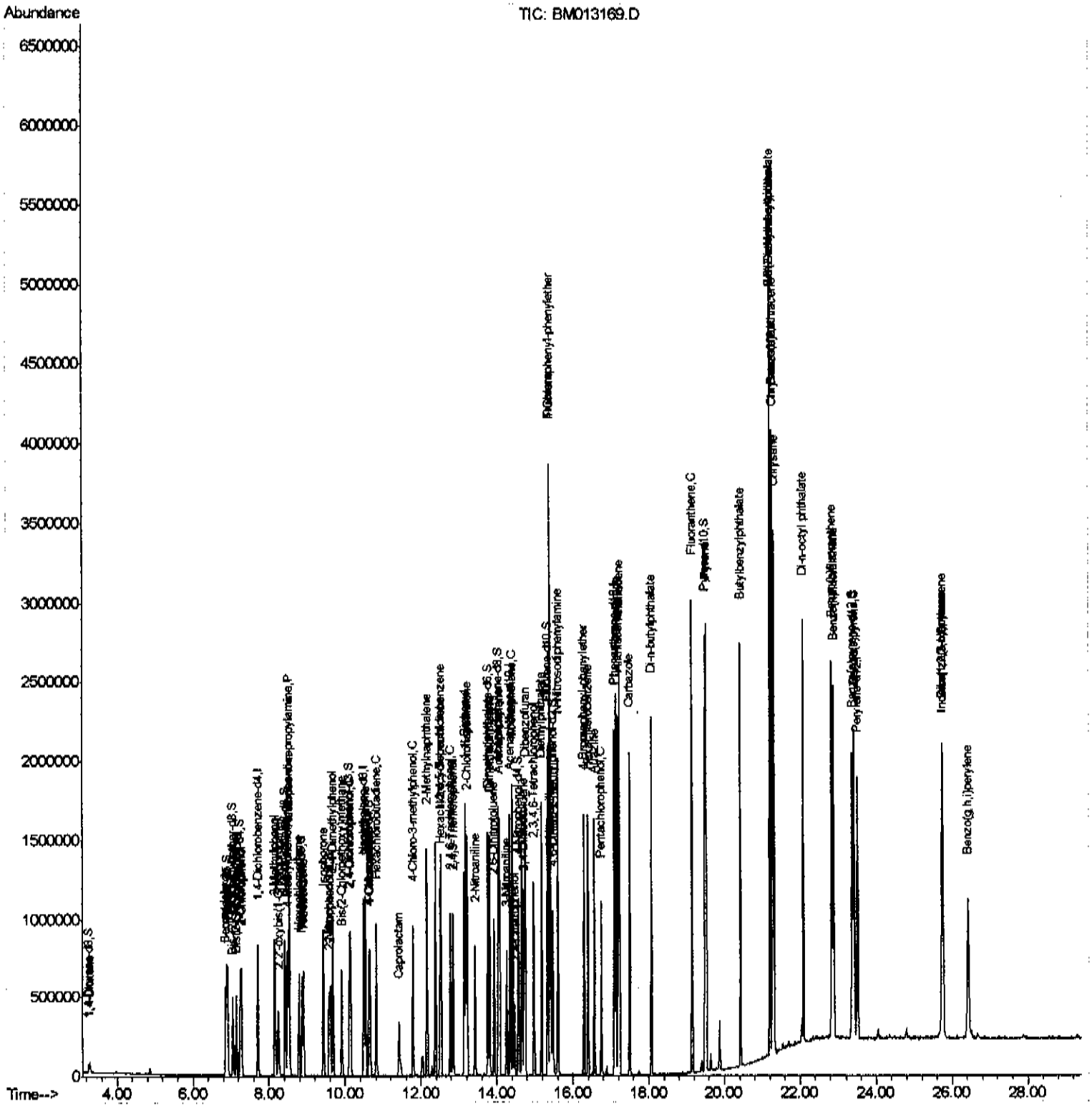
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013169.D
Acq On : 04 Dec 2017 16:37
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 04:50:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 04:17:47 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02012

