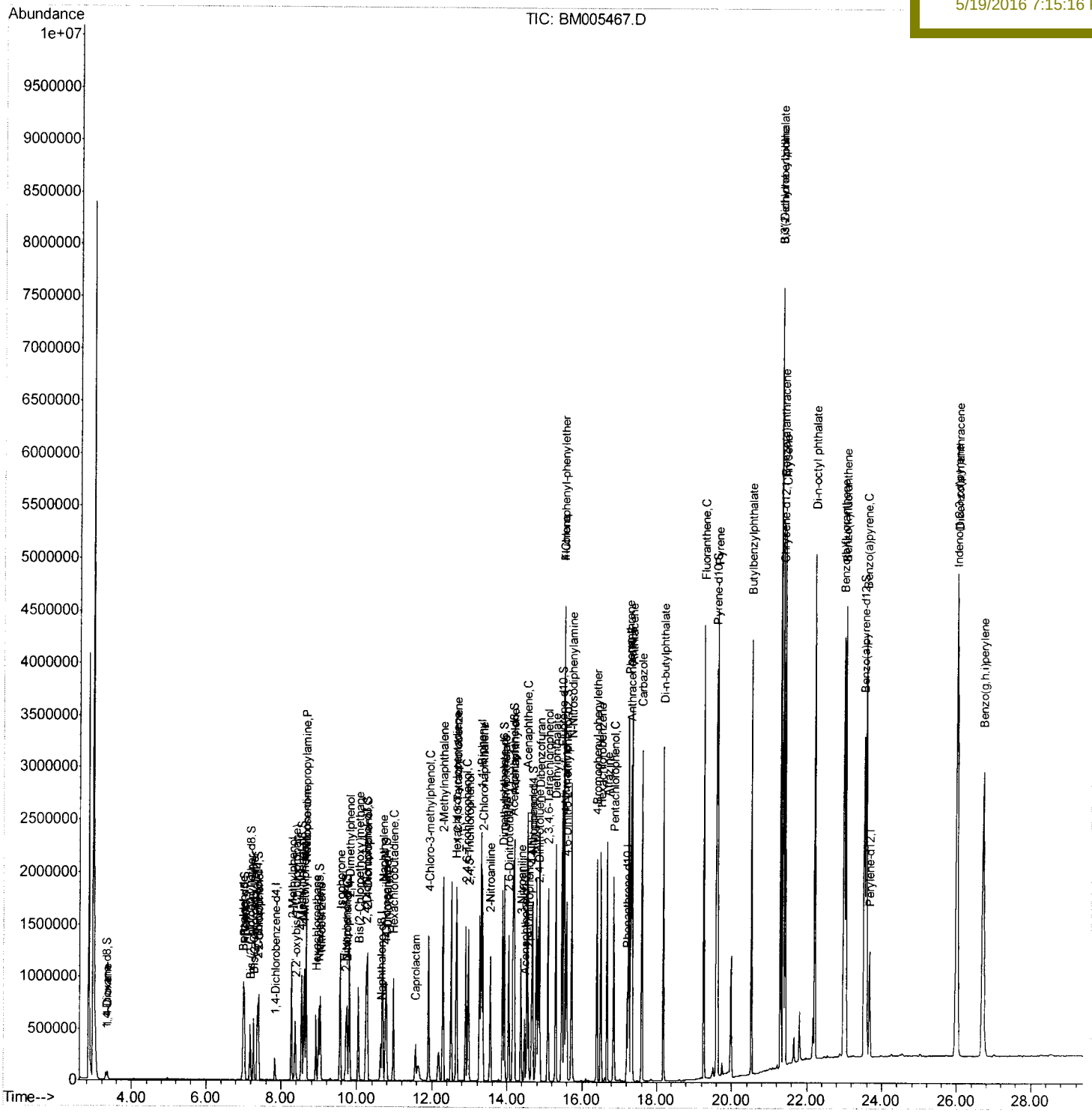
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051816\
Data File : BM005467.D
Acq On : 18 May 2016 12:31
Operator : UM/SJ
Sample : SSTD08042
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 13:11:21 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 11:54:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08042

