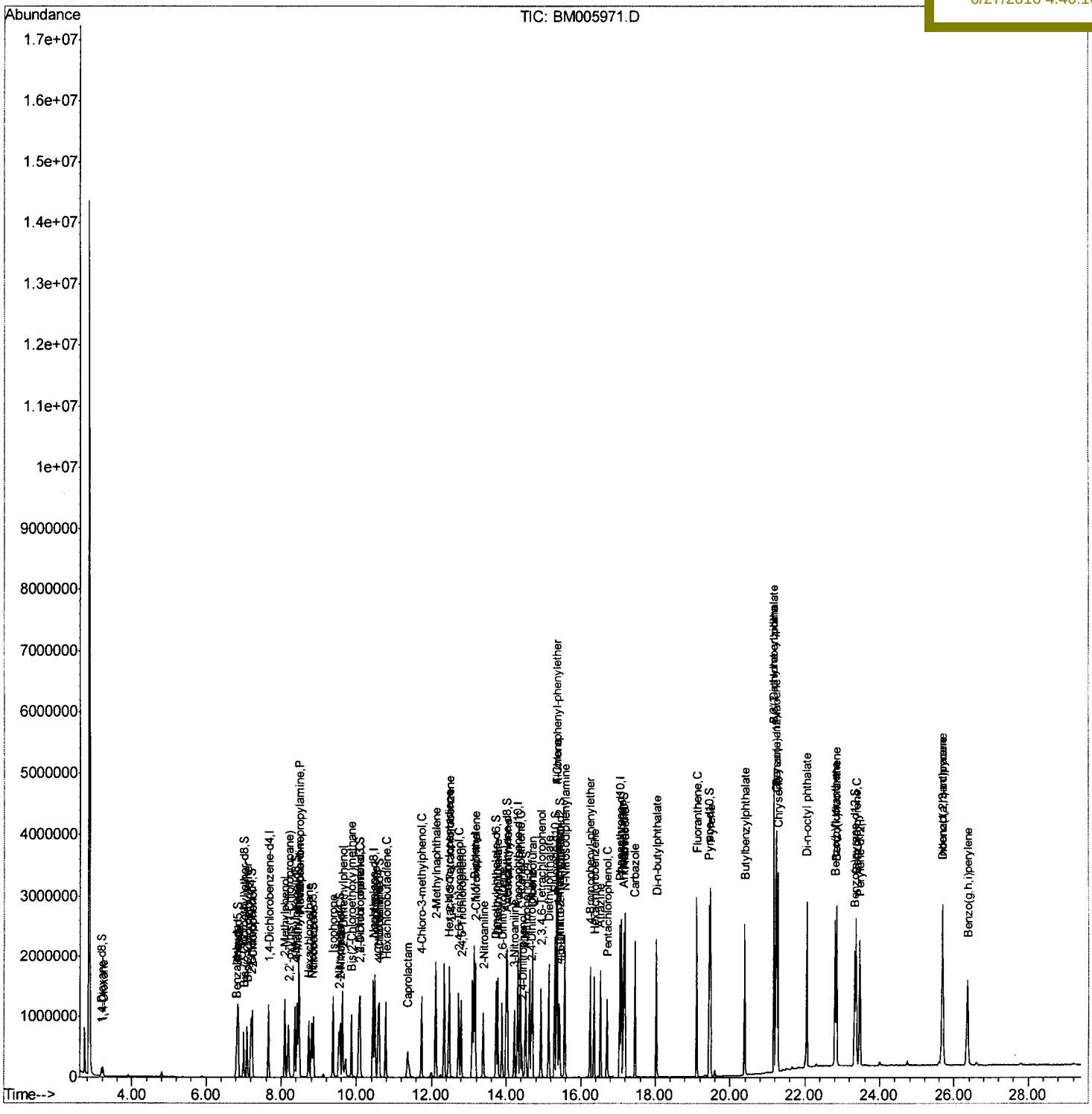
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005971.D
Acq On : 24 Jun 2016 18:25
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 00:32:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 23:55:23 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02056

