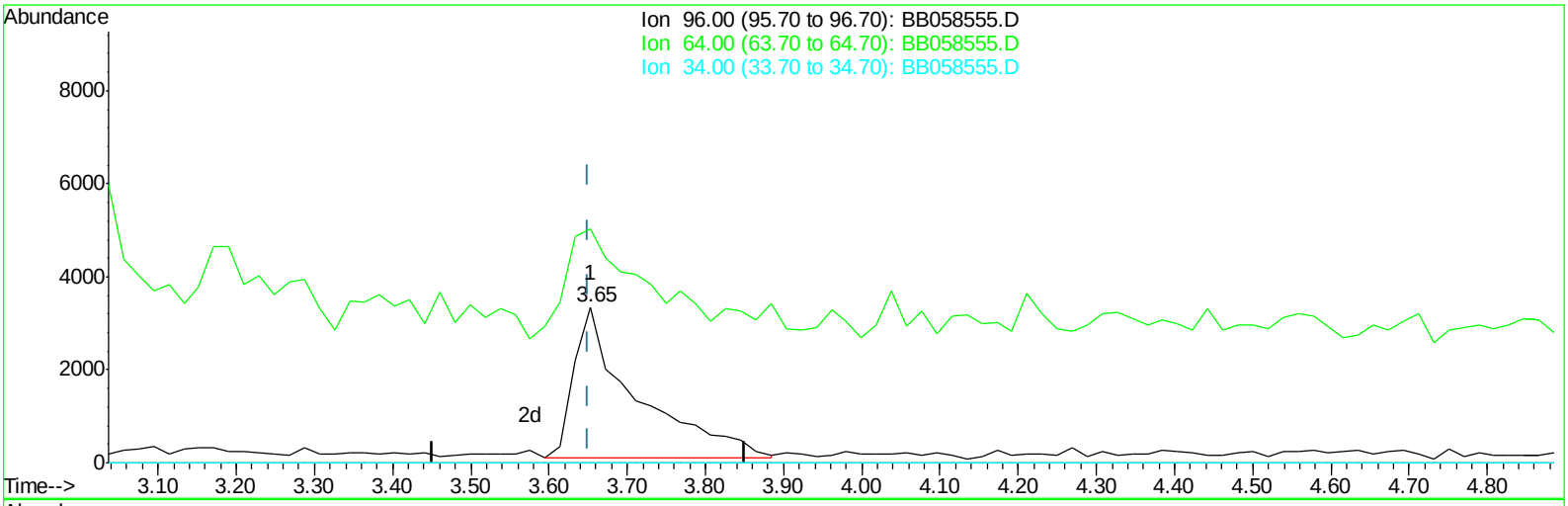
response 15222

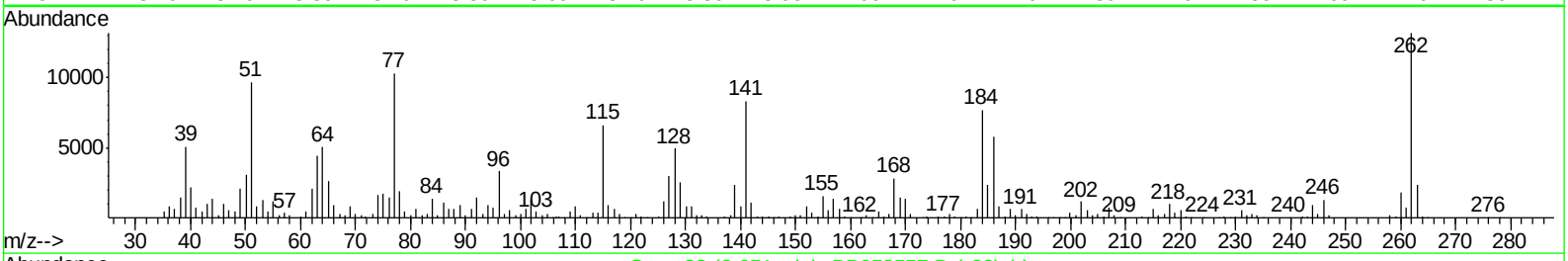
Ion	Exp%	Act%
96.00	100	100
64.00	68.70	92.71#
34.00	0.00	0.00
0.00	0.00	0.00