Manual Integrations APPROVED
umangi
5/19/2016 7:15:16 PM



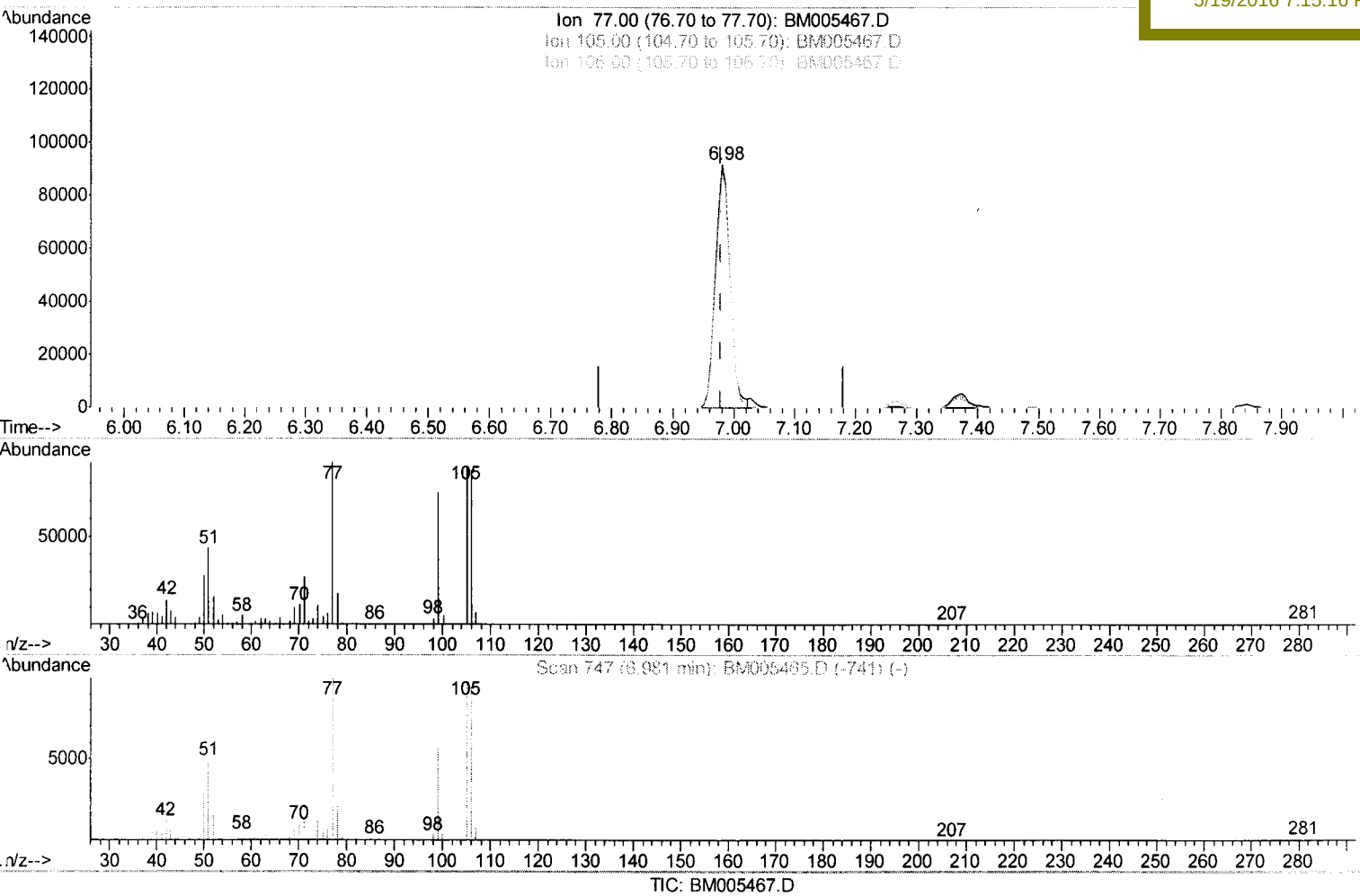
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051816\
Data File : BM005467.D
Acq On : 18 May 2016 12:31
Operator : UM/SJ
Sample : SSTD08042
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 13:05:39 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 11:54:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08042