Manual Integrations APPROVED
Sohil
12/5/2017 3:25:46 PM



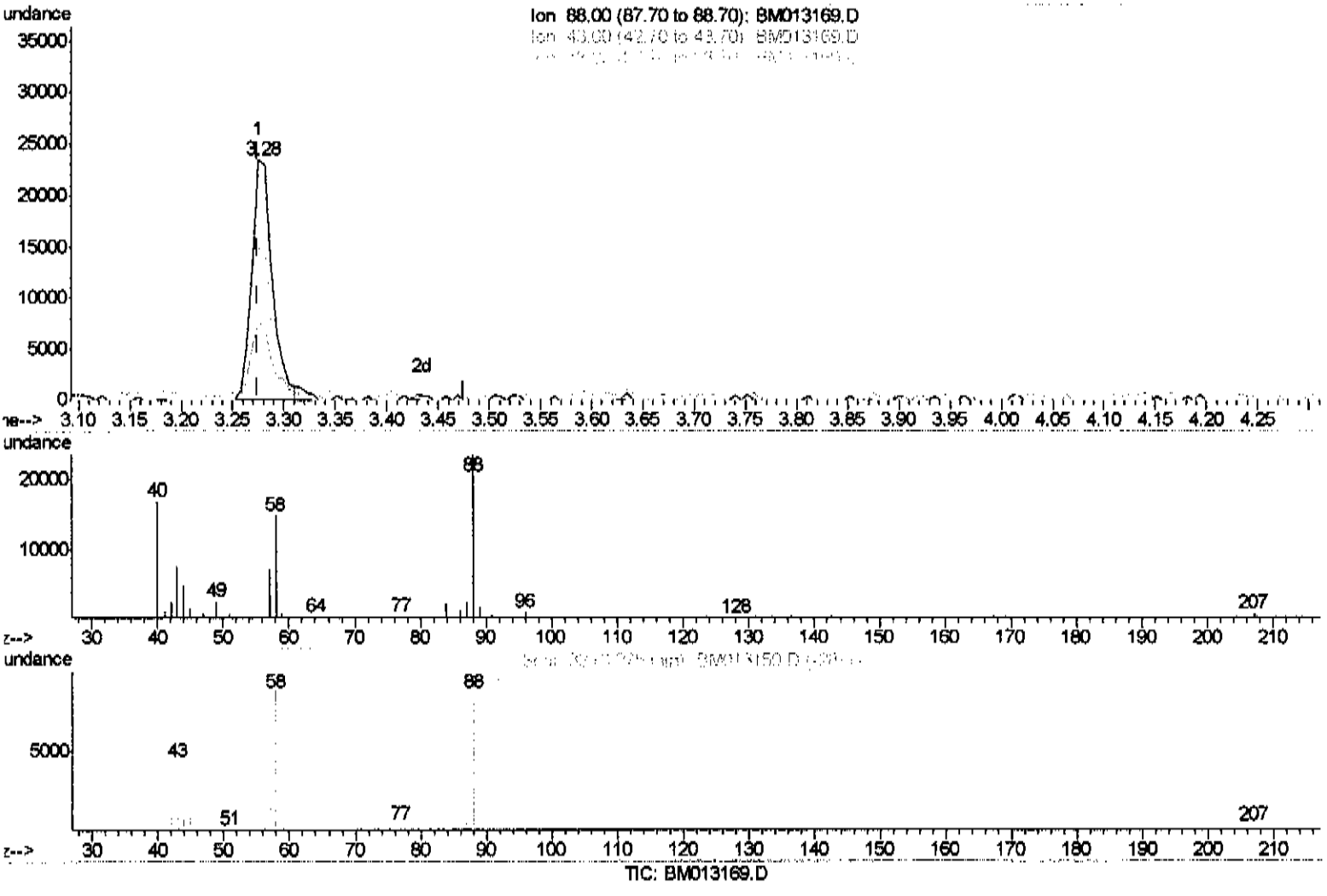
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013169.D
Acq On : 04 Dec 2017 16:37
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 04:22:20 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 04:17:47 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02012

