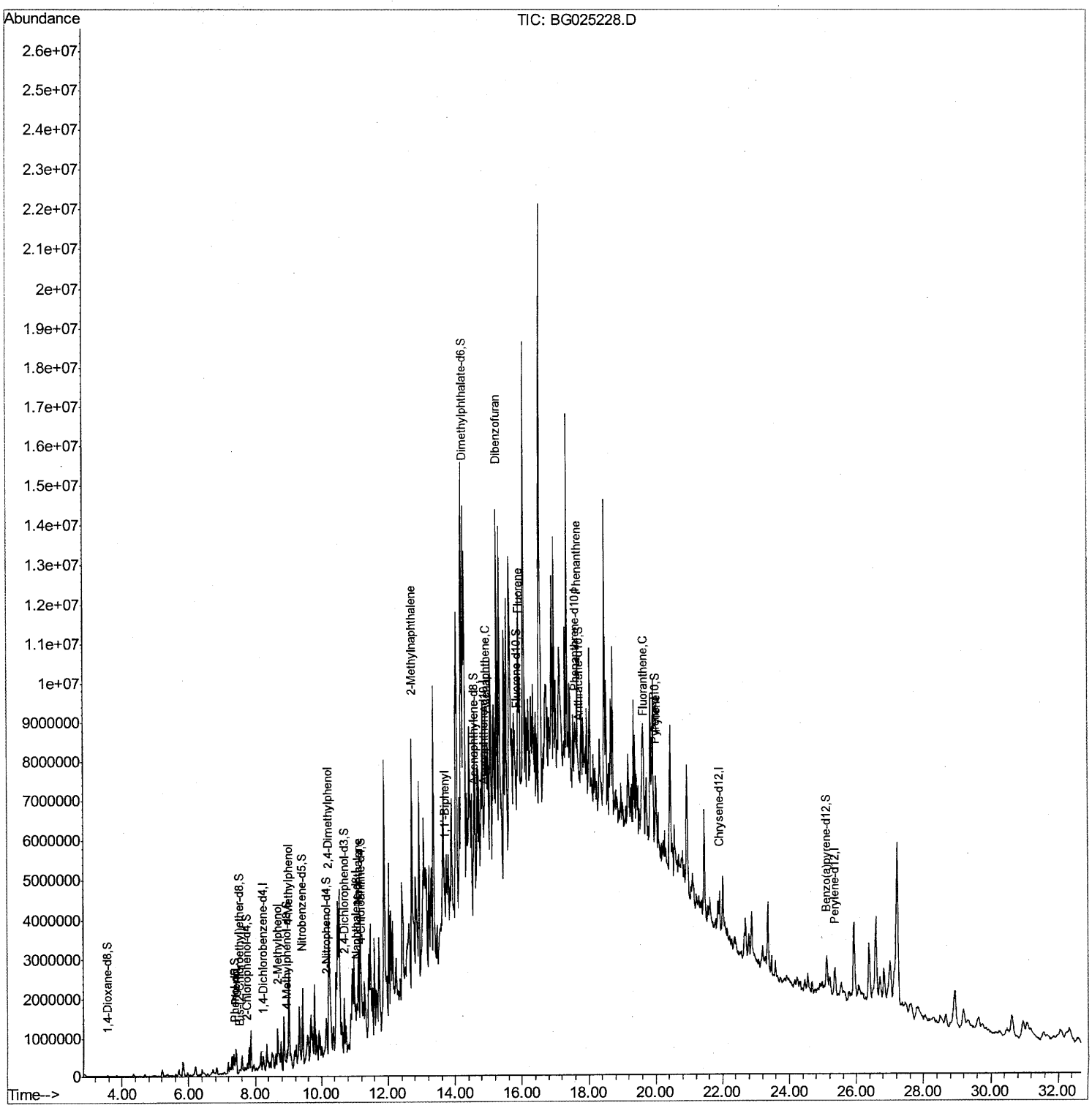
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121516\
Data File : BG025228.D
Acq On : 16 Dec 2016 1:50
Operator : UM/SJ
Sample : H5995-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 16 14:04:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA883