Manual Integrations APPROVED
umangi
5/19/2016 7:15:16 PM



TIC: BM005467.D

(4) Benzaldehyde

6.981min (-0.000) 61.97ng/ul

response 152362

Ion	Exp%	Act%
77.00	100	100
105.00	97.00	96.87
106.00	97.40	95.54
0.00	0.00	0.00

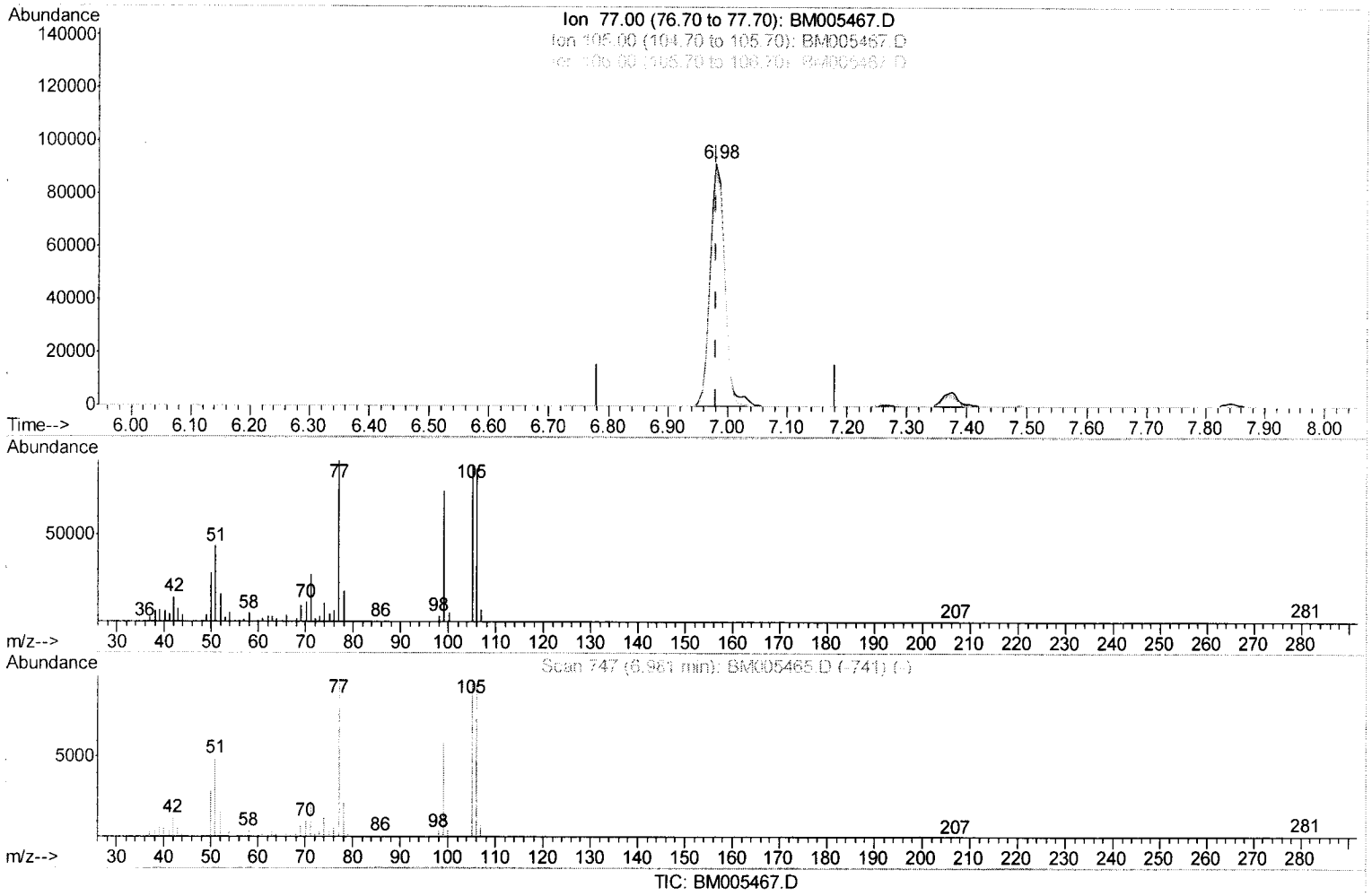
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051816\
Data File : BM005467.D
Acq On : 18 May 2016 12:31
Operator : UM/SJ
Sample : SSTD08042
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 13:05:39 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 11:54:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08042