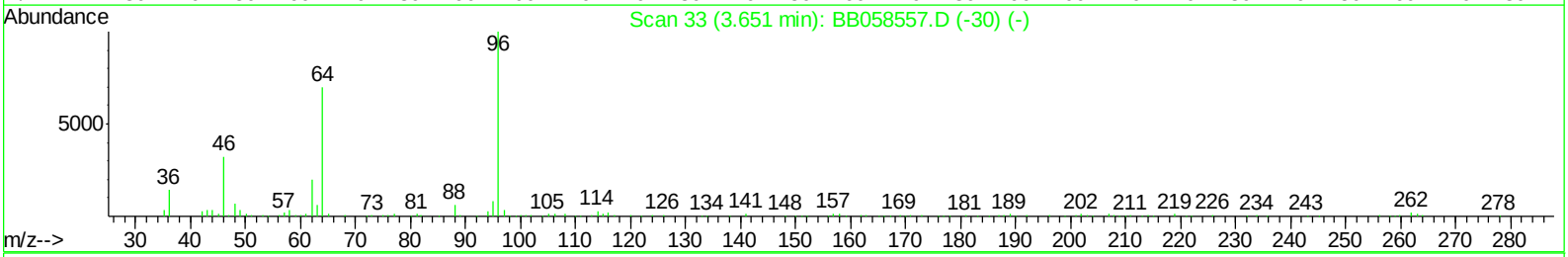
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\
Data File : BB058555.D
Acq On : 29 Sep 2016 12:25
Operator : UM/SJ
Sample : SSTD00567
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 15:41:16 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 14:56:56 2016
Response via : Initial Calibration







TIC: BB058555.D

(3) 1,4-Dioxane-d8 (S)