Manual Integrations APPROVED
UMANGI
12/16/2016 6:21:22 PM



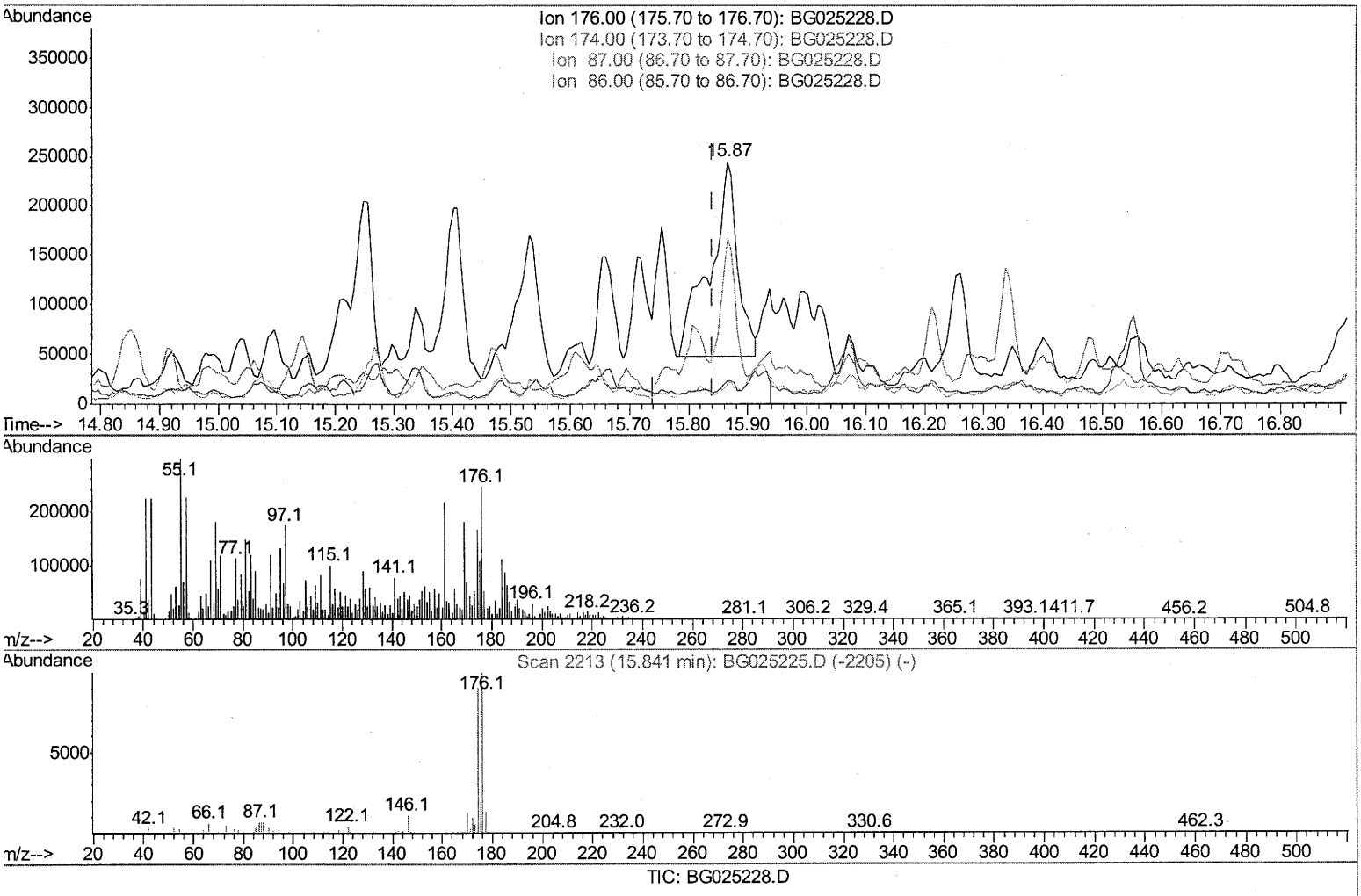
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025228.D
Acq On : 16 Dec 2016 1:50
Operator : UM/SJ
Sample : H5995-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 16 06:00:01 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA883

