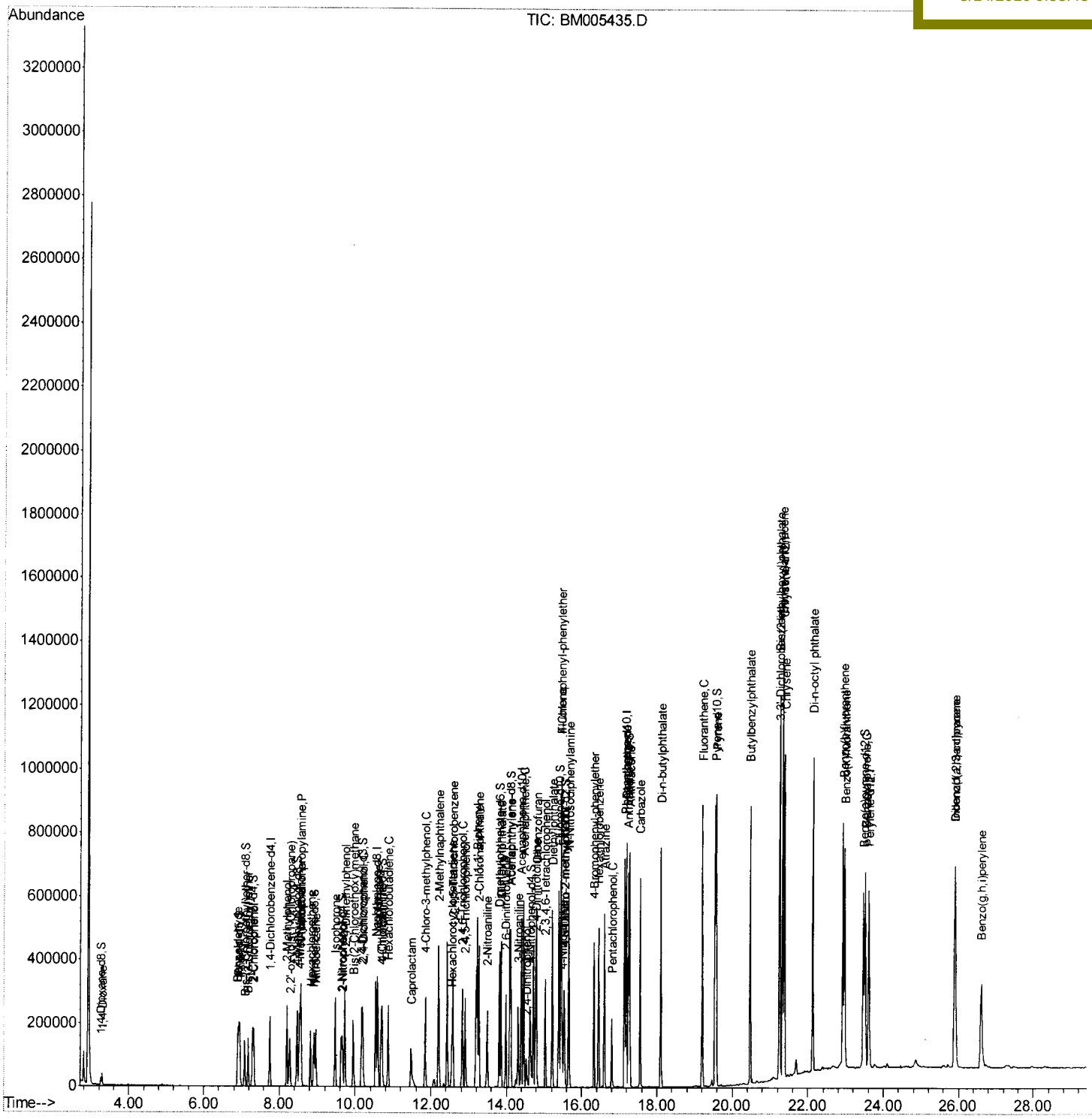
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005435.D
Acq On : 13 May 2016 17:05
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 14 00:47:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02034