Manual Integrations APPROVED
umangi
5/19/2016 7:15:16 PM



TIC: BM005467.D

(4) Benzaldehyde

6.981min (-0.000) 63.26ng/ul m

response 155523

> U.M 05/20/16

Ion	Exp%	Act%
77.00	100	100
105.00	97.00	96.87
106.00	97.40	95.54
0.00	0.00	0.00

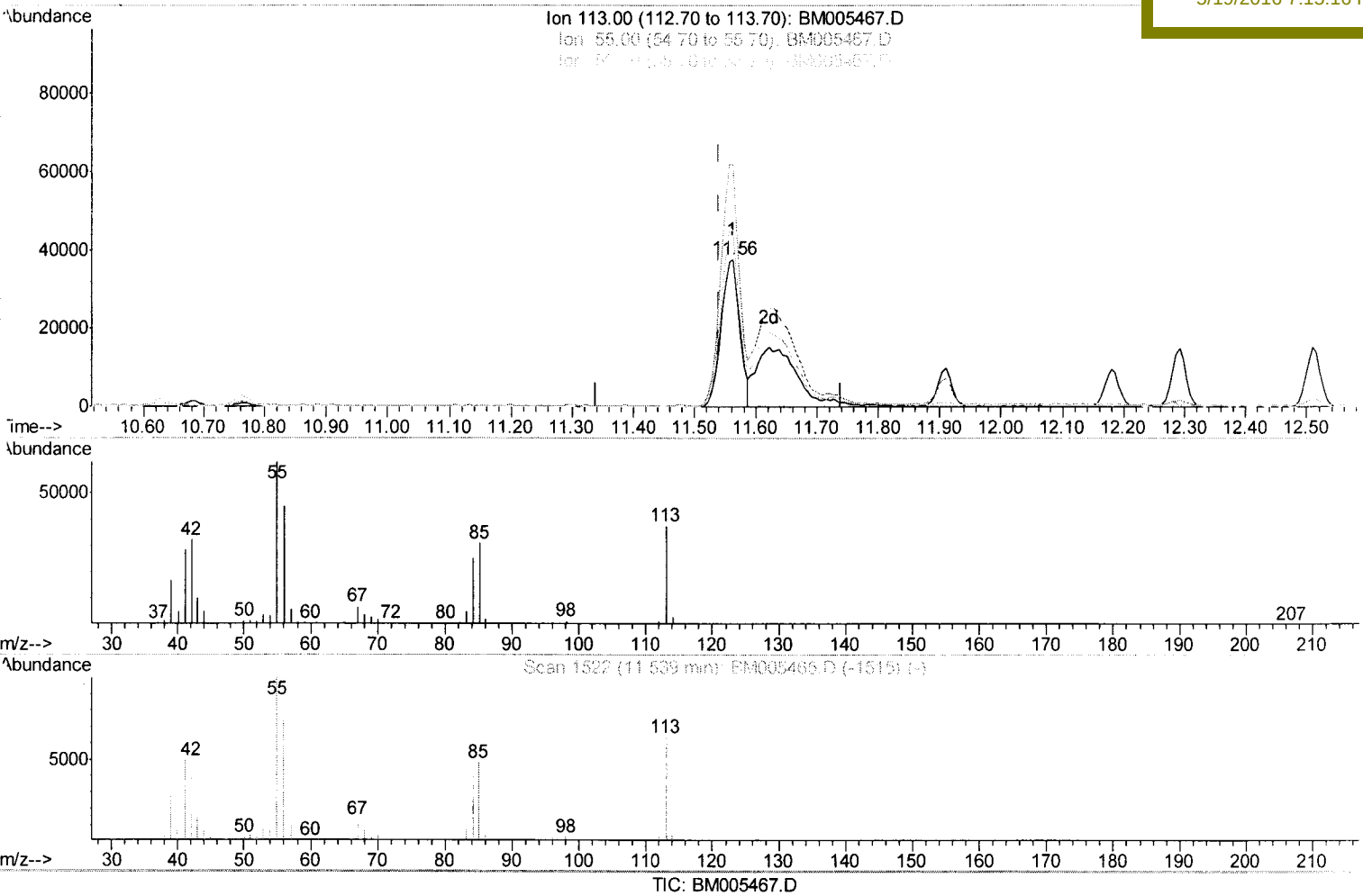
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051816\
Data File : BM005467.D
Acq On : 18 May 2016 12:31
Operator : UM/SJ
Sample : SSTD08042
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 13:05:39 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 11:54:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08042

