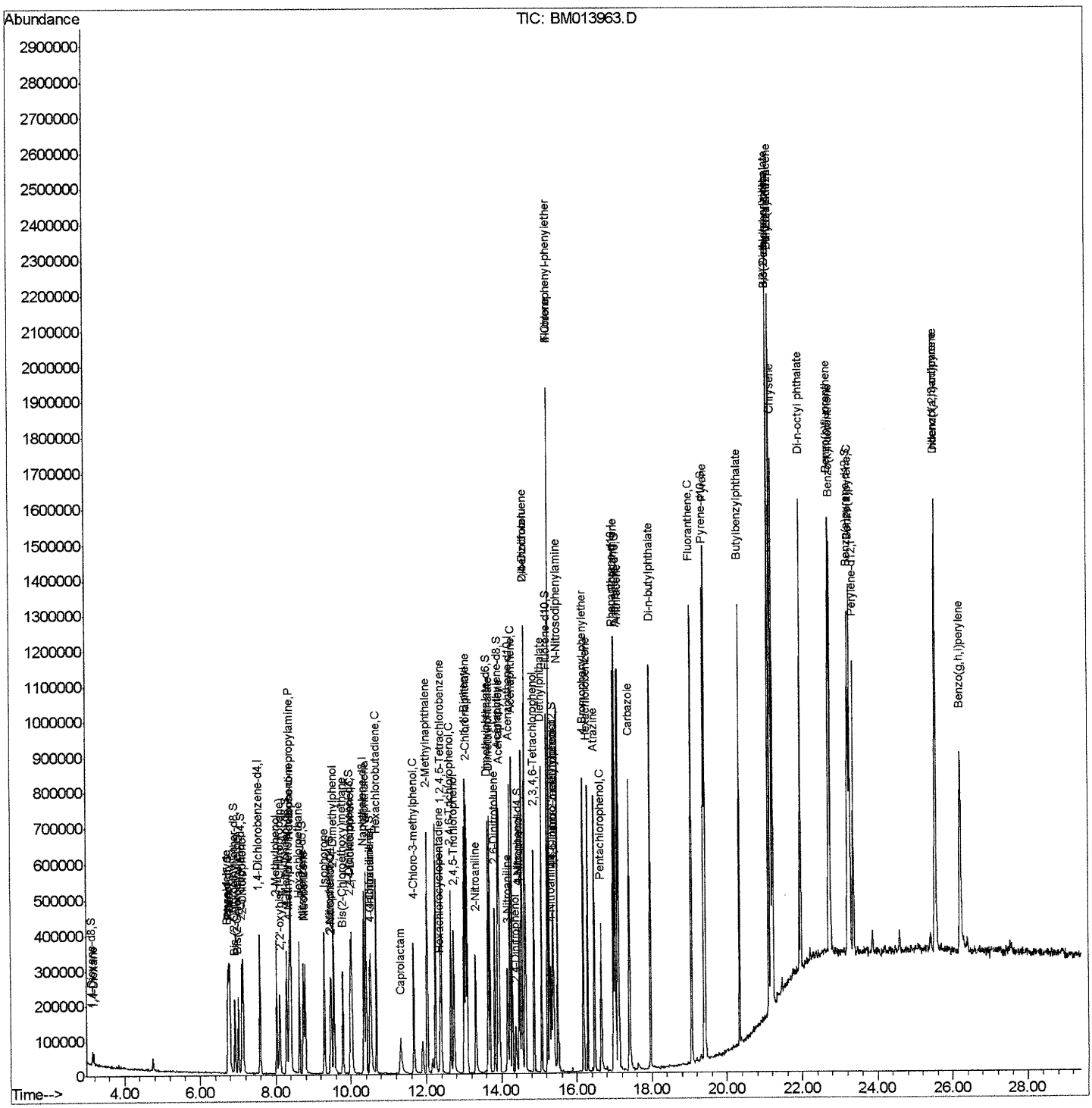
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013963.D
Acq On : 29 Jan 2018 18:17
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 30 02:07:55 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 01:10:58 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02007

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:08 PM



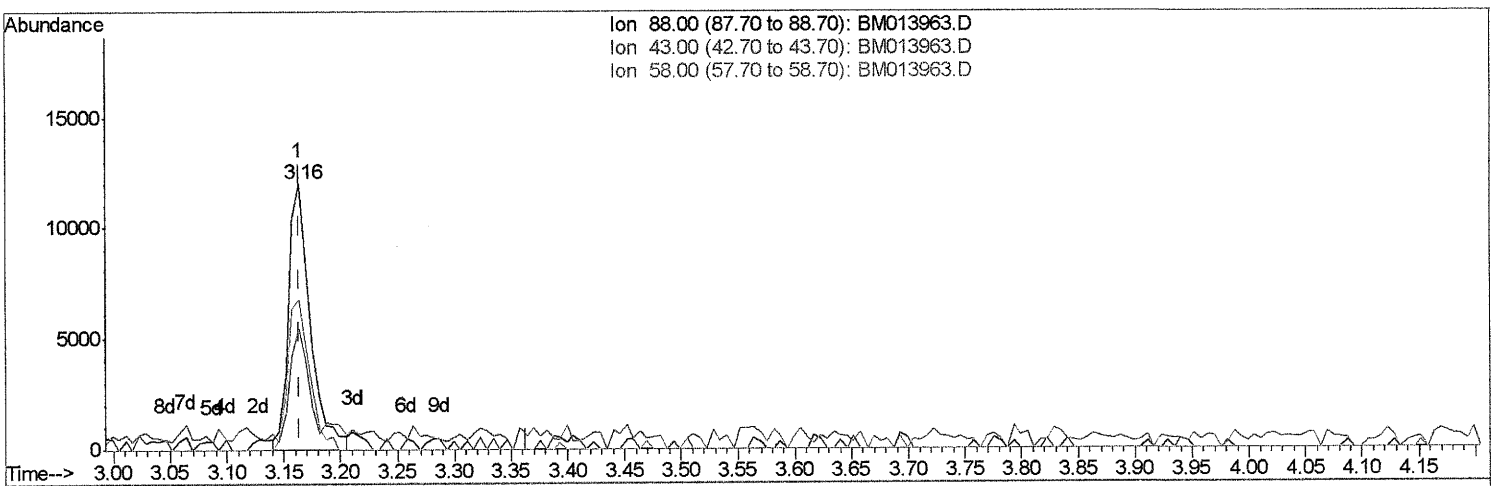
Quantitation Report (Qedit)