Manual Integrations APPROVED
sohil
5/14/2016 9:58:48 AM



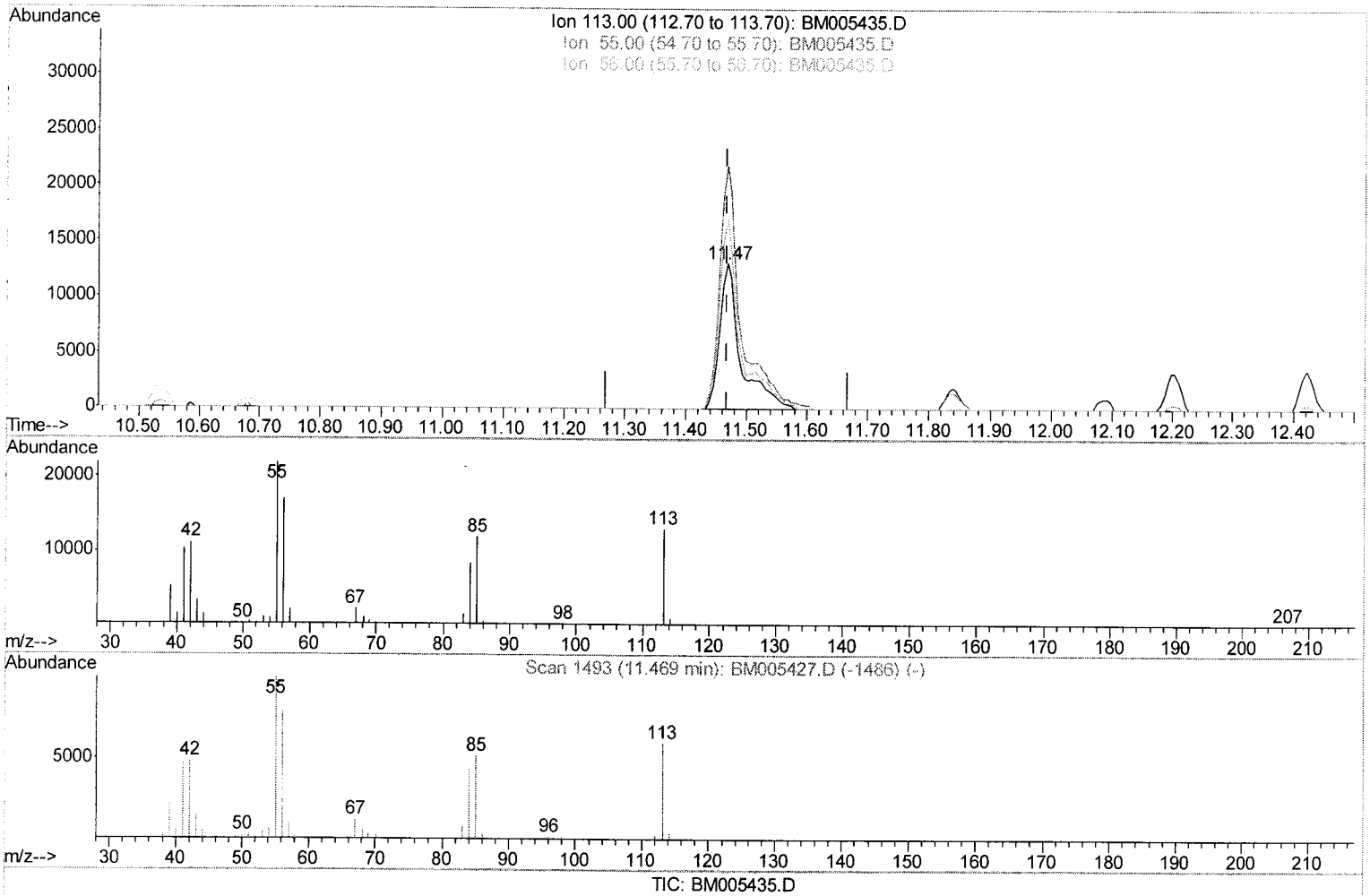
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005435.D
Acq On : 13 May 2016 17:05
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 14 00:21:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02034