Manual Integrations APPROVED
umangi
5/19/2016 7:15:16 PM



TIC: BM005467.D

(32) Caprolactam

11.563min (+0.023) 44.85ng/ul

response 78572

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	164.37
56.00	120.80	119.23
0.00	0.00	0.00

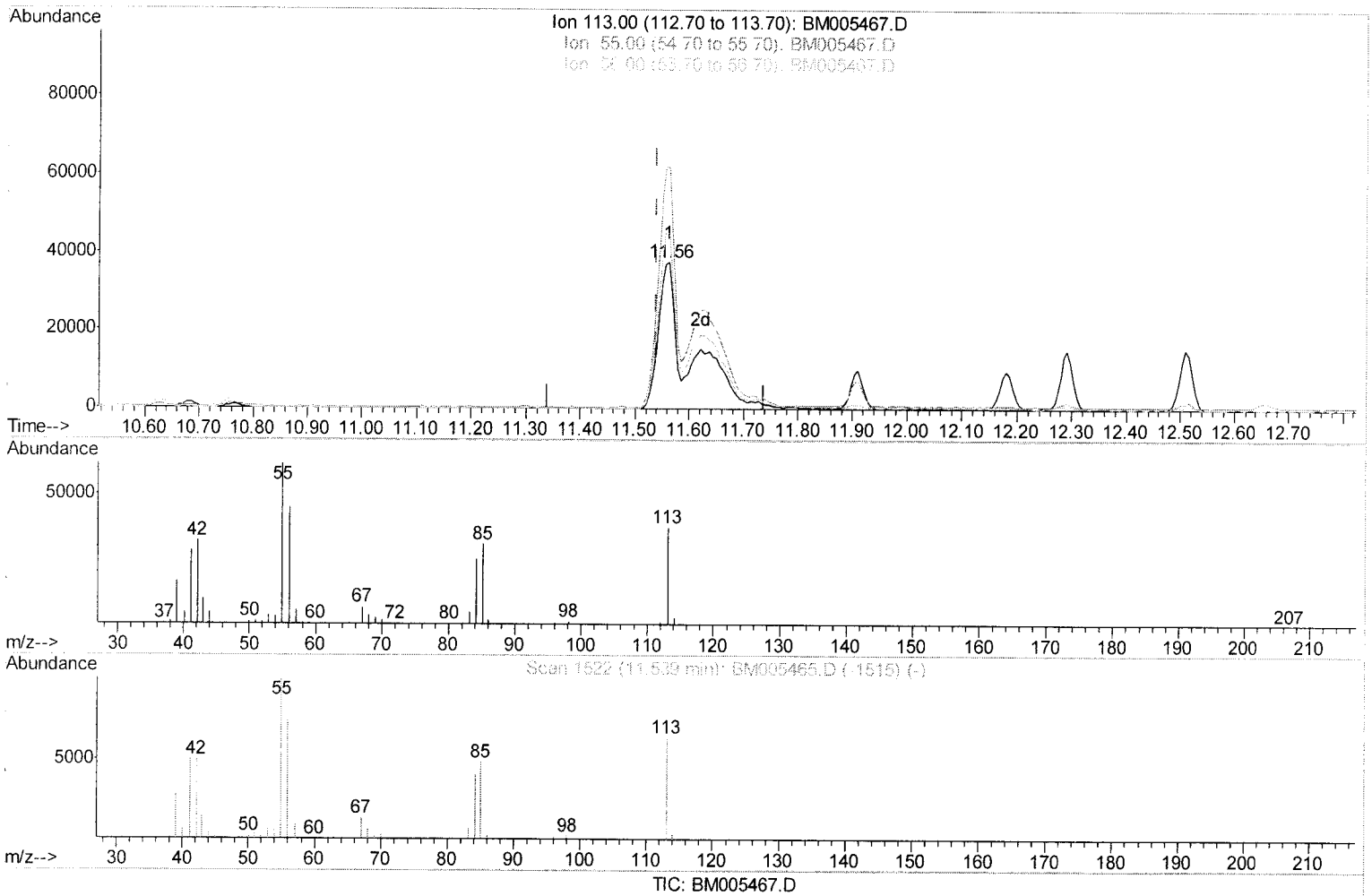
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051816\
Data File : BM005467.D
Acq On : 18 May 2016 12:31
Operator : UM/SJ
Sample : SSTD08042
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 13:05:39 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 11:54:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08042