Manual Integrations APPROVED
UMANGI
12/16/2016 6:21:22 PM



TIC: BG025228.D

(57) Fluorene-d10 (S)

15.866min (+0.025) 34.93ng/ul

response 647042

Ion	Exp%	Act%
176.00	100	100
174.00	92.80	68.13#
87.00	9.40	8.25
86.00	8.20	9.44

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025228.D
Acq On : 16 Dec 2016 1:50
Operator : UM/SJ
Sample : H5995-15
Misc :
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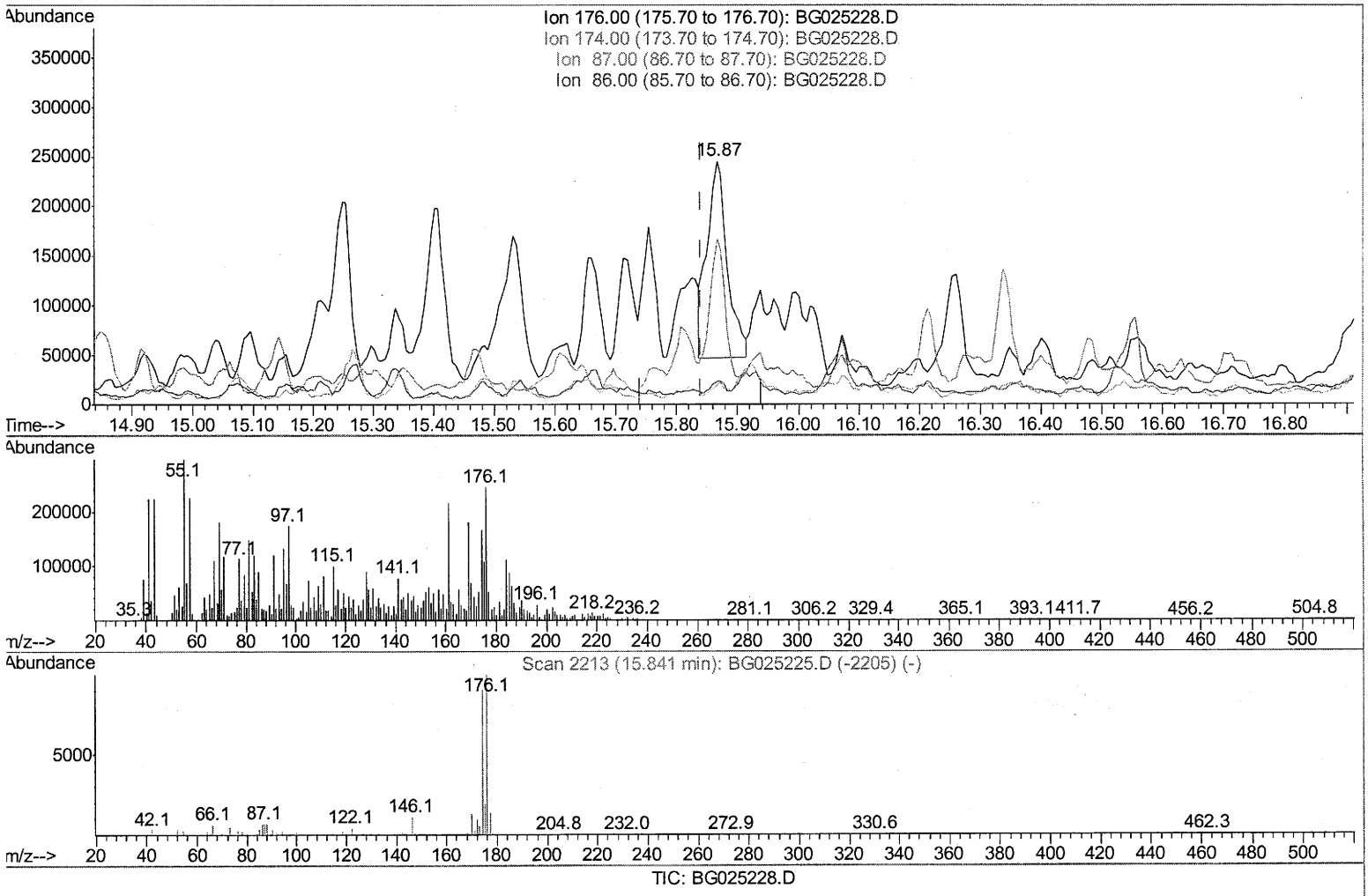
Quant Time: Dec 16 06:00:01 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA883