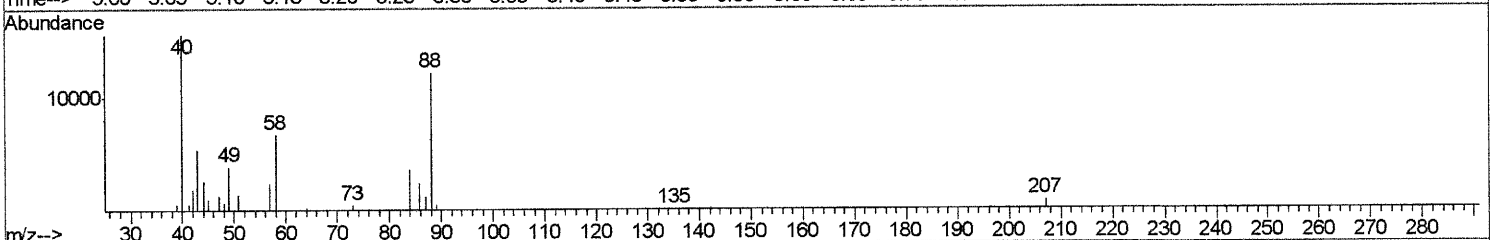
Instrument :
BNA_M
LabSampleId :
SSTD02007

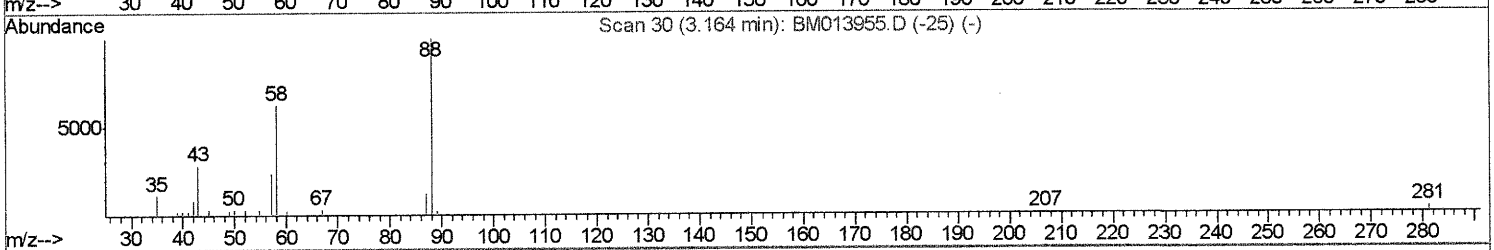
Manual Integrations APPROVED
Sohil
1/30/2018 3:34:08 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013963.D
Acq On : 29 Jan 2018 18:17
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 30 01:14:39 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 01:10:58 2018
Response via : Initial Calibration







TIC: BM013963.D

(2) 1,4-Dioxane

3.163min (-0.000) 6.01ng/uL

response 16014

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	35.27#
58.00	100.00	57.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013963.D
Acq On : 29 Jan 2018 18:17
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
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Quant Time: Jan 30 01:14:39 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
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LabSampleId :
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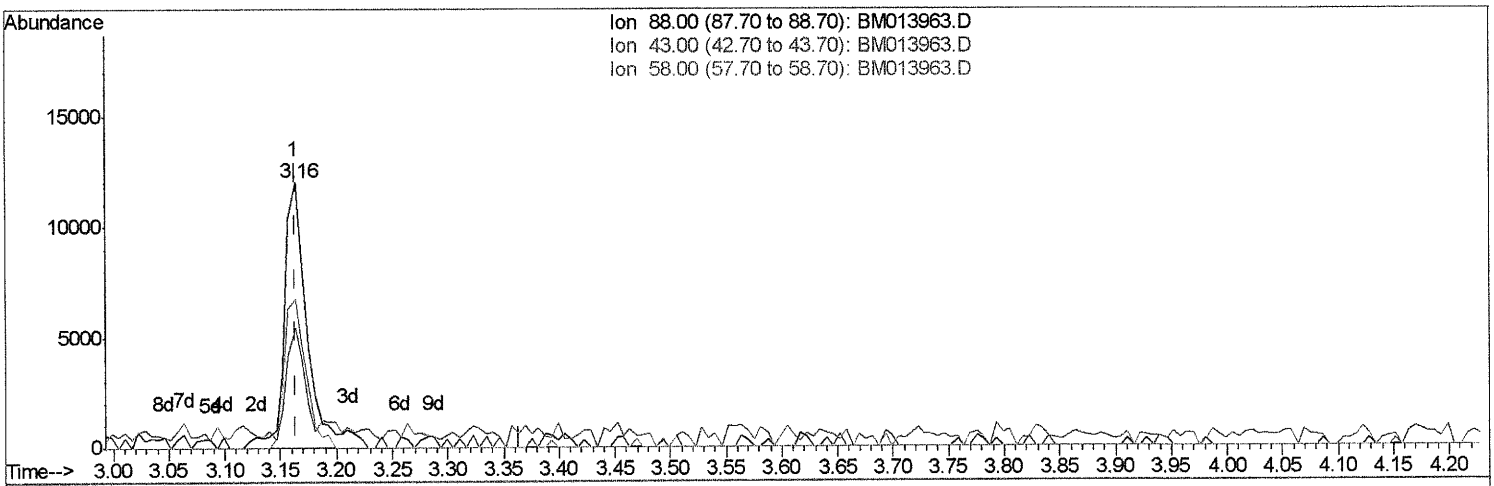
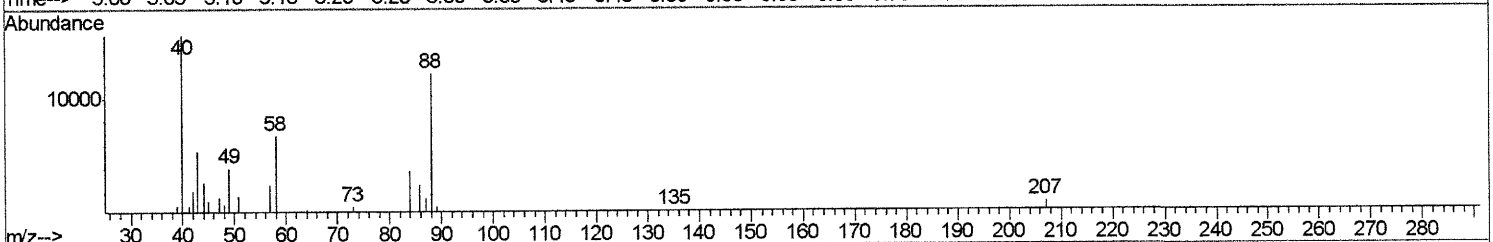
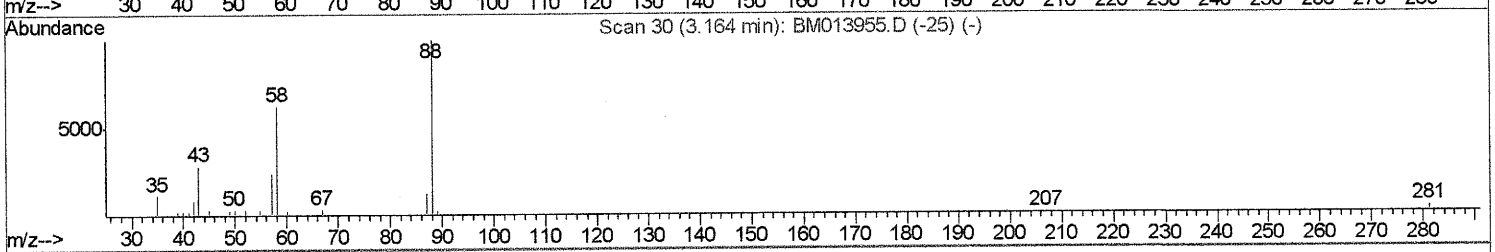
Manual Integrations APPROVED
Sohil
1/30/2018 3:34:08 PM