3.653min (+0.002) 2.49ng/uL m

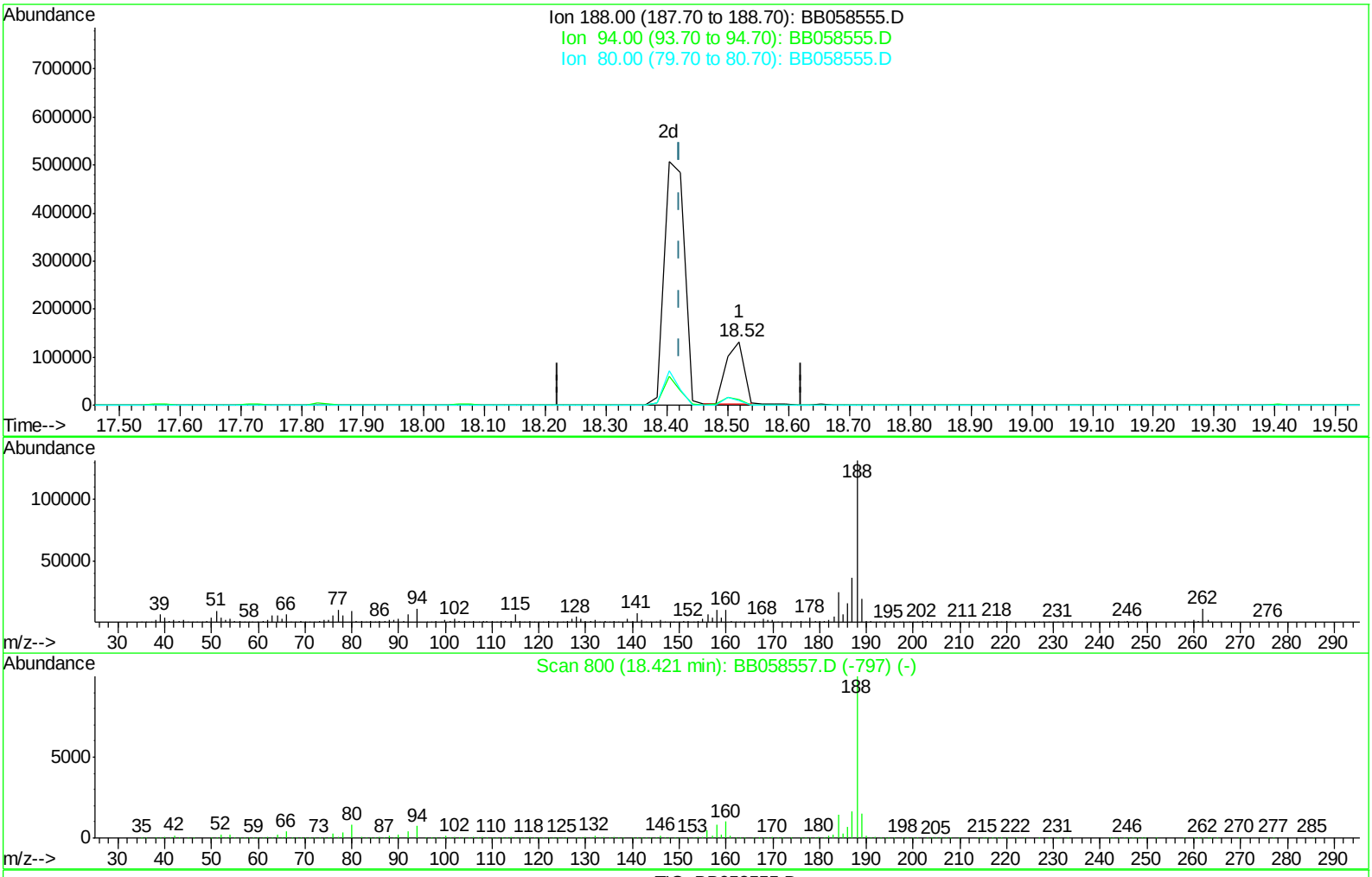
response 17844

Ion	Exp%	Act%
96.00	100	100
64.00	68.70	79.09
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\
Data File : BB058555.D
Acq On : 29 Sep 2016 12:25
Operator : UM/SJ
Sample : SSTD00567
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 15:41:16 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 14:56:56 2016
Response via : Initial Calibration



TIC: BB058555.D

(61) Phenanthrene-d10 (I)