Manual Integratio
APPROVE
umangi
6/27/2016 4:40:16 PM



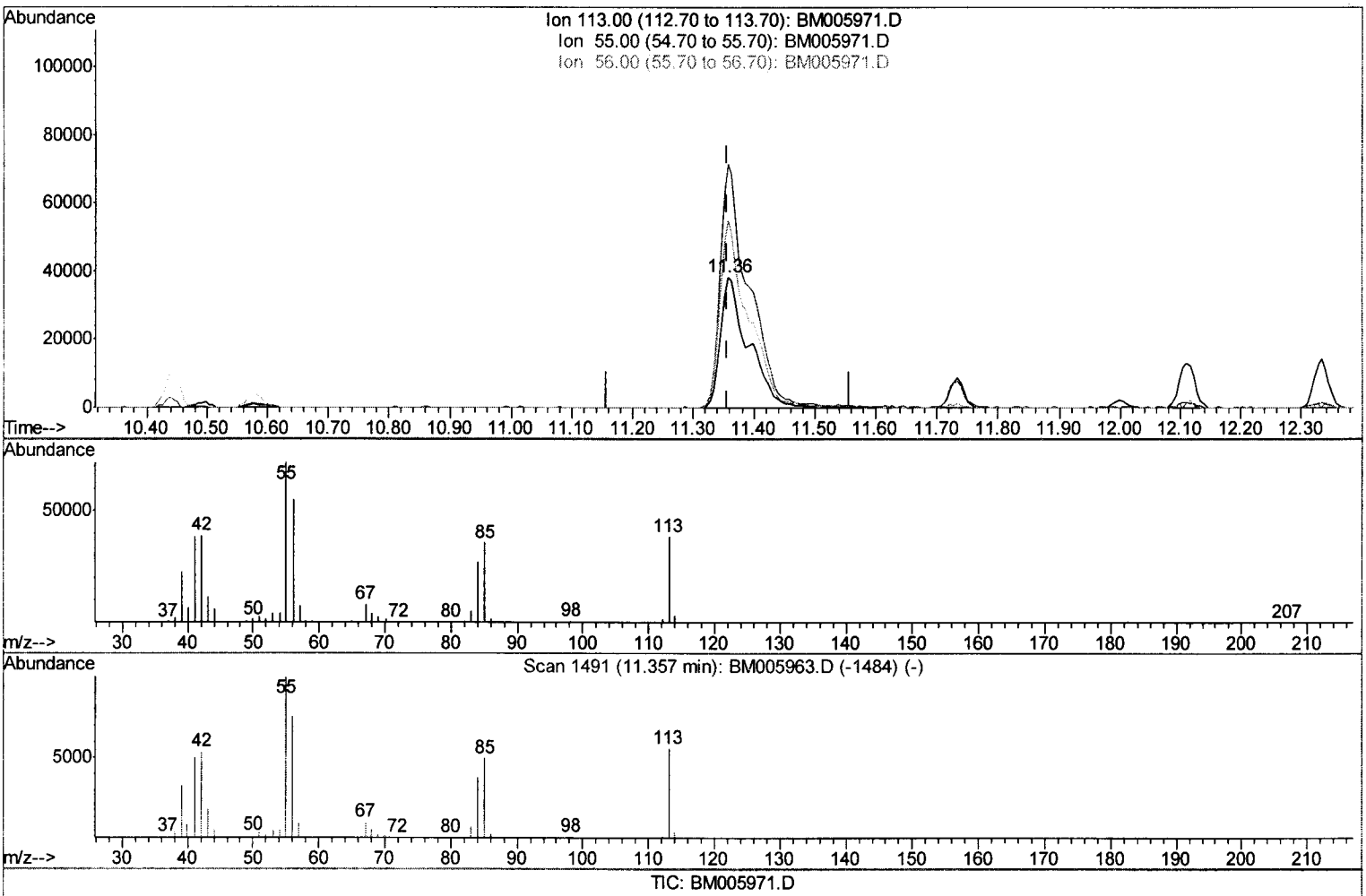
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005971.D
Acq On : 24 Jun 2016 18:25
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 24 23:56:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 23:55:23 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02056