TIC: BM013963.D

(2) 1,4-Dioxane

3.163min (-0.000) 6.49ng/uL m SJ 2/8/18

response 17296

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	32.65#
58.00	100.00	52.91#
0.00	0.00	0.00

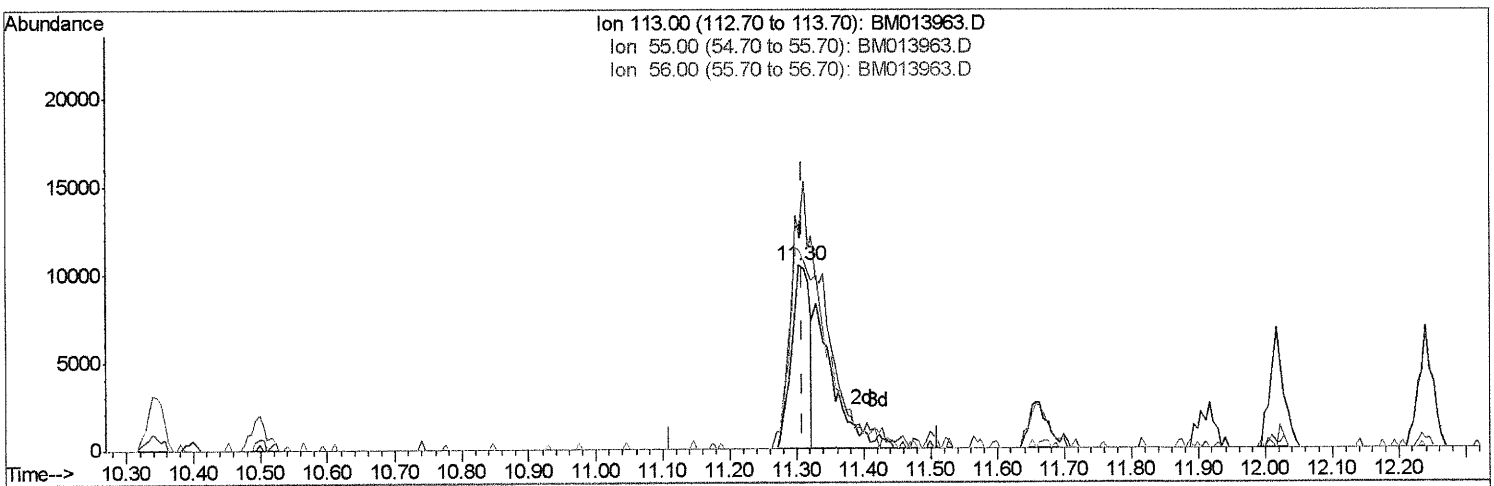
Quantitation Report (Qedit)

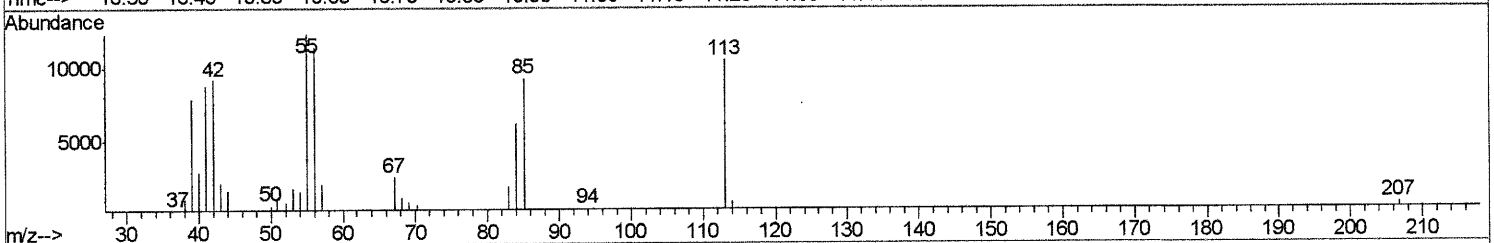
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013963.D
Acq On : 29 Jan 2018 18:17
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