18.519min (+0.098) 20.00ng/ul

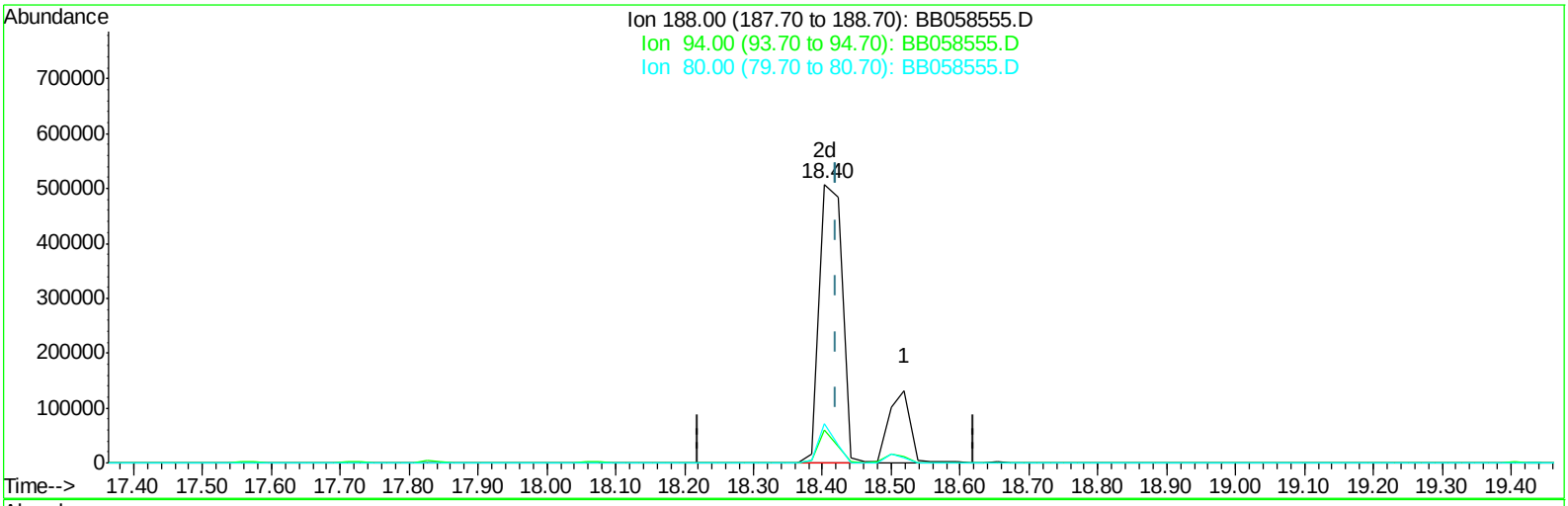
response 267507

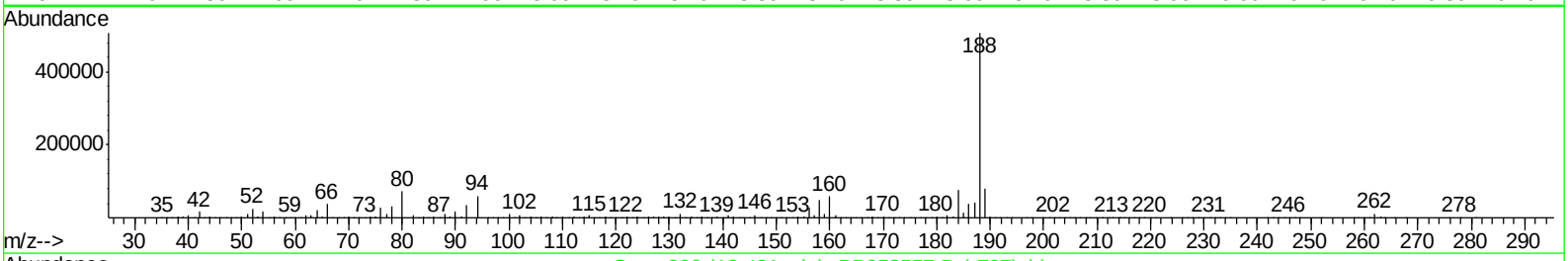
Ion	Exp%	Act%
188.00	100	100
94.00	7.90	8.39
80.00	8.60	7.13
0.00	0.00	0.00

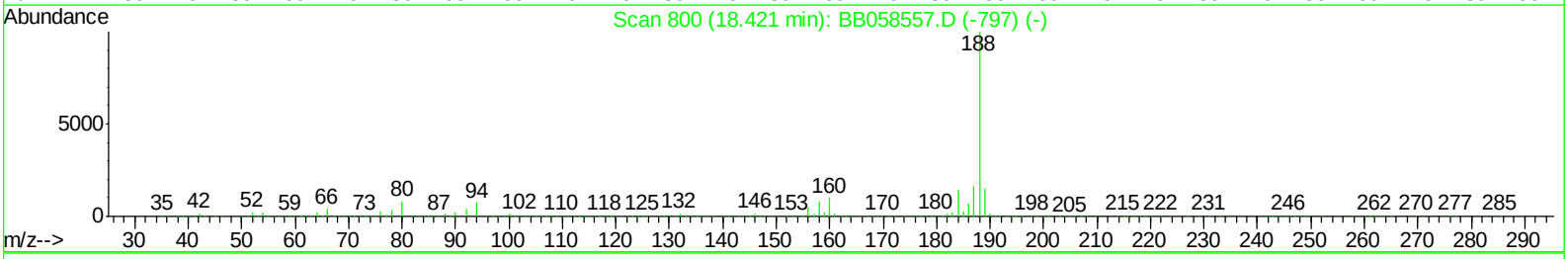
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\
Data File : BB058555.D
Acq On : 29 Sep 2016 12:25
Operator : UM/SJ
Sample : SSTD00567
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 15:41:16 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 14:56:56 2016
Response via : Initial Calibration







TIC: BB058555.D

(61) Phenanthrene-d10 (I)