Manual Integrations APPROVED
Sohil
12/5/2017 3:25:46 PM



(2) 1,4-Dioxane

3.275min (+0.000) 7.11ng/uL

response 33070

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	31.35#
58.00	100.00	64.77#
0.00	0.00	0.00

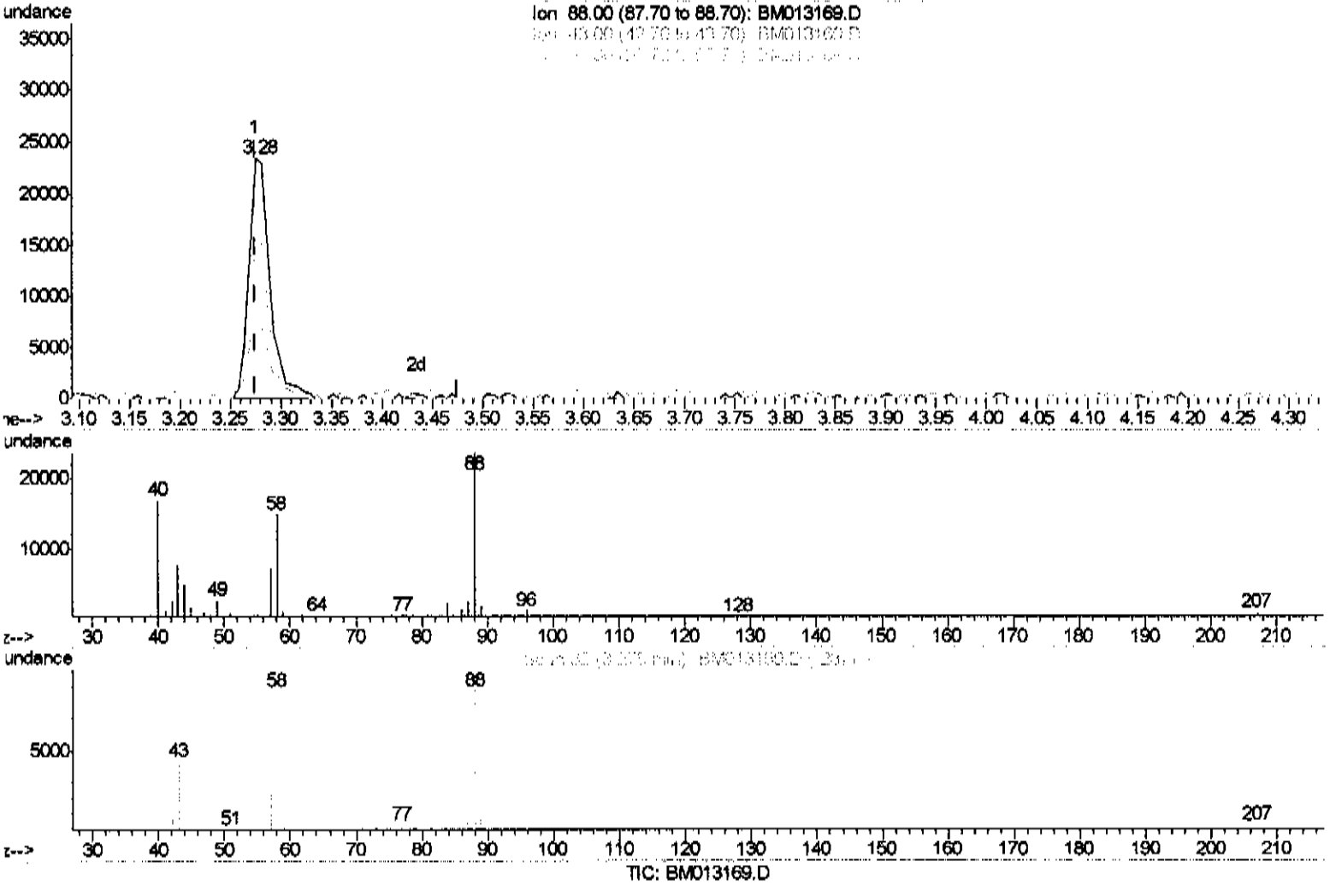
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013169.D
Acq On : 04 Dec 2017 16:37
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 04:22:20 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 04:17:47 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02012