Manual Integrations APPROVED
sohil
5/14/2016 9:58:48 AM



TIC: BM005435.D

(32) Caprolactam

11.469min (+0.000) 20.08ng/ul m U.M 05/17/16

response 31987

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	167.14
56.00	120.80	130.40
0.00	0.00	0.00

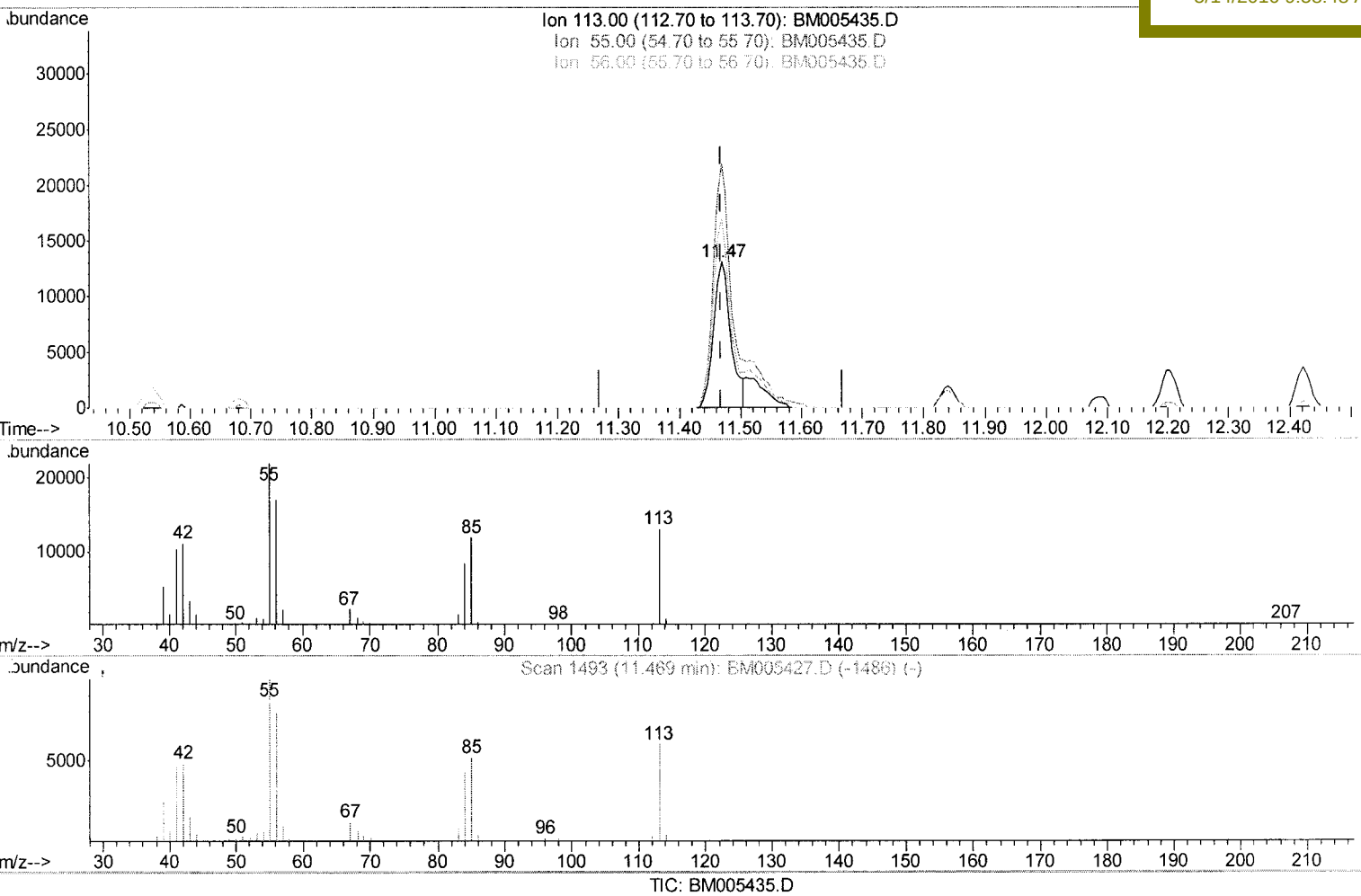
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005435.D
Acq On : 13 May 2016 17:05
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 14 00:21:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02034