18.403min (-0.017) 20.00ng/ul m

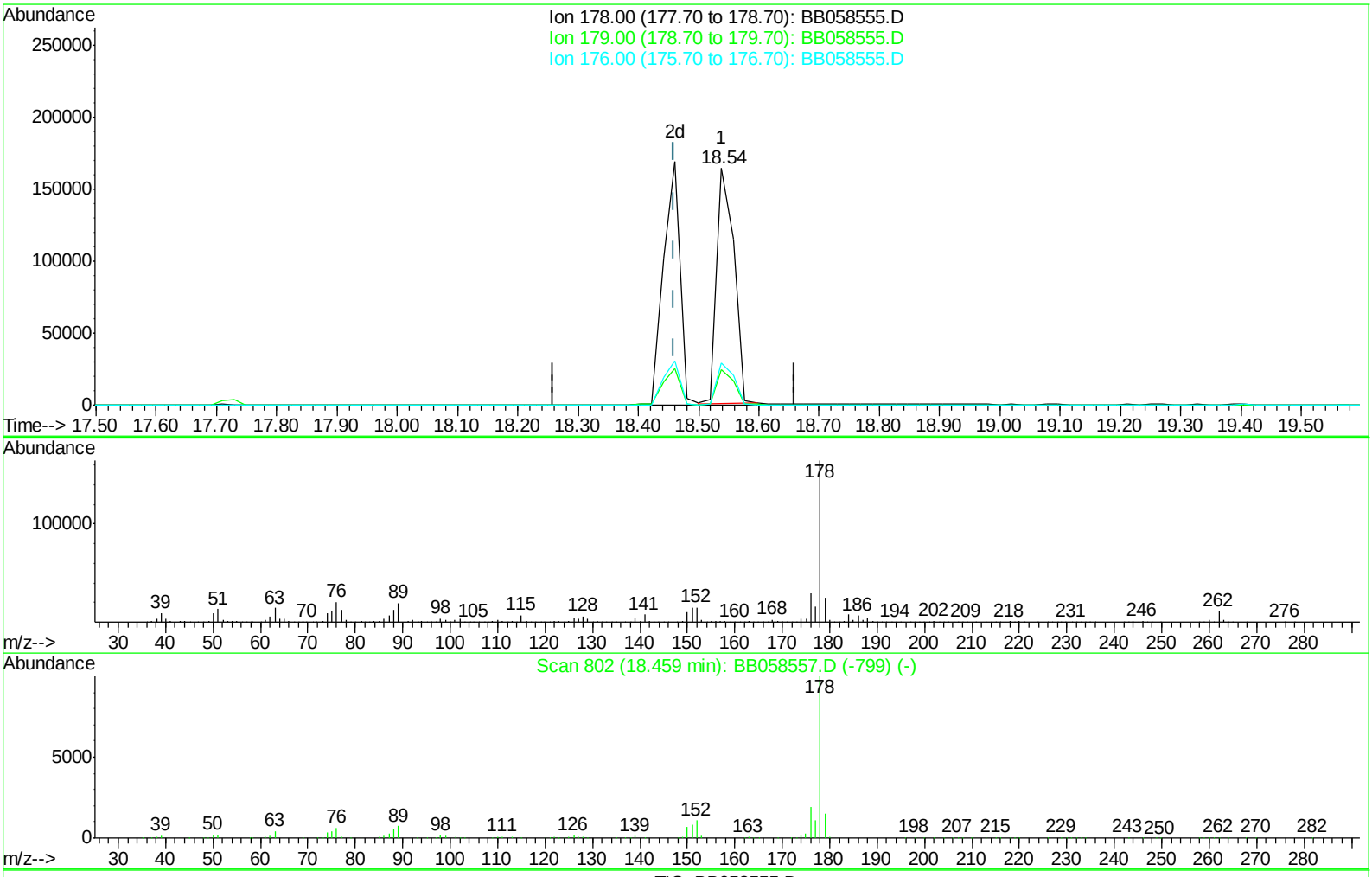
response 1176299

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	11.85#
80.00	8.60	14.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\
Data File : BB058555.D
Acq On : 29 Sep 2016 12:25
Operator : UM/SJ
Sample : SSTD00567
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 15:45:36 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 14:56:56 2016
Response via : Initial Calibration