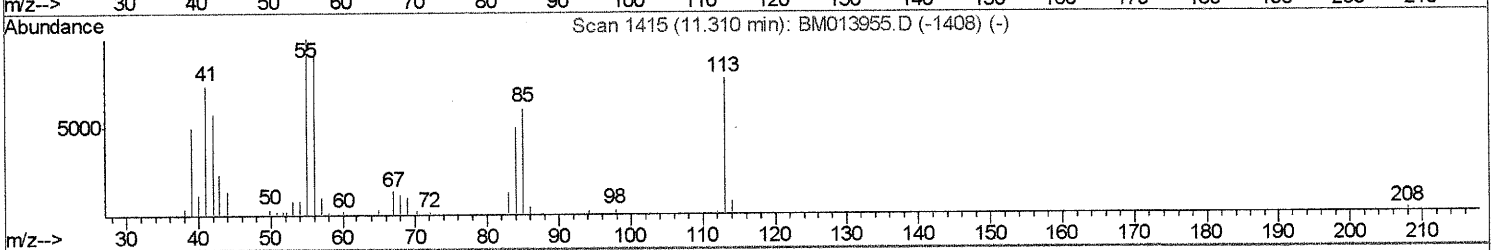
Quant Time: Jan 30 01:14:39 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 01:10:58 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02007

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:08 PM







TIC: BM013963.D

(32) Caprolactam

11.304min (-0.006) 12.21ng/ul

response 20343

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	117.32#
56.00	200.00	108.71#
0.00	0.00	0.00

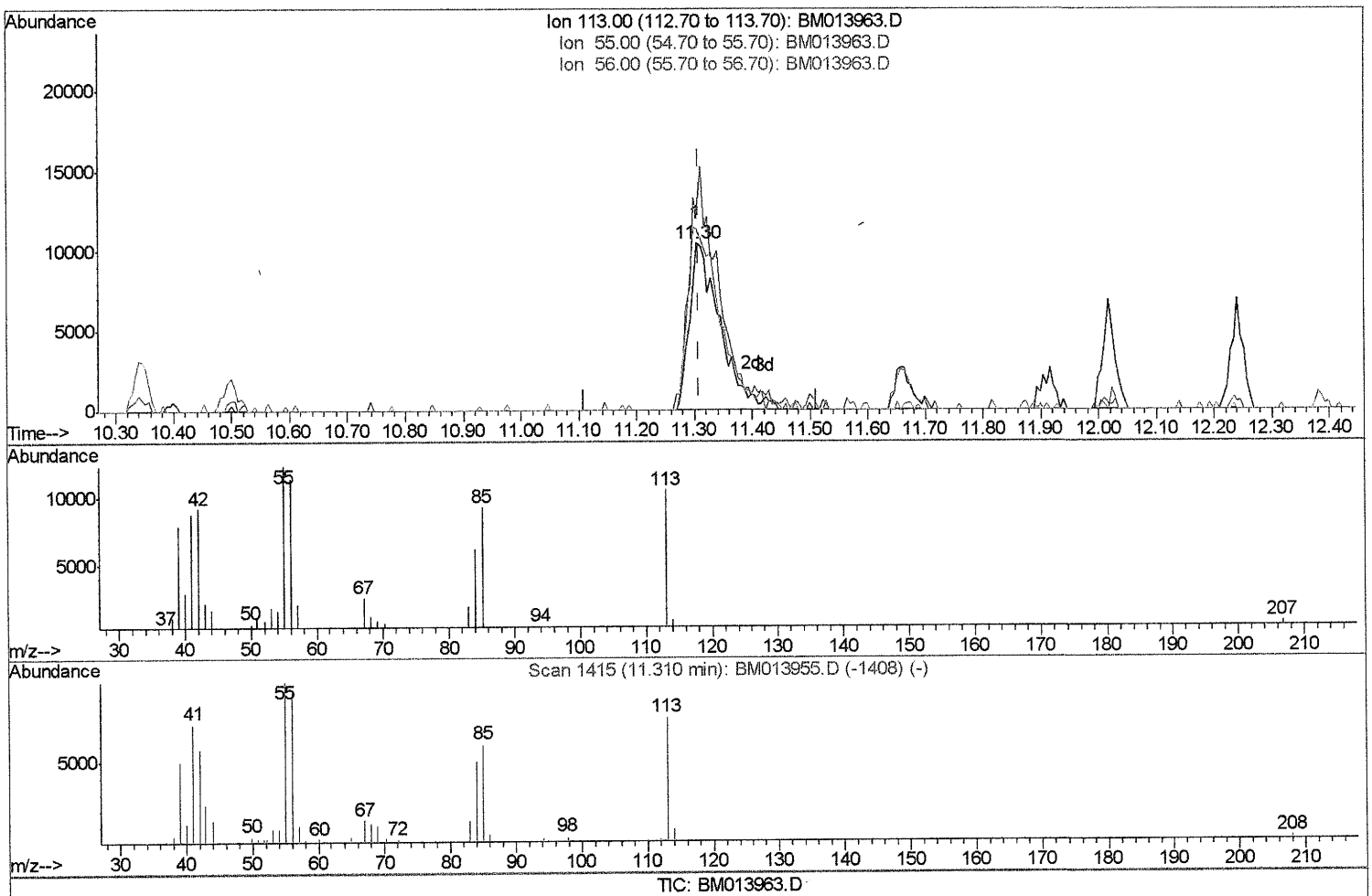
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013963.D
Acq On : 29 Jan 2018 18:17
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 30 01:14:39 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 01:10:58 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02007