Manual Integrations APPROVED
UMANGI
12/16/2016 6:21:22 PM



TIC: BG025228.D

(57) Fluorene-d10 (S)

15.866min (+0.025) 24.35ng/ul m

response 450939

12/16/16

Ion	Exp%	Act%
176.00	100	100
174.00	92.80	68.13#
87.00	9.40	8.25
86.00	8.20	9.44

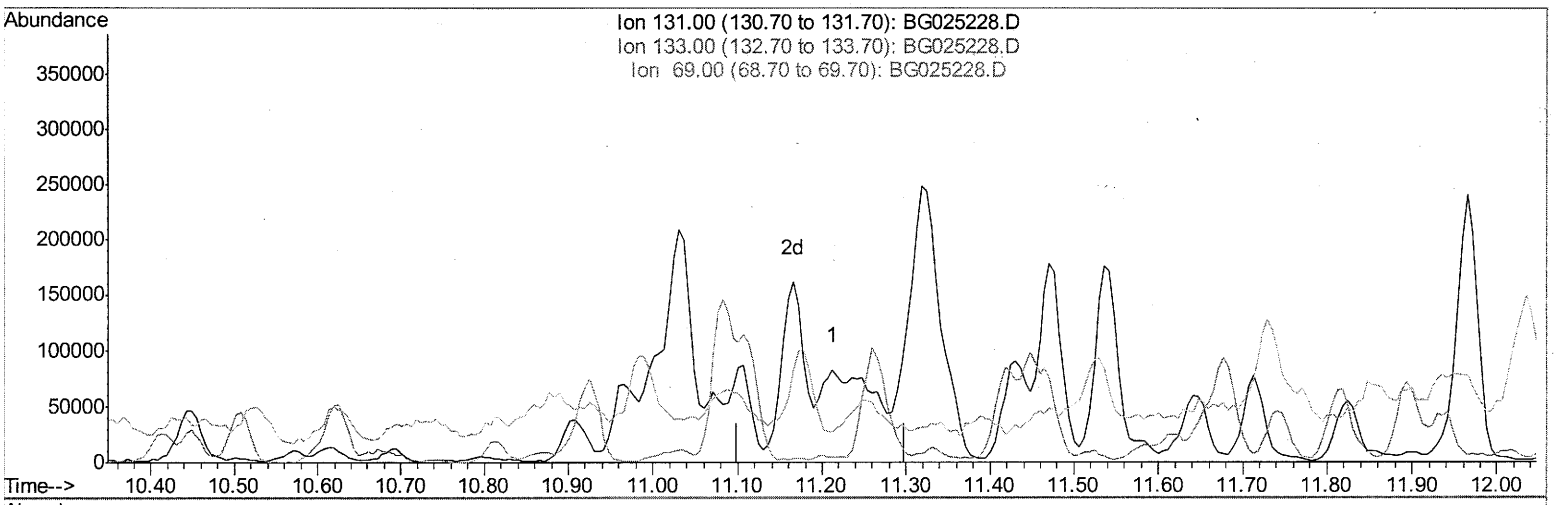
Quantitation Report (Qedit)