Manual Integrations APPROVED
Sohil
12/5/2017 3:25:46 PM



(2) 1,4-Dioxane

3.275min (+0.000) 7.30ng/uL m SJ 12/05/17

response 33951

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	30.54#
58.00	100.00	63.09#
0.00	0.00	0.00

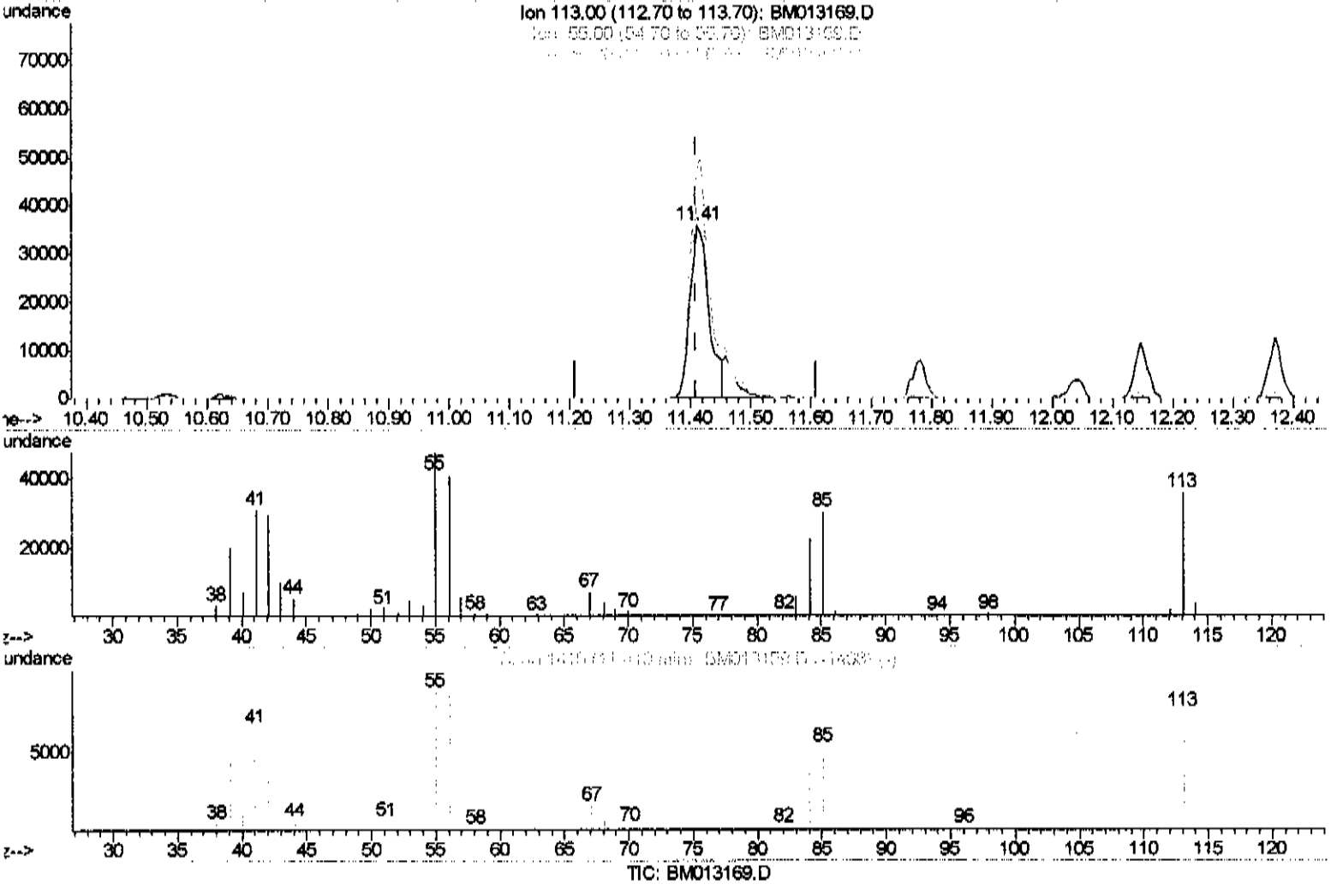
Quantitation Report (Qedit)