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:08 PM



TIC: BM013963.D

(32) Caprolactam

11.304min (-0.006) 22.73ng/ul m) SJ 2/8/18

response 37864

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	117.32#
56.00	200.00	108.71#
0.00	0.00	0.00

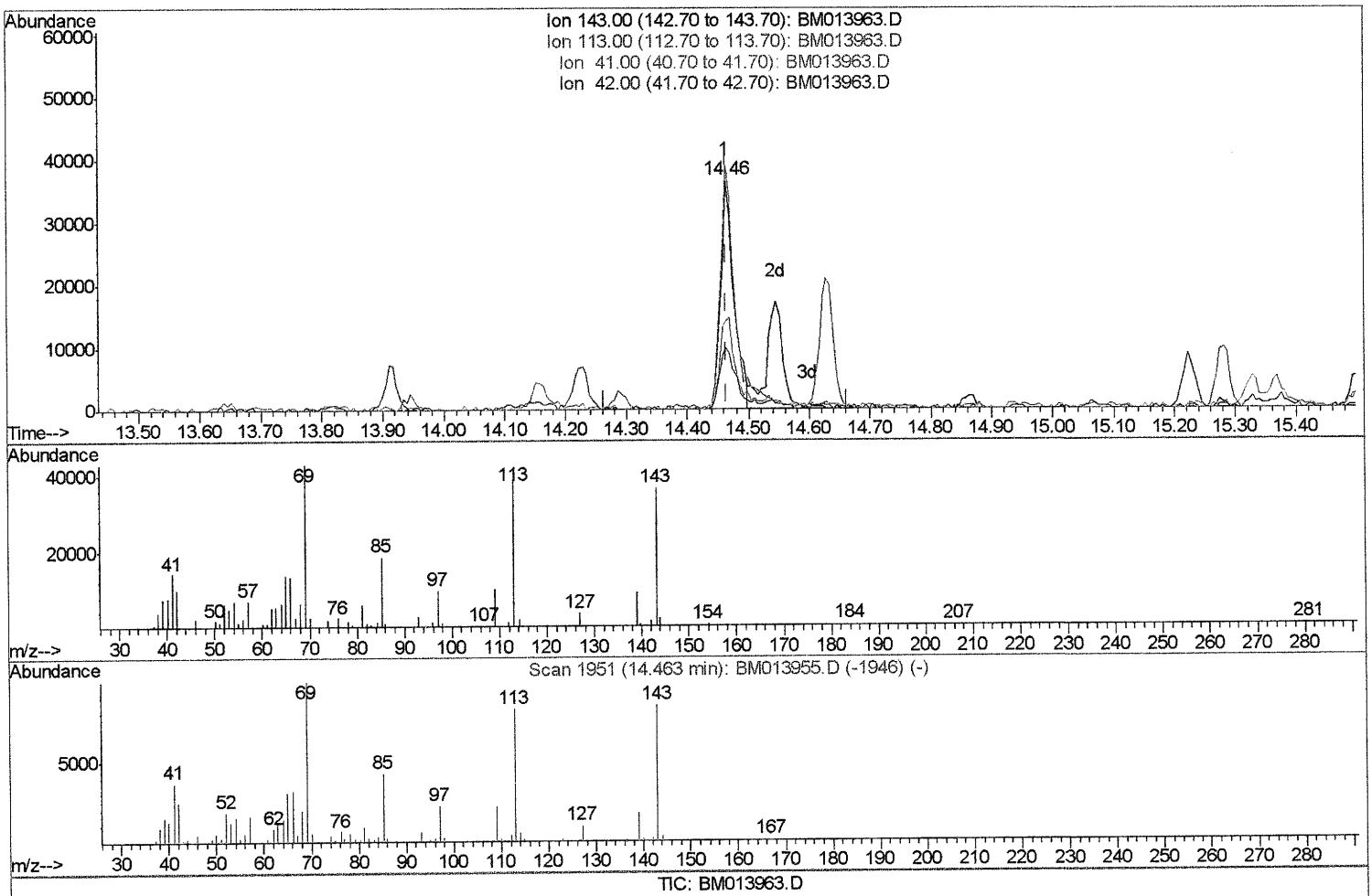
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013963.D
Acq On : 29 Jan 2018 18:17
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 30 01:14:39 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 01:10:58 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02007

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:08 PM



TIC: BM013963.D

(51) 4-Nitrophenol-d4 (S)

14.463min (-0.000) 17.14ng/ul

response 57477

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	106.59
41.00	34.80	38.98
42.00	20.50	27.10#

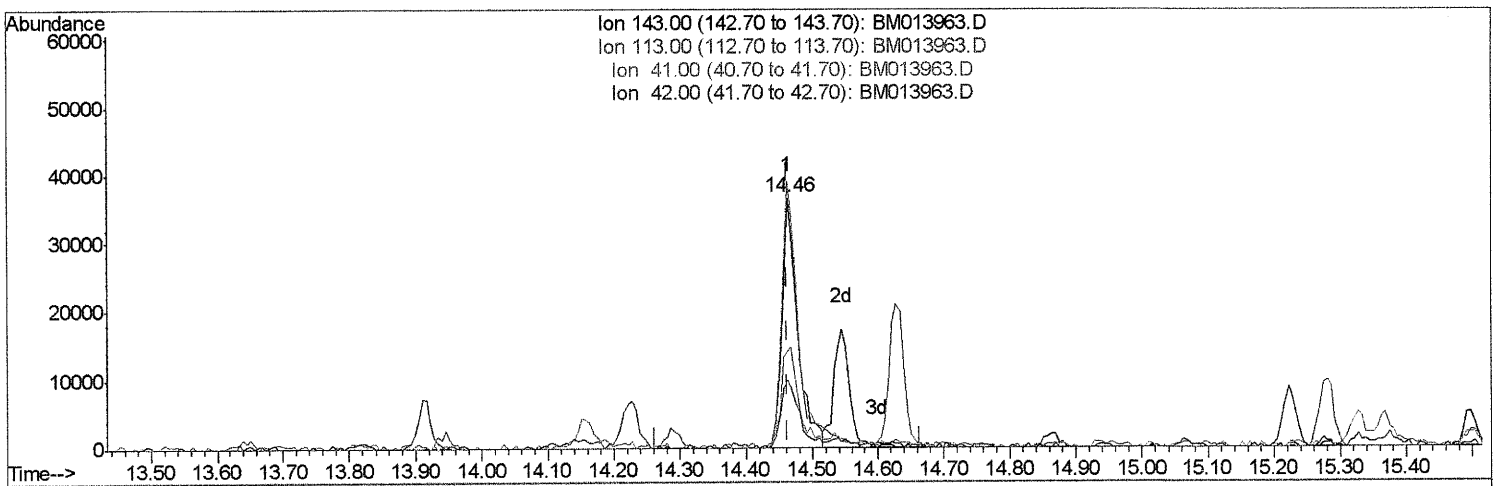
Quantitation Report (Qedit)