Manual Integrations APPROVED
sohil
5/14/2016 9:58:48 AM



TIC: BM005435.D

(32) Caprolactam

11.469min (+0.000) 16.17ng/ul

response 25766

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	167.14
56.00	120.80	130.40
0.00	0.00	0.00

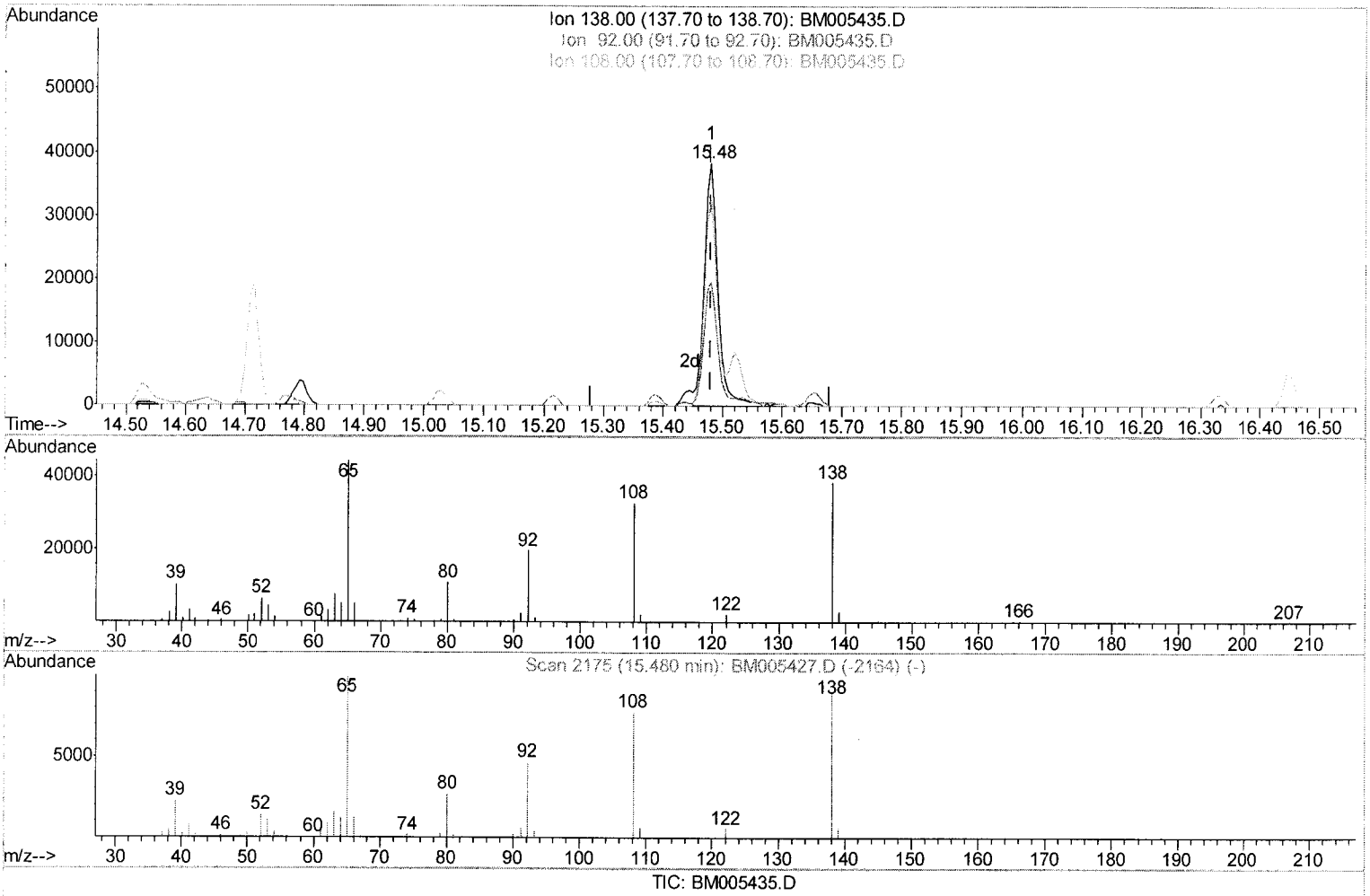
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005435.D
Acq On : 13 May 2016 17:05
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 14 00:21:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02034