Instrument :
BNA_M
LabSampleId :
SSTD02012

Manual Integrations APPROVED
Sohil
12/5/2017 3:25:46 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013169.D
Acq On : 04 Dec 2017 16:37
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 04:50:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 04:17:47 2017
Response via : Initial Calibration



(32) Caprolactam

11.410min (+0.000) 16.94ng/ul

response 78556

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	131.80#
56.00	200.00	113.40#
0.00	0.00	0.00

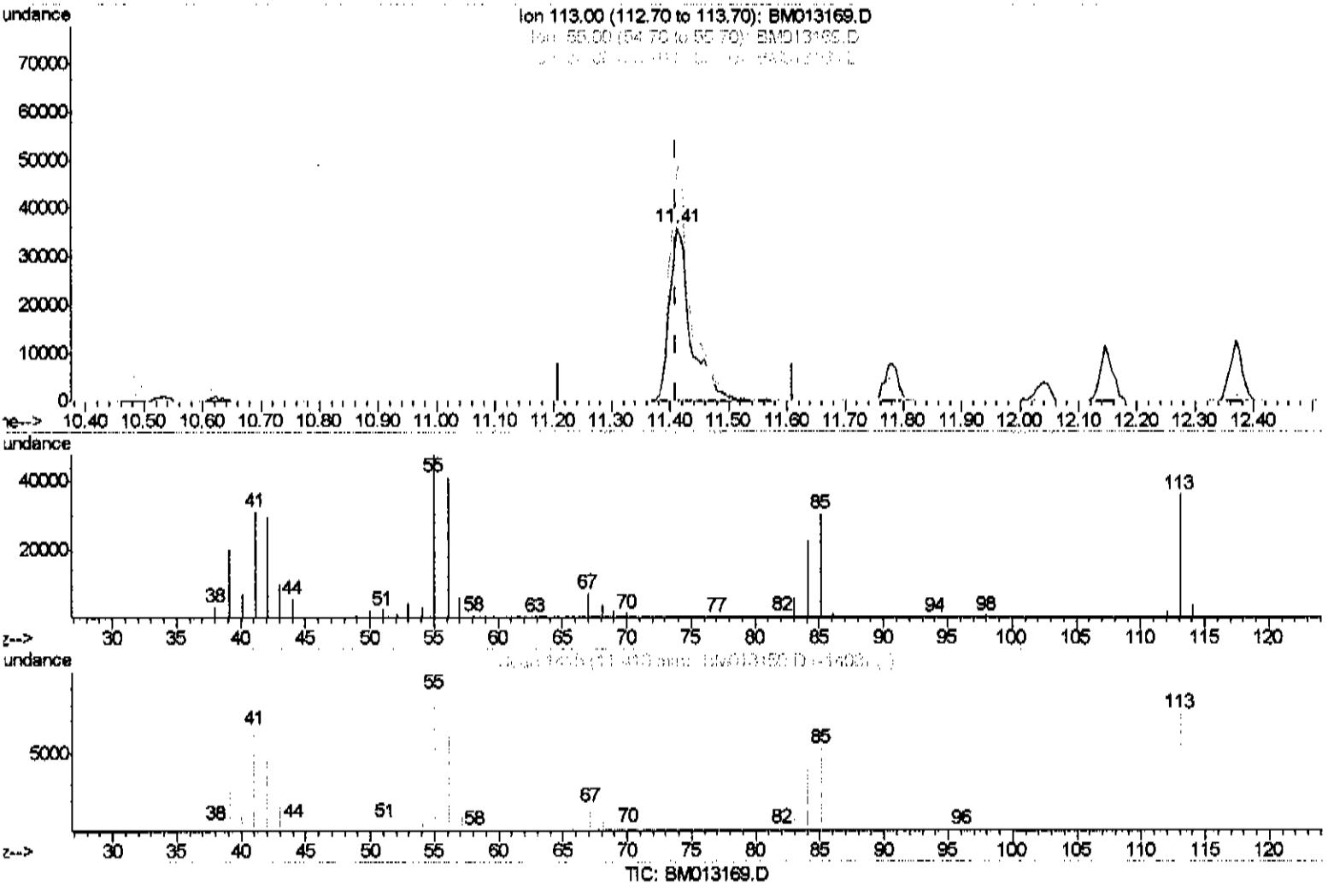
Quantitation Report (Qedit)