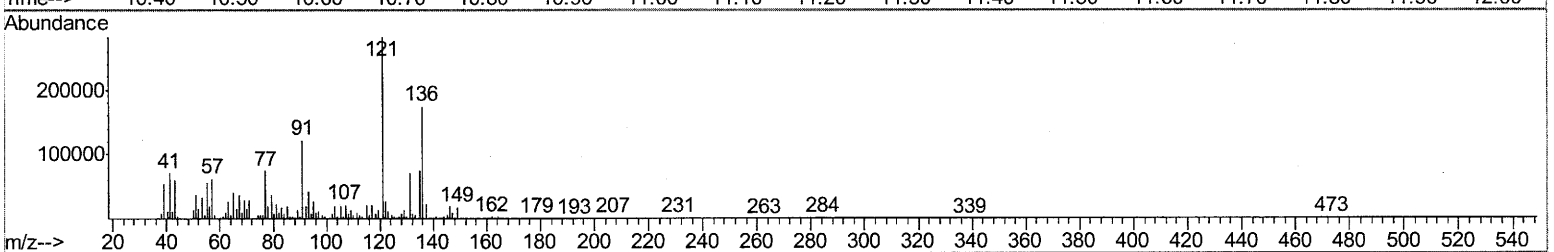
Data Path : Z:\HPCHEM1\BNA_G\Data\BG121516\
Data File : BG025228.D
Acq On : 16 Dec 2016 1:50
Operator : UM/SJ
Sample : H5995-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

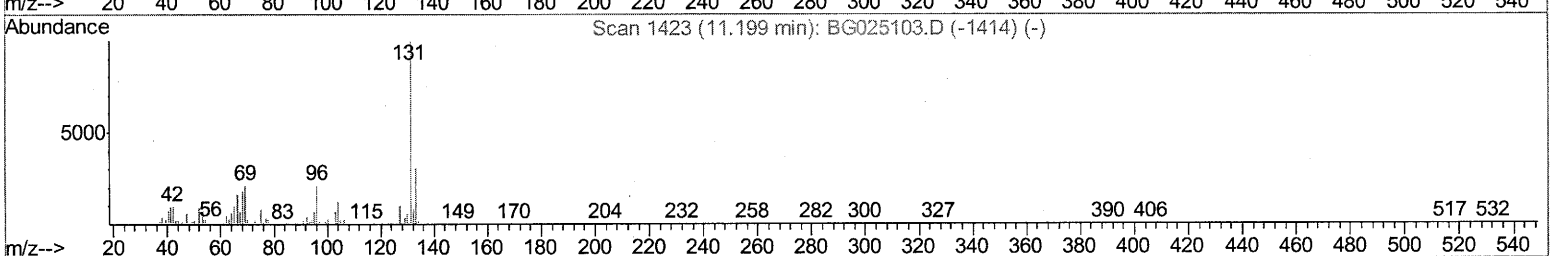
Quant Time: Dec 16 06:51:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA883

Manual Integrations APPROVED
UMANGI
12/16/2016 6:21:22 PM







TIC: BG025228.D

(29) 4-Chloroaniline-d4 (S)