Manual Integratio
APPROVE
umangi
6/27/2016 4:40:16 PM



TIC: BM005971.D

(32) Caprolactam

11.357min (-0.000) 17.17ng/ul m V.M 06/28/16

response 122407

Ion	Exp%	Act%
113.00	100	100
55.00	188.30	186.38
56.00	143.50	142.91
0.00	0.00	0.00

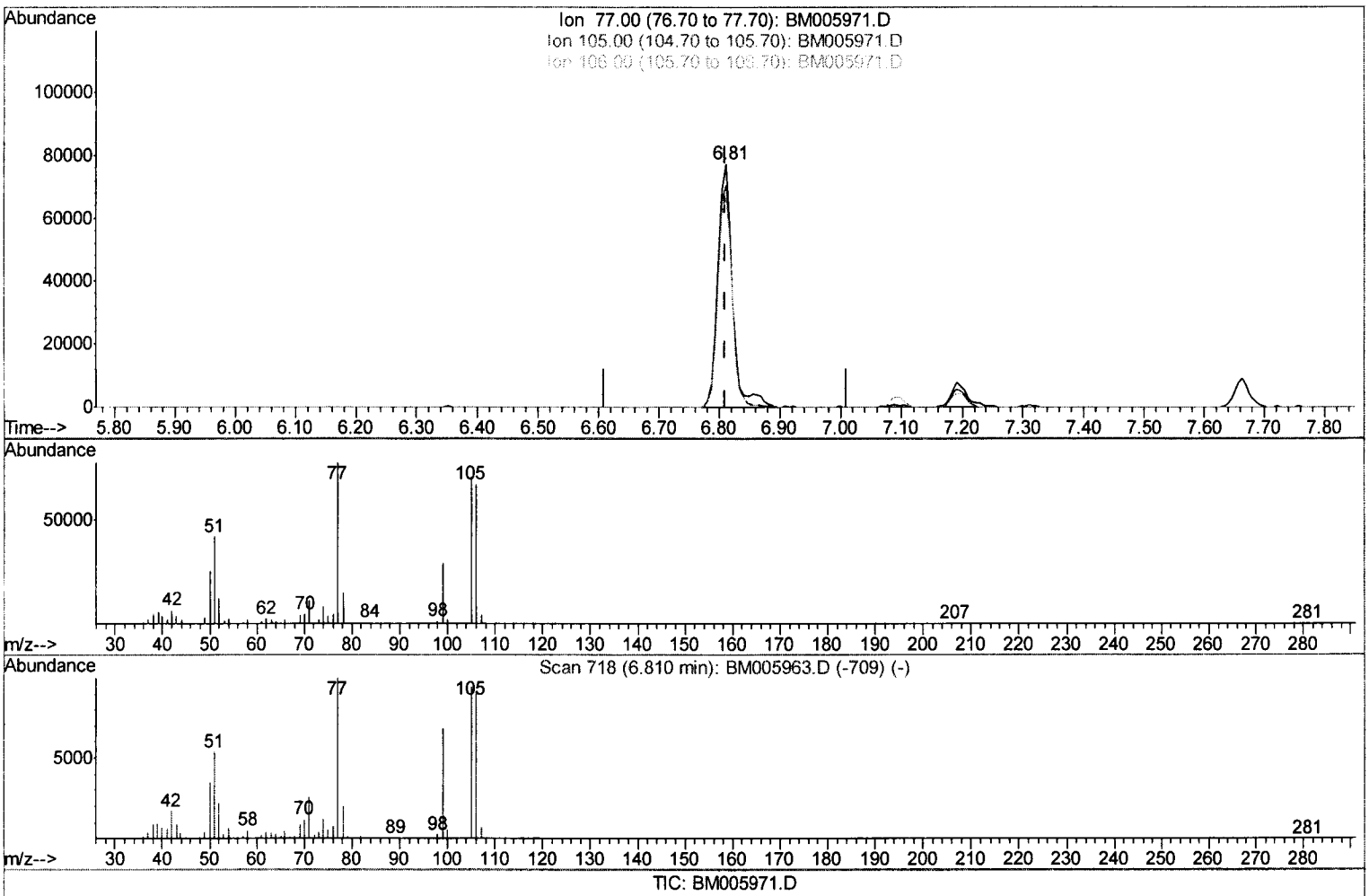
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005971.D
Acq On : 24 Jun 2016 18:25
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 24 23:56:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 23:55:23 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02056