TIC: BB058555.D

(69) Phenanthrene

18.538min (+0.079) 5.24ng/ul

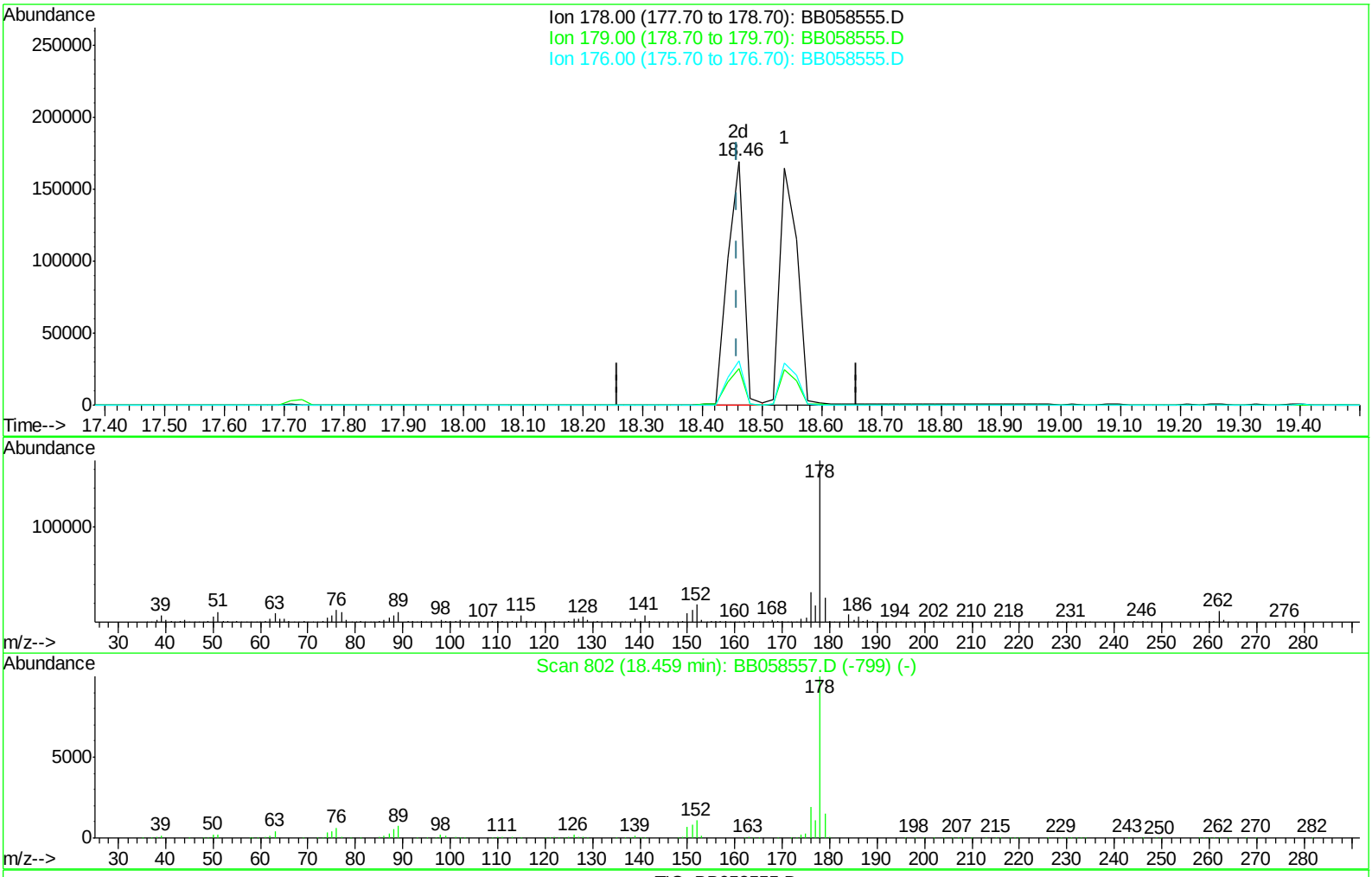
response 326135

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	14.84
176.00	18.90	17.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\
Data File : BB058555.D
Acq On : 29 Sep 2016 12:25
Operator : UM/SJ
Sample : SSTD00567
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 15:45:36 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 14:56:56 2016
Response via : Initial Calibration