11.199min (-11.199) 0.00ng/ul

response 0

Ion	Exp%	Act%
131.00	100	0.00
133.00	35.40	0.00
69.00	23.80	0.00
0.00	0.00	0.00

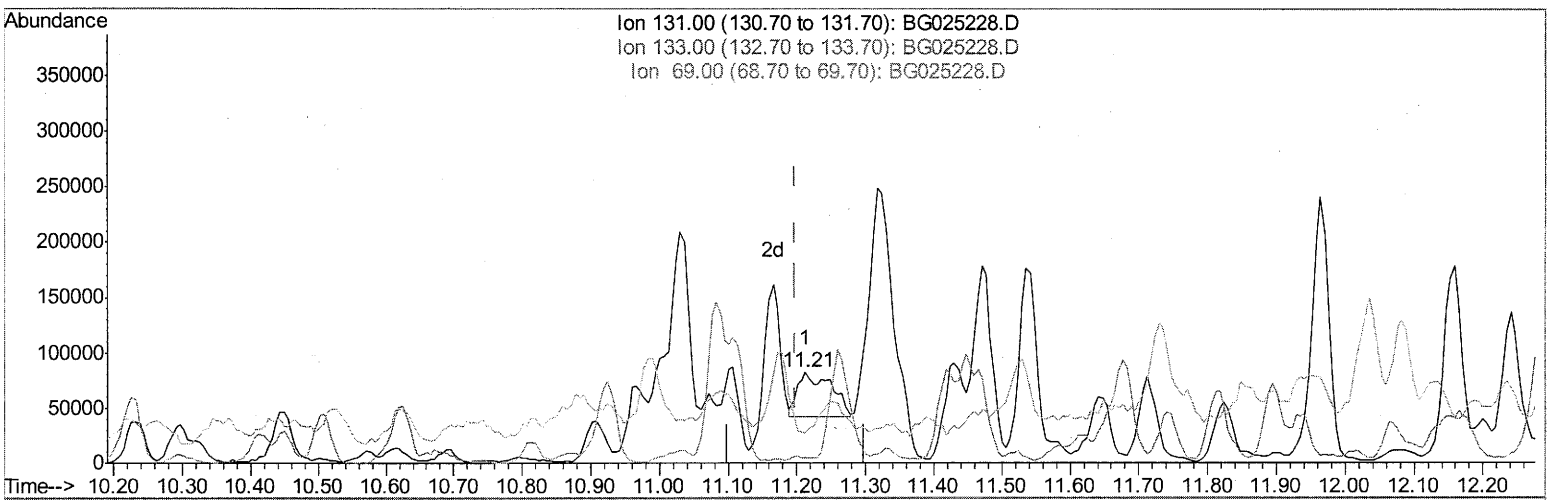
Quantitation Report (Qedit)

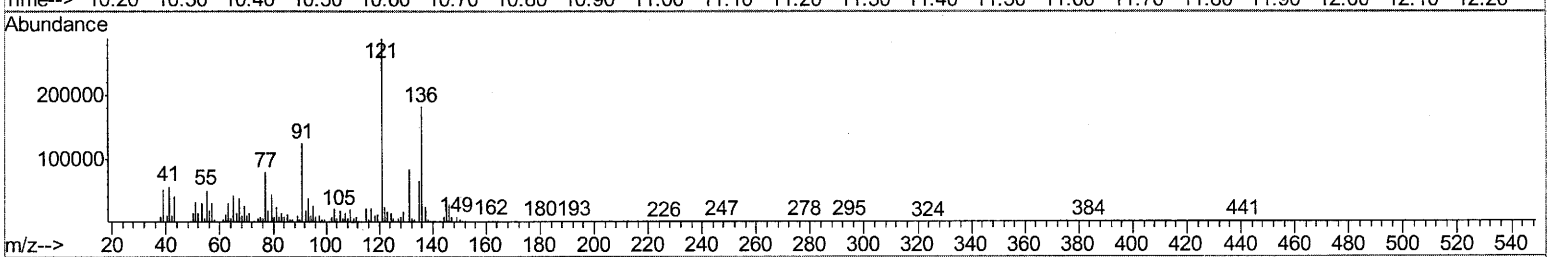
Data Path : Z:\HPCHEM1\BNA_G\Data\BG121516\
Data File : BG025228.D
Acq On : 16 Dec 2016 1:50
Operator : UM/SJ
Sample : H5995-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