Manual Integratio
APPROVED
umangi
6/27/2016 4:40:16 PM



TIC: BM005971.D

(4) Benzaldehyde

6.810min (-0.000) 25.68ng/ul m U.M 06/28/16

response 128976

Ion	Exp%	Act%
77.00	100	100
105.00	90.10	91.41
106.00	90.30	86.35
0.00	0.00	0.00

Quantitation Report (Qedit)

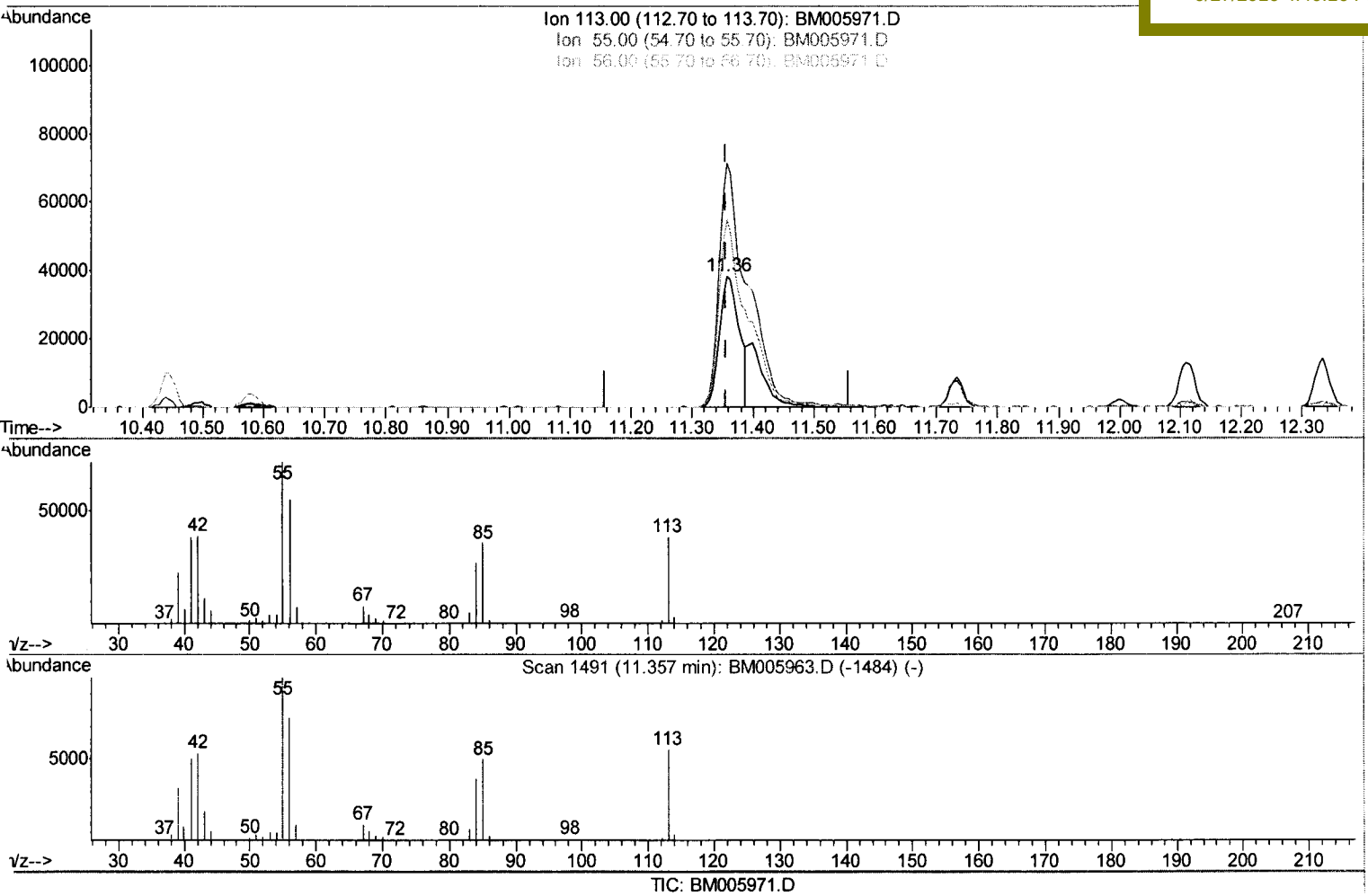
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005971.D
Acq On : 24 Jun 2016 18:25
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 24 23:56:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 23:55:23 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02056