Manual Integrations APPROVED
umangi
5/19/2016 7:15:16 PM



(32) Caprolactam

11.563min (+0.023) 86.97ng/ul m > L.M 05/20/16

response 152369

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	164.37
56.00	120.80	119.23
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051816\
Data File : BM005467.D
Acq On : 18 May 2016 12:31
Operator : UM/SJ
Sample : SSTD08042
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 13:11:21 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 11:54:13 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD08042

Manual Integrations APPROVED
umangi
5/19/2016 7:15:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	55950	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	305626	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	202037	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	515703	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	630021	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	754832	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	39199	32.94	ng/uL	0.00
5) Phenol-d5	7.00	99	462963	91.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	241050	83.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	350461	91.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	391523	93.35	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	182516	83.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	203664	82.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	401045	87.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	392659	71.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1296732	80.07	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1573235	82.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	284507	96.24	ng/ul	0.01
57) Fluorene-d10	15.46	176	1102845	78.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	242005	83.42	ng/ul	0.01
70) Anthracene-d10	17.31	188	1796595	78.81	ng/ul	0.00
76) Pyrene-d10	19.60	212	2133013	73.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	2670847	79.94	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	45963	21.19	ng/uL	98
4) Benzaldehyde	6.98	77	155523m	63.26	ng/ul	
6) Phenol	7.03	94	481893	91.88	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.27	93	336752	85.29	ng/ul	98
10) 2-Chlorophenol	7.40	128	359484	91.70	ng/ul	99
11) 2-Methylphenol	8.27	108	380239	93.80	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	468245	87.42	ng/ul	99
14) Acetophenone	8.66	105	563644	90.70	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.65	70	302857	93.28	ng/ul	96
16) 4-Methylphenol	8.60	108	415365	92.33	ng/ul	98
17) Hexachloroethane	8.92	117	124967	84.71	ng/ul	99
20) Nitrobenzene	9.04	77	443464	81.18	ng/ul	96
21) Isophorone	9.56	82	902806	85.11	ng/ul	98
23) 2-Nitrophenol	9.75	139	224462	84.32	ng/ul	99
24) 2,4-Dimethylphenol	9.80	107	461941	81.80	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	520925	78.85	ng/ul	100
27) 2,4-Dichlorophenol	10.27	162	400335	85.13	ng/ul	98
28) Naphthalene	10.68	128	1209225	78.64	ng/ul	98
30) 4-Chloroaniline	10.79	127	425388	75.48	ng/ul	98
31) Hexachlorobutadiene	10.97	225	217631	77.87	ng/ul	99
32) Caprolactam	11.56	113	152369m	86.97	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	476284	84.47	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	949236	82.53	ng/ul	99