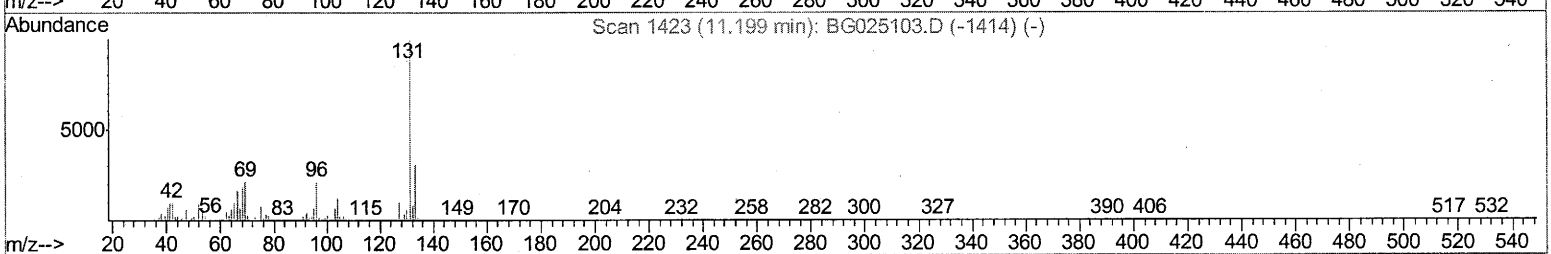
Quant Time: Dec 16 06:51:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA883

Manual Integrations APPROVED
UMANGI
12/16/2016 6:21:22 PM







TIC: BG025228.D

(29) 4-Chloroaniline-d4 (S)

11.213min (+0.013) 25.58ng/ul m

response 137781

Ion	Exp%	Act%
131.00	100	100
133.00	35.40	6.10#
69.00	23.80	32.54#
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121516\
Data File : BG025228.D
Acq On : 16 Dec 2016 1:50
Operator : UM/SJ
Sample : H5995-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA883

Manual Integrations APPROVED
UMANGI
12/16/2016 6:21:22 PM

Quant Time: Dec 16 14:04:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	78823	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	322791	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.87	164	286072	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.63	188	498804	20.00	ng/ul	0.03
75) Chrysene-d12	21.91	240	614863	20.00	ng/ul	0.02
83) Perylene-d12	25.35	264	602648	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	8576	5.62	ng/uL	0.00
5) Phenol-d5	7.39	99	97386	14.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	71702	17.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	72155	15.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	83929	14.77	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	46423	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	44443	15.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	81982	14.96	ng/ul	0.01
29) 4-Chloroaniline-d4	11.21	131	137781m	25.58	ng/ul	0.01
43) Dimethylphthalate-d6	14.27	166	295642	15.02	ng/ul	0.02
46) Acenaphthylene-d8	14.57	160	355040	16.47	ng/ul	0.02
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.87	176	450939m	24.35	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.72	188	425633	20.22	ng/ul	0.03
76) Pyrene-d10	19.99	212	449928	17.77	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.11	264	411195	16.84	ng/ul	0.04
Target Compounds						Qvalue
6) Phenol	7.42	94	290864	41.67	ng/ul	96
11) 2-Methylphenol	8.68	108	348640	67.84	ng/ul	91
16) 4-Methylphenol	9.02	108	910087	159.18	ng/ul	93
24) 2,4-Dimethylphenol	10.23	107	1527703	231.11	ng/ul	95
28) Naphthalene	11.12	128	1434072	95.57	ng/ul	95
34) 2-Methylnaphthalene	12.72	142	2963542	250.27	ng/ul	92
40) 1,1'-Biphenyl	13.70	154	561327	32.36	ng/ul	97
49) Acenaphthene	14.94	153	409568	28.53	ng/ul#	75
53) Dibenzofuran	15.27	168	759461	33.45	ng/ul#	75
58) Fluorene	15.92	166	1162720	62.90	ng/ul#	96
69) Phenanthrene	17.67	178	2164274	90.91	ng/ul#	88
74) Fluoranthene	19.66	202	373190	13.19	ng/ul#	94
77) Pyrene	20.02	202	555127	18.78	ng/ul#	96

} OM 12/16/16

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