Manual Integrations APPROVED
sohil
5/14/2016 9:58:48 AM



TIC: BM005435.D

(60) 4-Nitroaniline

15.480min (+0.000) 21.00ng/ul m U.M

05/17/16

response 65233

Ion	Exp%	Act%
138.00	100	100
92.00	55.40	51.50
108.00	82.90	85.22
0.00	0.00	0.00

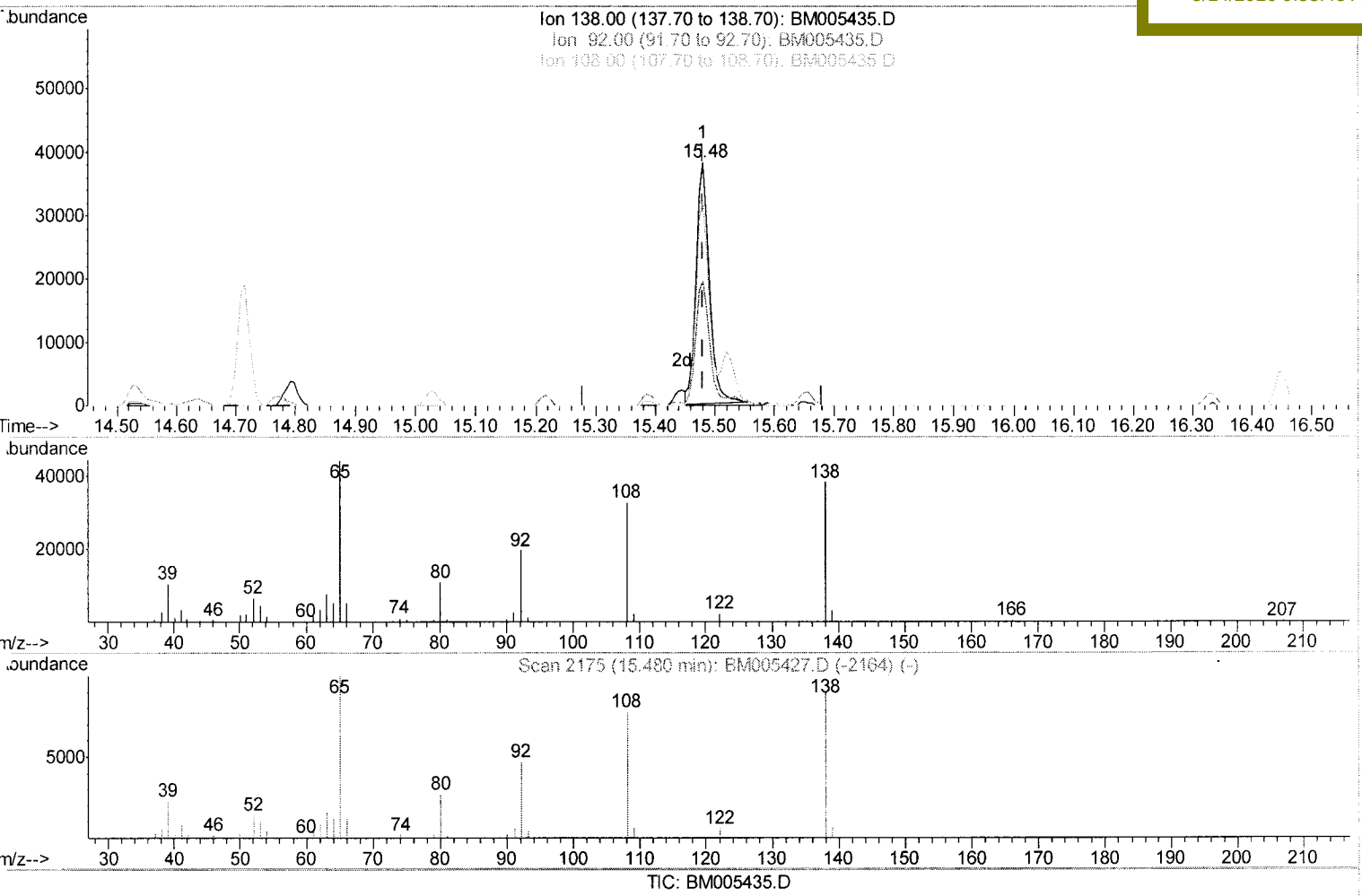
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005435.D
Acq On : 13 May 2016 17:05
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 14 00:21:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02034