TIC: BB058555.D

(69) Phenanthrene

18.461min (+0.002) 5.17ng/ul m

response 322350

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.05
176.00	18.90	18.30
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\
Data File : BB058555.D
Acq On : 29 Sep 2016 12:25
Operator : UM/SJ
Sample : SSTD00567
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 15:46:15 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 14:56:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	352114	20.00	ng/ul	0.00
18) Naphthalene-d8	11.63	136	1328444	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	784124	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.40	188	1176299m	20.00	ng/ul	-0.02
75) Chrysene-d12	22.77	240	1033391	20.00	ng/ul	-0.02
83) Perylene-d12	25.86	264	1035973	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	17844m	2.49	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	8.18	132	126769	5.59	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.87	128	66690	7.02	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.64	143	74061	6.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.22	165	103646	4.82	ng/ul	-0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.94	166	259317	4.55	ng/ul	-0.02
46) Acenaphthylene-d8	15.25	160	332895	5.03	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	16.59	176	213025	4.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	18.52	188	270994	5.01	ng/ul	0.00
76) Pyrene-d10	20.85	212	266032	6.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.62	264	221321	4.83	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	17724m	2.36	ng/uL	
10) 2-Chlorophenol	8.22	128	122547	5.38	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.53	70	90759	4.40	ng/ul#	71
17) Hexachloroethane	9.83	117	54877	5.89	ng/ul#	67
20) Nitrobenzene	9.91	77	124366	5.11	ng/ul#	95
21) Isophorone	10.47	82	251252	5.40	ng/ul#	97
23) 2-Nitrophenol	10.68	139	70848	6.31	ng/ul#	89
24) 2,4-Dimethylphenol	10.76	107	119523	4.60	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.99	93	132806	5.00	ng/ul#	92
27) 2,4-Dichlorophenol	11.26	162	98401	4.64	ng/ul	96
28) Naphthalene	11.66	128	324982	5.06	ng/ul	97
31) Hexachlorobutadiene	12.01	225	52142	3.37	ng/ul	98
33) 4-Chloro-3-methylphenol	12.93	107	101526	3.94	ng/ul	97
34) 2-Methylnaphthalene	13.32	142	219317	4.36	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	95636	4.14	ng/ul	94
38) 2,4,6-Trichlorophenol	13.96	196	66773	4.53	ng/ul	97
39) 2,4,5-Trichlorophenol	14.03	196	66523	4.12	ng/ul	98
40) 1,1'-Biphenyl	14.36	154	264316	5.08	ng/ul	98
41) 2-Chloronaphthalene	14.40	162	198344	4.90	ng/ul	97
42) 2-Nitroaniline	14.59	65	73071	5.87	ng/ul	89
44) Dimethylphthalate	14.99	163	258708	4.68	ng/ul#	96
45) 2,6-Dinitrotoluene	15.09	165	62018	5.65	ng/ul	94
47) Acenaphthylene	15.28	152	312282	4.75	ng/ul	100

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Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 14:56:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	15.63	153	206946	4.58	ng/ul	95
53) Dibenzofuran	15.98	168	300662	4.51	ng/ul	100
54) 2,4-Dinitrotoluene	15.92	165	85983	5.08	ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	16.23	232	48214	3.02	ng/ul#	93
56) Diethylphthalate	16.40	149	278410	4.93	ng/ul	94
58) Fluorene	16.65	166	239462	4.35	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.63	204	106506	3.68	ng/ul#	68
64) N-Nitrosodiphenylamine	16.86	169	198495	6.25	ng/ul	95
65) 4-Bromophenyl-phenylether	17.58	248	60021	4.68	ng/ul	98
66) Hexachlorobenzene	17.73	284	70329	4.87	ng/ul#	89
69) Phenanthrene	18.46	178	322350m	5.17	ng/ul	
71) Anthracene	18.54	178	324916	5.14	ng/ul	100
73) Di-n-butylphthalate	19.40	149	515686	8.11	ng/ul#	97
77) Pyrene	20.89	202	341726	6.74	ng/ul	98
78) Butylbenzylphthalate	21.79	149	226013	11.61	ng/ul	85
80) Benzo(a)anthracene	22.76	228	297509	5.27	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	22.68	149	316818	11.29	ng/ul#	90
82) Chrysene	22.83	228	274602	5.09	ng/ul	99
85) Benzo(b)fluoranthene	24.89	252	323775	5.57	ng/ul#	95
86) Benzo(k)fluoranthene	24.95	252	229691	4.11	ng/ul#	95
88) Benzo(a)pyrene	25.70	252	265412	4.76	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.11	276	254142	4.12	ng/ul#	84
90) Dibenzo(a,h)anthracene	29.15	278	203209	4.01	ng/ul#	86
91) Benzo(g,h,i)perylene	30.11	276	207679	4.02	ng/ul#	87

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

Quantitation Report (QT Reviewed)

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Data File : BB058555.D
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