Manual Integratio

APPROVE
umangi
6/27/2016 4:40:16 PM



(32) Caprolactam

11.357min (-0.000) 12.05ng/ul

response 85951

Ion	Exp%	Act%
113.00	100	100
55.00	188.30	186.38
56.00	143.50	142.91
0.00	0.00	0.00

Quantitation Report (Qedit)

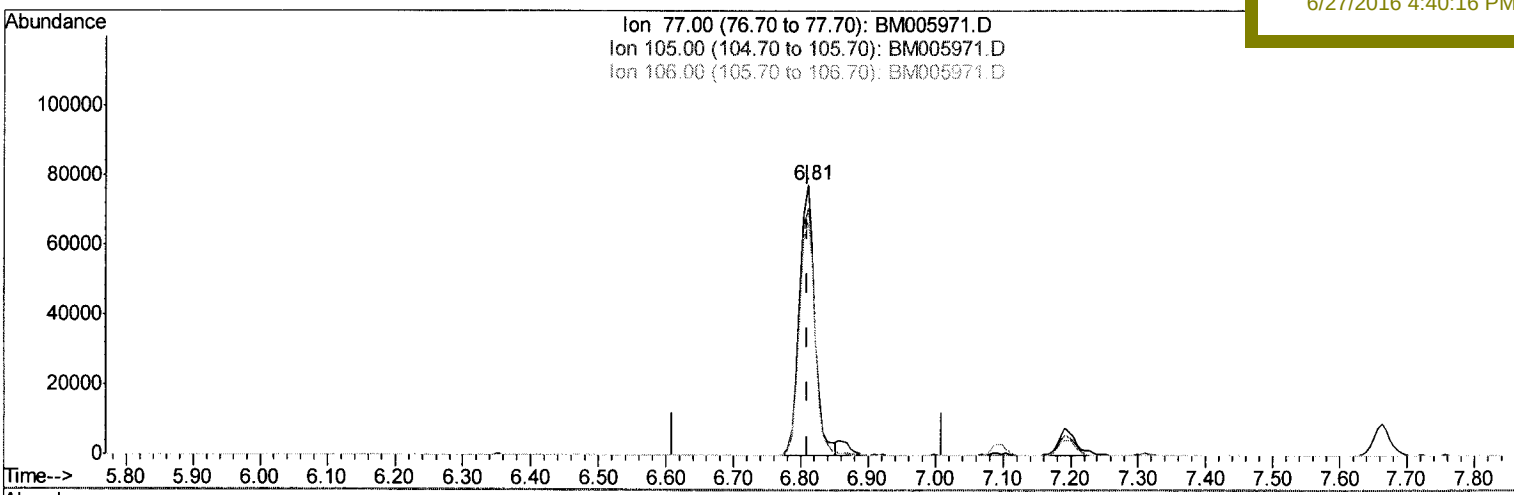
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005971.D
Acq On : 24 Jun 2016 18:25
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