Manual Integrations APPROVED
sohil
5/14/2016 9:58:48 AM



TIC: BM005435.D

(60) 4-Nitroaniline

15.480min (+0.000) 19.11ng/ul

response 59387

Ion	Exp%	Act%
138.00	100	100
92.00	55.40	51.50
108.00	82.90	85.22
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005435.D
Acq On : 13 May 2016 17:05
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 14 00:47:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02034

Manual Integrations APPROVED
sohil
5/14/2016 9:58:48 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	112506	21.24	ng/ul	98
37) Hexachlorocyclopentadiene	12.55	237	42927	15.87	ng/ul	98
38) 2,4,6-Trichlorophenol	12.82	196	74688	21.17	ng/ul	95
39) 2,4,5-Trichlorophenol	12.90	196	82983	21.20	ng/ul	97
40) 1,1'-Biphenyl	13.22	154	285955	20.73	ng/ul	99
41) 2-Chloronaphthalene	13.26	162	216607	20.77	ng/ul	99
42) 2-Nitroaniline	13.48	65	70564	21.98	ng/ul	95
44) Dimethylphthalate	13.85	163	289065	20.73	ng/ul	100
45) 2,6-Dinitrotoluene	13.98	165	59180	21.52	ng/ul#	88
47) Acenaphthylene	14.12	152	360748	20.83	ng/ul	100
48) 3-Nitroaniline	14.31	138	63989	21.83	ng/ul	93
49) Acenaphthene	14.46	153	236335	20.71	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	23933	15.13	ng/ul	99
52) 4-Nitrophenol	14.63	109	39795	18.79	ng/ul	97
53) Dibenzofuran	14.79	168	342310	20.67	ng/ul	100
54) 2,4-Dinitrotoluene	14.77	165	88569	21.60	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.03	232	67080	20.16	ng/ul#	96
56) Diethylphthalate	15.22	149	296405	21.04	ng/ul	99
58) Fluorene	15.44	166	274397	21.20	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.44	204	138348	21.57	ng/ul	98
60) 4-Nitroaniline	15.48	138	65233m	21.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.54	198	48563	19.69	ng/ul#	93
64) N-Nitrosodiphenylamine	15.66	169	242600	21.23	ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	88368	22.09	ng/ul	96
66) Hexachlorobenzene	16.45	284	98745	22.00	ng/ul	96
67) Atrazine	16.60	200	96006	23.02	ng/ul	100
68) Pentachlorophenol	16.80	266	43436	17.42	ng/ul	99
69) Phenanthrene	17.19	178	461069	21.01	ng/ul	99
71) Anthracene	17.27	178	464292	21.22	ng/ul	99
72) Carbazole	17.55	167	433371	22.52	ng/ul	99
73) Di-n-butylphthalate	18.10	149	520162	22.16	ng/ul	100
74) Fluoranthene	19.21	202	566127	23.29	ng/ul	96
77) Pyrene	19.57	202	576547	21.15	ng/ul	97
78) Butylbenzylphthalate	20.47	149	253618	22.41	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.26	252	187330	22.17	ng/ul	98
80) Benzo(a)anthracene	21.33	228	565341	20.91	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.24	149	359721	22.88	ng/ul#	97
82) Chrysene	21.38	228	537694	20.96	ng/ul	100
84) Di-n-octyl phthalate	22.13	149	619924	25.55	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	533943	21.99	ng/ul	98
86) Benzo(k)fluoranthene	22.97	252	498813	21.82	ng/ul	99
88) Benzo(a)pyrene	23.51	252	487738	21.24	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.90	276	447971	17.88	ng/ul	97
90) Dibenzo(a,h)anthracene	25.91	278	376136	17.94	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	363228	17.12	ng/ul	98