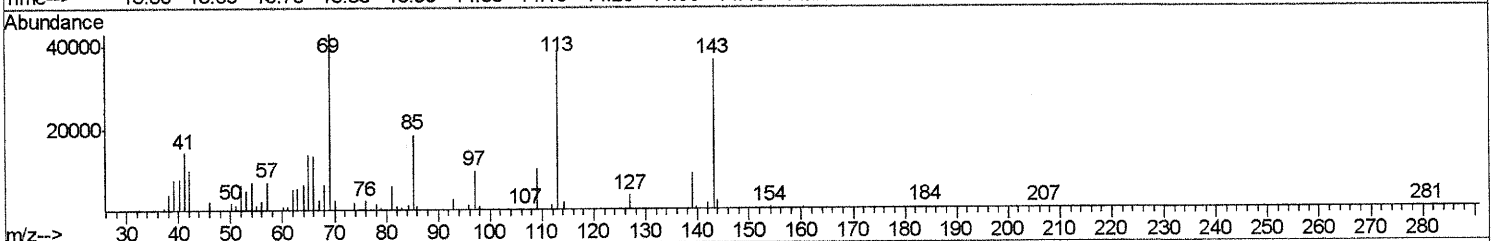
Instrument : BNA_M
LabSampleId : SSTD02007

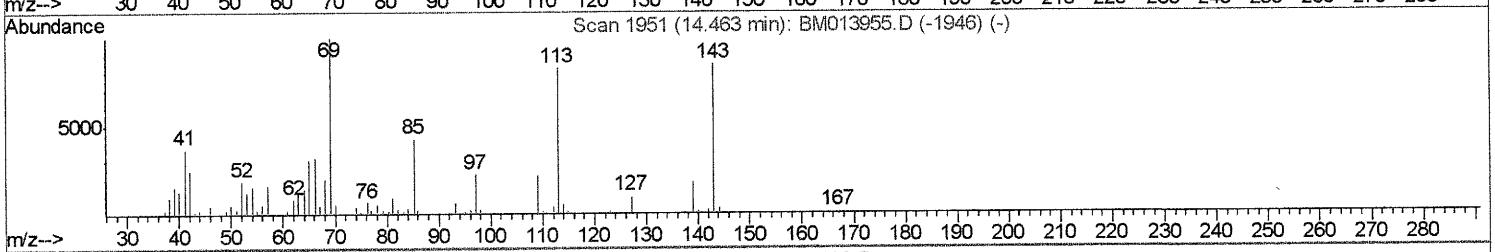
Manual Integrations APPROVED
Sohil
1/30/2018 3:34:08 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013963.D
Acq On : 29 Jan 2018 18:17
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 30 01:14:39 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 01:10:58 2018
Response via : Initial Calibration







TIC: BM013963.D

(51) 4-Nitrophenol-d4 (S)

14.463min (-0.000) 18.08ng/ul m > SJ 2/8/18

response 60635

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	106.59
41.00	34.80	38.98
42.00	20.50	27.10#

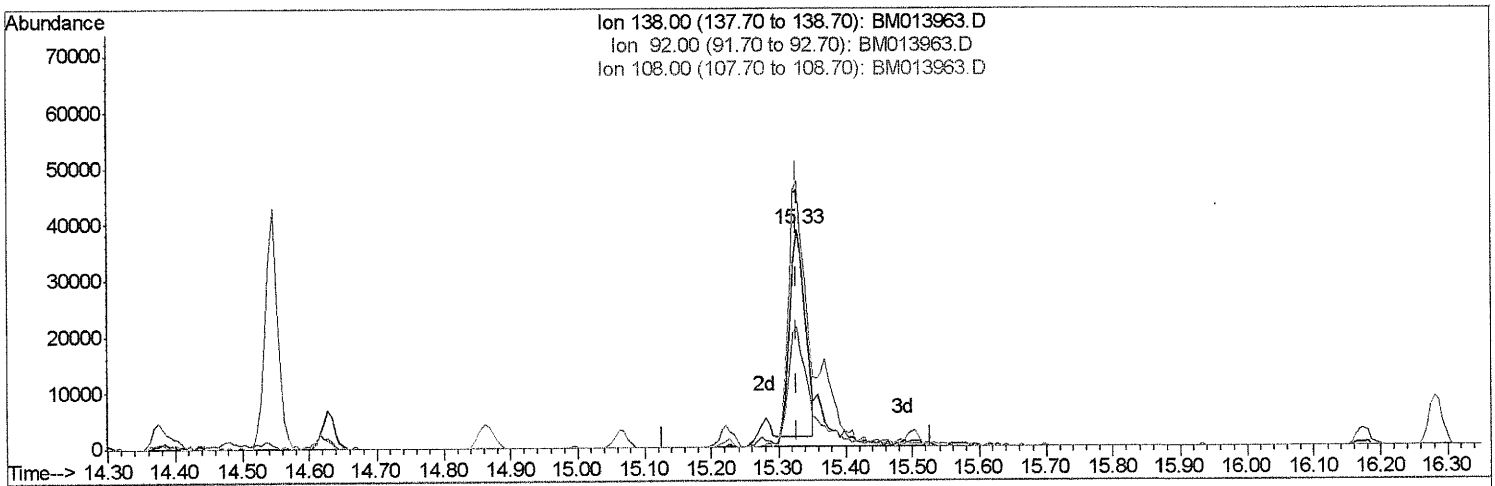
Quantitation Report (Qedit)