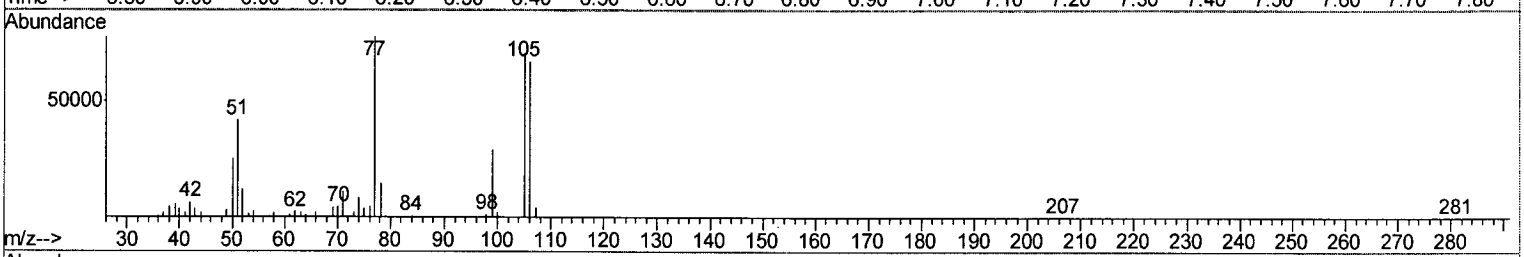
Quant Time: Jun 24 23:56:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 23:55:23 2016
Response via : Initial Calibration

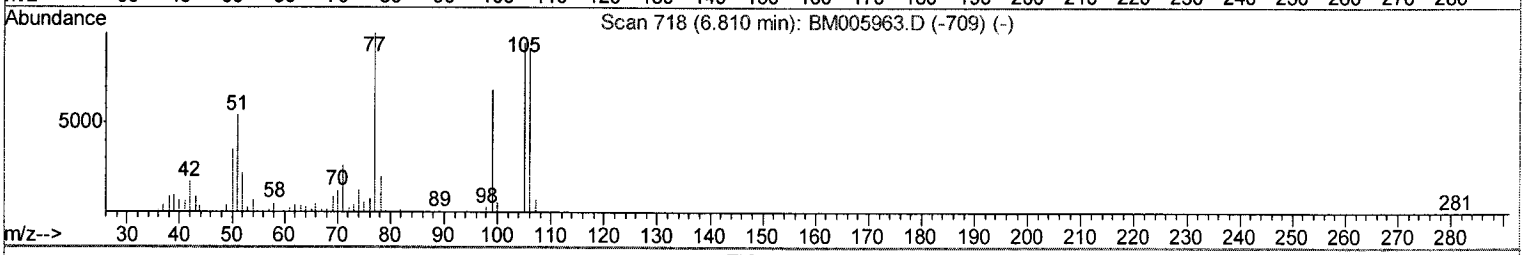
Instrument :
BNA_M
LabSampleId :
SSTD02056

Manual Integratio

APPROVE
umangi
6/27/2016 4:40:16 PM







TIC: BM005971.D

(4) Benzaldehyde

6.810min (-0.000) 24.60ng/ul

response 123542

Ion	Exp%	Act%
77.00	100	100
105.00	90.10	91.41
106.00	90.30	86.35
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005971.D
Acq On : 24 Jun 2016 18:25
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 00:32:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 23:55:23 2016
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02056

Manual Integratio
APPROVED
umangi
6/27/2016 4:40:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	302145	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1293492	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	667424	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1405384	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	1431254	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	1510358	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	58218	7.67	ng/uL	0.00
5) Phenol-d5	6.83	99	543437	20.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	340641	21.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	415306	20.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	415220	20.37	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	200189	21.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	210334	21.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	392801	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	480474	23.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1037578	19.57	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1367676	20.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	194113	18.73	ng/ul	0.00
57) Fluorene-d10	15.30	176	905441	19.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	146760	20.96	ng/ul	0.00
70) Anthracene-d10	17.16	188	1321752	20.65	ng/ul	0.00
76) Pyrene-d10	19.45	212	1386275	20.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.32	264	1400042	20.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	63002	7.67	ng/uL	93
4) Benzaldehyde	6.81	77	128976m	25.68	ng/ul	
6) Phenol	6.86	94	594300	20.99	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.09	93	442202	21.26	ng/ul	98
10) 2-Chlorophenol	7.23	128	429849	20.07	ng/ul	99
11) 2-Methylphenol	8.10	108	422904	20.58	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	650789	21.37	ng/ul	100
14) Acetophenone	8.48	105	666821	21.26	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	353825	20.45	ng/ul	99
16) 4-Methylphenol	8.43	108	460998	20.73	ng/ul	100
17) Hexachloroethane	8.73	117	173126	19.99	ng/ul	99
20) Nitrobenzene	8.86	77	521318	20.85	ng/ul	99
21) Isophorone	9.37	82	914621	19.91	ng/ul	99
23) 2-Nitrophenol	9.56	139	235281	21.05	ng/ul	99
24) 2,4-Dimethylphenol	9.63	107	503513	20.67	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.86	93	585096	20.46	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	397744	20.58	ng/ul	99
28) Naphthalene	10.49	128	1321286	20.48	ng/ul	100
30) 4-Chloroaniline	10.60	127	515499	22.93	ng/ul	98
31) Hexachlorobutadiene	10.78	225	256047	21.55	ng/ul	98
32) Caprolactam	11.36	113	122407m	17.17	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	438207	19.45	ng/ul	98
34) 2-Methylnaphthalene	12.11	142	941967	19.93	ng/ul	97