U.M 05/20/16

U.M 05/20/16

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051816\
Data File : BM005467.D
Acq On : 18 May 2016 12:31
Operator : UM/SJ
Sample : SSTD08042
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 13:11:21 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 11:54:13 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD08042

Manual Integrations APPROVED
umangi
5/19/2016 7:15:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	488801	79.53	ng/ul	99
37) Hexachlorocyclopentadiene	12.64	237	293268	93.40	ng/ul	96
38) 2,4,6-Trichlorophenol	12.90	196	350269	85.57	ng/ul	95
39) 2,4,5-Trichlorophenol	12.97	196	373810	82.30	ng/ul	99
40) 1,1'-Biphenyl	13.30	154	1268779	79.27	ng/ul	100
41) 2-Chloronaphthalene	13.34	162	984081	81.32	ng/ul	98
42) 2-Nitroaniline	13.55	65	335567	90.07	ng/ul	94
44) Dimethylphthalate	13.93	163	1303236	80.54	ng/ul	100
45) 2,6-Dinitrotoluene	14.05	165	287017	89.94	ng/ul#	90
47) Acenaphthylene	14.19	152	1588197	79.03	ng/ul	100
48) 3-Nitroaniline	14.37	138	291378	85.66	ng/ul	99
49) Acenaphthene	14.53	153	1070838	80.86	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	176596	96.19	ng/ul	95
52) 4-Nitrophenol	14.68	109	253577	103.17	ng/ul	92
53) Dibenzofuran	14.87	168	1551805	80.76	ng/ul	99
54) 2,4-Dinitrotoluene	14.83	165	432093	90.80	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.09	232	365581	94.68	ng/ul#	99
56) Diethylphthalate	15.30	149	1396500	85.43	ng/ul	100
58) Fluorene	15.52	166	1203030	80.08	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	577470	77.58	ng/ul	99
60) 4-Nitroaniline	15.54	138	336701	93.38	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.59	198	264174	86.66	ng/ul#	93
64) N-Nitrosodiphenylamine	15.73	169	1127913	79.87	ng/ul	100
65) 4-Bromophenyl-phenylether	16.41	248	411685	83.27	ng/ul	96
66) Hexachlorobenzene	16.52	284	467177	84.24	ng/ul	96
67) Atrazine	16.68	200	414930	80.51	ng/ul	98
68) Pentachlorophenol	16.86	266	334647	108.60	ng/ul	97
69) Phenanthrene	17.26	178	2216225	81.73	ng/ul	99
71) Anthracene	17.34	178	2163497	80.03	ng/ul	100
72) Carbazole	17.61	167	2078260	87.38	ng/ul	100
73) Di-n-butylphthalate	18.19	149	2520425	86.88	ng/ul	100
74) Fluoranthene	19.26	202	2677423	89.12	ng/ul	99
77) Pyrene	19.63	202	2733557	74.81	ng/ul	99
78) Butylbenzylphthalate	20.53	149	1272841	83.89	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.30	252	967127	85.39	ng/ul	98
80) Benzo(a)anthracene	21.37	228	2862289	78.98	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	1715112	81.37	ng/ul#	98
82) Chrysene	21.43	228	2700090	78.54	ng/ul	98
84) Di-n-octyl phthalate	22.21	149	3401467	77.15	ng/ul	99
85) Benzo(b)fluoranthene	22.99	252	3272930	74.18	ng/ul	98
86) Benzo(k)fluoranthene	23.04	252	3140773	75.61	ng/ul	99
88) Benzo(a)pyrene	23.59	252	3246294	77.79	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.00	276	4207632	92.41	ng/ul	96
90) Dibenzo(a,h)anthracene	26.03	278	3369962	88.44	ng/ul	98
91) Benzo(g,h,i)perylene	26.72	276	3771725	97.80	ng/ul	97

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