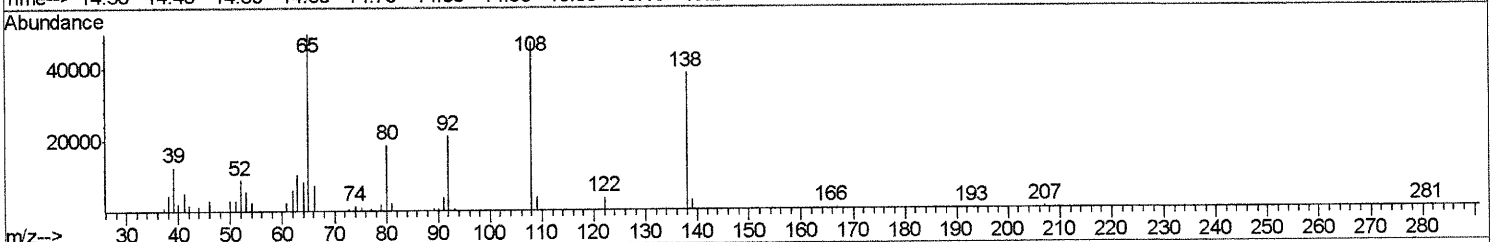
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013963.D
Acq On : 29 Jan 2018 18:17
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

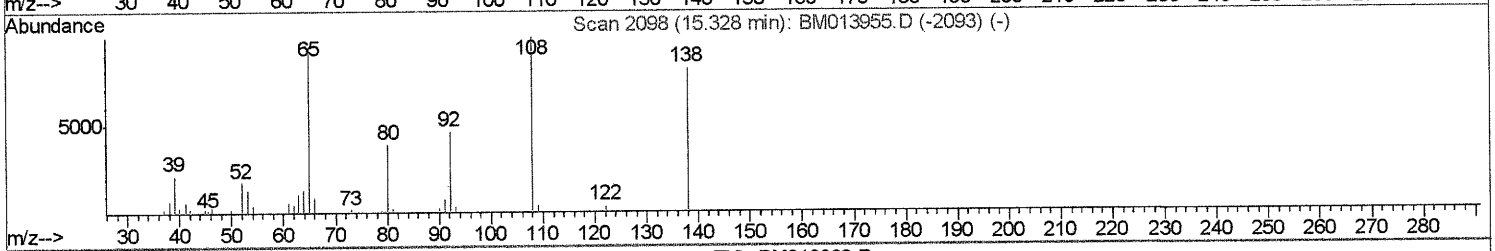
Quant Time: Jan 30 02:07:10 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 01:10:58 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02007

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:08 PM







TIC: BM013963.D

(60) 4-Nitroaniline

15.327min (-0.000) 16.66ng/ul

response 60270

Ion	Exp%	Act%
138.00	100	100
92.00	50.00	55.25
108.00	100.00	122.88#
0.00	0.00	0.00

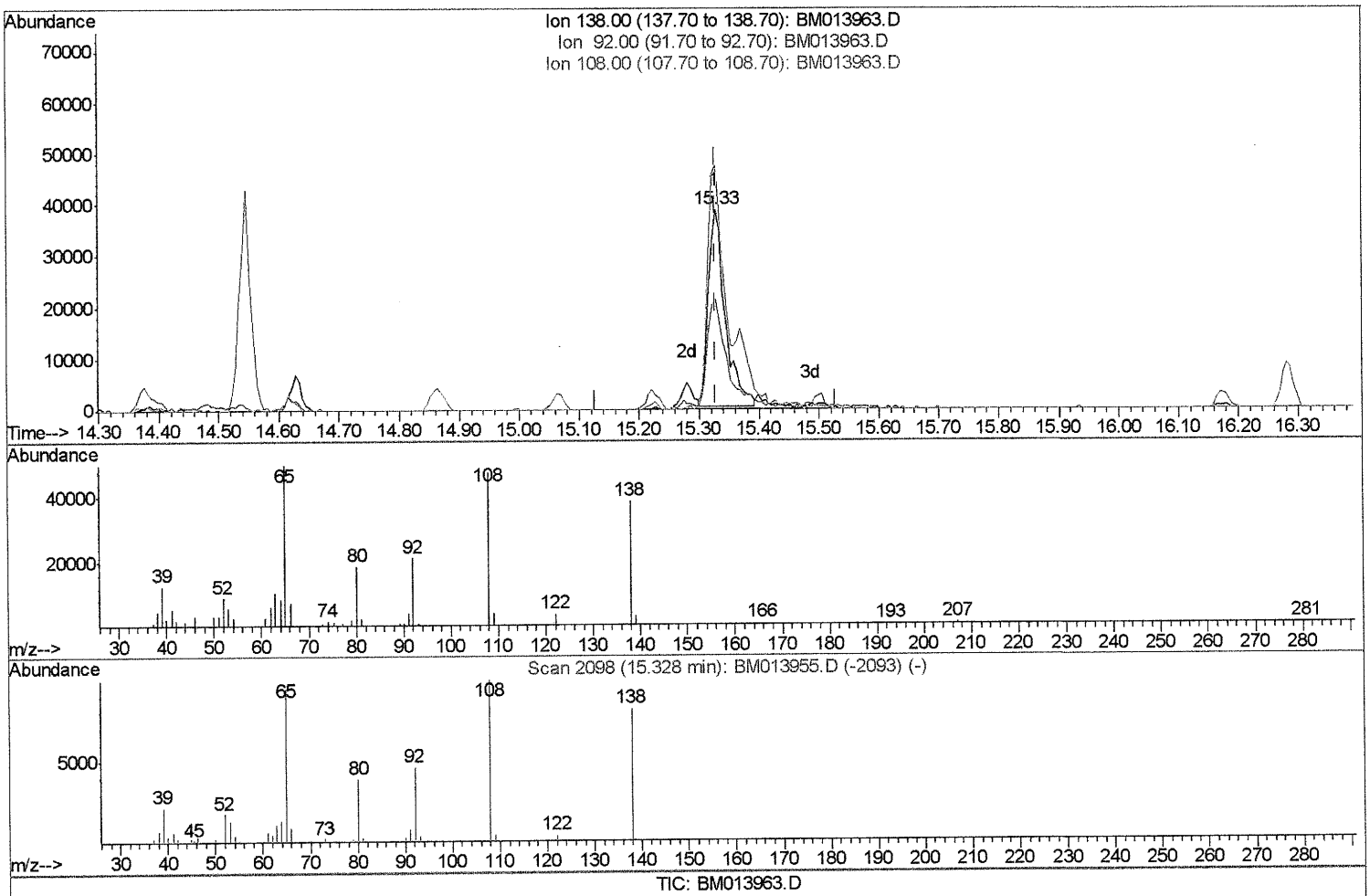
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013963.D
Acq On : 29 Jan 2018 18:17
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 30 02:07:10 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 01:10:58 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02007