U.M 05/17/16

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005435.D
Acq On : 13 May 2016 17:05
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 14 00:47:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02034

Manual Integrations APPROVED
sohil
5/14/2016 9:58:48 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	59500	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	277888	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	174095	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	417314	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	470014	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	415334	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	10424	8.24	ng/uL	0.00
5) Phenol-d5	6.93	99	108211	20.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	63812	20.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	83431	20.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	87757	19.67	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	41680	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	48702	21.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	88800	21.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	113736	22.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	291682	20.90	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	342929	20.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	45520	17.87	ng/ul	0.00
57) Fluorene-d10	15.39	176	247746	20.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	46141	19.66	ng/ul	0.00
70) Anthracene-d10	17.24	188	392585	21.28	ng/ul	0.00
76) Pyrene-d10	19.54	212	457296	21.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	390208	21.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	18702	8.11	ng/uL#	93
4) Benzaldehyde	6.90	77	68199	26.08	ng/ul	97
6) Phenol	6.96	94	113435	20.34	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	85379	20.33	ng/ul	97
10) 2-Chlorophenol	7.32	128	85207	20.44	ng/ul	98
11) 2-Methylphenol	8.20	108	85497	19.83	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.28	45	120976	21.24	ng/ul	98
14) Acetophenone	8.57	105	139141	21.06	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	71706	20.77	ng/ul	100
16) 4-Methylphenol	8.53	108	93794	19.61	ng/ul	100
17) Hexachloroethane	8.82	117	32996	21.03	ng/ul	94
20) Nitrobenzene	8.95	77	104295	21.00	ng/ul	96
21) Isophorone	9.47	82	201145	20.86	ng/ul	99
23) 2-Nitrophenol	9.66	139	51674	21.35	ng/ul	96
24) 2,4-Dimethylphenol	9.72	107	106957	20.83	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.95	93	120688	20.09	ng/ul	98
27) 2,4-Dichlorophenol	10.19	162	88930	20.80	ng/ul	100
28) Naphthalene	10.59	128	287252	20.54	ng/ul	99
30) 4-Chloroaniline	10.70	127	113782	22.20	ng/ul	99
31) Hexachlorobutadiene	10.86	225	56755	22.33	ng/ul	98
32) Caprolactam	11.47	113	31987m	20.08	ng/ul	
33) 4-Chloro-3-methylphenol	11.84	107	107902	21.05	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	215843	20.64	ng/ul	98

U.M 05/17/16