Instrument : BNA_M
LabSampleId : SSTD02012

Manual Integrations APPROVED
Sohil
12/5/2017 3:25:46 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013169.D
Acq On : 04 Dec 2017 16:37
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 04:50:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 04:17:47 2017
Response via : Initial Calibration



(32) Caprolactam

11.410min (+0.000) 19.47ng/ul m SJ 12/05/17

response 90285

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	131.80#
56.00	200.00	113.40#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_M
LabSampleId :
SSTD02012

Manual Integrations APPROVED
Sohil
12/5/2017 3:25:46 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013169.D
Acq On : 04 Dec 2017 16:37
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 04:50:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 04:17:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	205063	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	898270	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	544531	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1298316	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1407594	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1227881	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	29975	7.24	ng/uL	0.00
5) Phenol-d5	6.88	99	347431	19.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	199813	19.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	273518	19.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	290401	19.16	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	139125	19.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	144840	19.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	306919	19.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	335669	23.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	934148	19.28	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1175302	19.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	157752	18.74	ng/ul	0.00
57) Fluorene-d10	15.34	176	797212	19.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	145448	17.81	ng/ul	0.00
70) Anthracene-d10	17.19	188	1273666	19.59	ng/ul	0.00
76) Pyrene-d10	19.48	212	1440366	20.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1228479	19.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	33951m	7.30	ng/uL	
4) Benzaldehyde	6.85	77	180678	20.58	ng/ul	88
6) Phenol	6.91	94	338230	19.28	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.13	93	261889	19.53	ng/ul	98
10) 2-Chlorophenol	7.27	128	270828	19.92	ng/ul	98
11) 2-Methylphenol	8.15	108	256764	18.93	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.23	45	278466	19.78	ng/ul#	84
14) Acetophenone	8.52	105	444288	19.27	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.51	70	221896	19.11	ng/ul#	68
16) 4-Methylphenol	8.47	108	283847	19.57	ng/ul	96
17) Hexachloroethane	8.77	117	118095	19.95	ng/ul#	77
20) Nitrobenzene	8.90	77	344958	19.22	ng/ul	95
21) Isophorone	9.42	82	626222	19.83	ng/ul	95
23) 2-Nitrophenol	9.60	139	151681	19.19	ng/ul#	76
24) 2,4-Dimethylphenol	9.67	107	336433	19.52	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.90	93	364772	19.74	ng/ul	94
27) 2,4-Dichlorophenol	10.13	162	277002	19.09	ng/ul	92
28) Naphthalene	10.53	128	902187	19.52	ng/ul	98
30) 4-Chloroaniline	10.65	127	331080	23.68	ng/ul	93
31) Hexachlorobutadiene	10.82	225	196978	18.74	ng/ul	96
32) Caprolactam	11.41	113	90285m	19.47	ng/ul	
33) 4-Chloro-3-methylphenol	11.78	107	303966	19.09	ng/ul	96
34) 2-Methylnaphthalene	12.15	142	668517	19.24	ng/ul	95