U.M 06/28/16

U.M 06/28/16

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005971.D
Acq On : 24 Jun 2016 18:25
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 00:32:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 23:55:23 2016
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02056

Manual Integratio

APPROVE

umangi
6/27/2016 4:40:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	472505	22.29	ng/ul	98
37) Hexachlorocyclopentadiene	12.46	237	285127	23.28	ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	308882	21.47	ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	324342	21.58	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	1174245	21.42	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	913100	21.59	ng/ul	99
42) 2-Nitroaniline	13.39	65	291556	20.58	ng/ul	97
44) Dimethylphthalate	13.77	163	1051571	19.65	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	219175	20.92	ng/ul	97
47) Acenaphthylene	14.03	152	1458082	20.72	ng/ul	99
48) 3-Nitroaniline	14.22	138	236872	22.56	ng/ul	95
49) Acenaphthene	14.37	153	911218	20.47	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	104679	18.26	ng/ul	91
52) 4-Nitrophenol	14.53	109	184113	18.56	ng/ul	99
53) Dibenzofuran	14.71	168	1309012	20.37	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	305401	19.81	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.93	232	274636	20.57	ng/ul	98
56) Diethylphthalate	15.14	149	1054575	19.05	ng/ul	100
58) Fluorene	15.36	166	997519	19.92	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	492203	20.49	ng/ul	95
60) 4-Nitroaniline	15.38	138	247409	18.99	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.44	198	164348	21.47	ng/ul	100
64) N-Nitrosodiphenylamine	15.57	169	878712	21.62	ng/ul	98
65) 4-Bromophenyl-phenylether	16.25	248	314772	21.93	ng/ul	99
66) Hexachlorobenzene	16.36	284	340852	21.41	ng/ul	94
67) Atrazine	16.53	200	300506	20.98	ng/ul	99
68) Pentachlorophenol	16.70	266	205233	21.40	ng/ul	98
69) Phenanthrene	17.10	178	1581839	20.73	ng/ul	100
71) Anthracene	17.19	178	1613761	20.71	ng/ul	100
72) Carbazole	17.46	167	1417772	21.15	ng/ul	99
73) Di-n-butylphthalate	18.03	149	1686896	19.49	ng/ul	99
74) Fluoranthene	19.12	202	1759051	21.02	ng/ul	99
77) Pyrene	19.48	202	1830401	20.91	ng/ul	99
78) Butylbenzylphthalate	20.40	149	750782	20.54	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.17	252	598987	25.10	ng/ul	99
80) Benzo(a)anthracene	21.23	228	1761336	20.74	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.17	149	1028065	20.06	ng/ul	100
82) Chrysene	21.29	228	1619393	20.66	ng/ul	98
84) Di-n-octyl phthalate	22.05	149	1819410	20.16	ng/ul	100
85) Benzo(b)fluoranthene	22.80	252	1802597	19.65	ng/ul	100
86) Benzo(k)fluoranthene	22.84	252	1758269	21.05	ng/ul	100
88) Benzo(a)pyrene	23.37	252	1751268	20.55	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.68	276	1999118	21.03	ng/ul	99
90) Dibenzo(a,h)anthracene	25.69	278	1671031	21.29	ng/ul	99
91) Benzo(g,h,i)perylene	26.36	276	1705827	20.81	ng/ul	98

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