SJ 12/05/17

SJ 12/05/17

Quantitation Report (QT Reviewed)

Instrument : BNA_M
LabSampleId : SSTD02012

Manual Integrations APPROVED
Sohil
12/5/2017 3:25:46 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013169.D
Acq On : 04 Dec 2017 16:37
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 04:50:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 04:17:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	377004	19.19 ng/ul#	97
37) Hexachlorocyclopentadiene	12.50	237	239197	18.50 ng/ul	95
38) 2,4,6-Trichlorophenol	12.77	196	239345	19.54 ng/ul	100
39) 2,4,5-Trichlorophenol	12.84	196	256748	19.73 ng/ul	98
40) 1,1'-Biphenyl	13.17	154	887357	19.28 ng/ul	98
41) 2-Chloronaphthalene	13.21	162	699588	19.38 ng/ul	98
42) 2-Nitroaniline	13.42	65	206063	19.48 ng/ul	96
44) Dimethylphthalate	13.80	163	897574	19.37 ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	184281	19.50 ng/ul#	92
47) Acenaphthylene	14.06	152	1072058	19.37 ng/ul	99
48) 3-Nitroaniline	14.25	138	174385	20.64 ng/ul	88
49) Acenaphthene	14.40	153	736606	19.54 ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	87100	16.65 ng/ul	89
52) 4-Nitrophenol	14.57	109	152780	18.50 ng/ul#	78
53) Dibenzofuran	14.75	168	1062192	19.09 ng/ul	98
54) 2,4-Dinitrotoluene	14.71	165	266552	19.39 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.97	232	230744	19.34 ng/ul	96
56) Diethylphthalate	15.17	149	900788	19.38 ng/ul	94
58) Fluorene	15.39	166	876231	19.03 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	461166	18.46 ng/ul	99
60) 4-Nitroaniline	15.42	138	190676	19.13 ng/ul#	95
63) 4,6-Dinitro-2-methylphenol	15.47	198	147840	18.11 ng/ul	94
64) N-Nitrosodiphenylamine	15.61	169	758945	19.84 ng/ul	94
65) 4-Bromophenyl-phenylether	16.29	248	299359	19.61 ng/ul	95
66) Hexachlorobenzene	16.39	284	323426	19.22 ng/ul#	91
67) Atrazine	16.56	200	295757	20.95 ng/ul	93
68) Pentachlorophenol	16.74	266	179043	18.39 ng/ul	93
69) Phenanthrene	17.13	178	1437371	19.49 ng/ul	98
71) Anthracene	17.22	178	1462827	19.40 ng/ul	99
72) Carbazole	17.49	167	1264726	19.50 ng/ul	98
73) Di-n-butylphthalate	18.06	149	1516451	20.03 ng/ul	98
74) Fluoranthene	19.14	202	1765976	19.54 ng/ul#	93
77) Pyrene	19.51	202	1742745	20.38 ng/ul#	91
78) Butylbenzylphthalate	20.42	149	705060	21.10 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.20	252	590368	19.95 ng/ul#	93
80) Benzo(a)anthracene	21.26	228	1738171	19.46 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	1053380	20.92 ng/ul#	98
82) Chrysene	21.31	228	1601246	19.33 ng/ul	99
84) Di-n-octyl phthalate	22.07	149	1712717	19.62 ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	1604382	19.38 ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	1558105	20.00 ng/ul#	97
88) Benzo(a)pyrene	23.40	252	1461845	19.66 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.73	276	1422193	19.28 ng/ul#	96
90) Dibenzo(a,h)anthracene	25.74	278	1205889	19.20 ng/ul#	95
91) Benzo(g,h,i)perylene	26.41	276	1127361	19.37 ng/ul#	95

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