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:08 PM



TIC: BM013963.D

(60) 4-Nitroaniline

15.327min (-0.000) 20.64ng/ul m 〉 SJ 2/8/18

response 74672

Ion	Exp%	Act%
138.00	100	100
92.00	50.00	55.25
108.00	100.00	122.88#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_M
LabSampleId :
SSTD02007

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:08 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
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Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 30 02:07:55 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 01:10:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	96098	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	392318	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	250341	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	615146	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	690544	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	641286	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	14495	5.96	ng/uL	0.00
5) Phenol-d5	6.76	99	141422	19.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	88276	19.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	119069	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	118156	20.83	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	59070	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	69417	21.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	127328	20.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	141931	26.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	439482	21.30	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	538129	20.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	60635m	18.08	ng/ul	0.00 SJ 2/8/18
57) Fluorene-d10	15.22	176	379859	20.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	70124	18.94	ng/ul	0.00
70) Anthracene-d10	17.08	188	620859	20.72	ng/ul	0.00
76) Pyrene-d10	19.38	212	686774	21.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	613672	20.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	17296m	6.494	ng/uL	SJ 2/8/18
4) Benzaldehyde	6.73	77	105209	20.607	ng/ul	95
6) Phenol	6.79	94	139297	18.825	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.01	93	112789	19.479	ng/ul	97
10) 2-Chlorophenol	7.14	128	120222	20.066	ng/ul	97
11) 2-Methylphenol	8.02	108	109741	20.119	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.10	45	110421	18.742	ng/ul#	76
14) Acetophenone	8.39	105	195070	20.785	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.38	70	102935	22.482	ng/ul#	68
16) 4-Methylphenol	8.35	108	119713	20.526	ng/ul	95
17) Hexachloroethane	8.63	117	58400	20.025	ng/ul#	79
20) Nitrobenzene	8.77	77	164868	20.965	ng/ul	97
21) Isophorone	9.29	82	266582	20.981	ng/ul#	91
23) 2-Nitrophenol	9.47	139	71340	21.281	ng/ul	91
24) 2,4-Dimethylphenol	9.54	107	150857	21.345	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.77	93	151714	19.586	ng/ul	95
27) 2,4-Dichlorophenol	10.00	162	124390	20.771	ng/ul	95
28) Naphthalene	10.39	128	405180	20.760	ng/ul	98
30) 4-Chloroaniline	10.52	127	136865	25.601	ng/ul	89
31) Hexachlorobutadiene	10.67	225	105691	21.500	ng/ul	90
32) Caprolactam	11.30	113	37864m	22.728	ng/ul	SJ 2/8/18
33) 4-Chloro-3-methylphenol	11.66	107	129264	21.292	ng/ul	96
34) 2-Methylnaphthalene	12.02	142	306075	21.034	ng/ul	99

Quantitation Report (QT Reviewed)

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
Sohil
1/30/2018 3:34:08 PM

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Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 30 02:07:55 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 01:10:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	186719	20.129	ng/ul#	91
37) Hexachlorocyclopentadiene	12.36	237	54569	14.170	ng/ul	97
38) 2,4,6-Trichlorophenol	12.65	196	116893	21.770	ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	119997	21.478	ng/ul	93
40) 1,1'-Biphenyl	13.05	154	407080	19.535	ng/ul	97
41) 2-Chloronaphthalene	13.09	162	330012	20.259	ng/ul	99
42) 2-Nitroaniline	13.32	65	97597	21.720	ng/ul	90
44) Dimethylphthalate	13.69	163	423499	20.876	ng/ul	100
45) 2,6-Dinitrotoluene	13.82	165	84535	21.504	ng/ul#	89
47) Acenaphthylene	13.95	152	489471	20.332	ng/ul	99
48) 3-Nitroaniline	14.16	138	72799	23.547	ng/ul#	94
49) Acenaphthene	14.29	153	341533	20.485	ng/ul	100
50) 2,4-Dinitrophenol	14.38	184	33031	14.657	ng/ul	92
52) 4-Nitrophenol	14.48	109	66434	19.504	ng/ul#	76
53) Dibenzofuran	14.63	168	518388	20.668	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	126783	22.124	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	14.86	232	115266	21.934	ng/ul#	88
56) Diethylphthalate	15.06	149	443575	21.727	ng/ul	94
58) Fluorene	15.28	166	432903	21.070	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.28	204	231935	20.892	ng/ul	97
60) 4-Nitroaniline	15.33	138	74672m	20.642	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.39	198	71889	18.394	ng/ul	94
64) N-Nitrosodiphenylamine	15.50	169	371674	20.543	ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	150386	20.699	ng/ul	96
66) Hexachlorobenzene	16.29	284	161044	20.592	ng/ul#	91
67) Atrazine	16.46	200	148922	20.624	ng/ul	97
68) Pentachlorophenol	16.64	266	78609	18.915	ng/ul	92
69) Phenanthrene	17.02	178	705562	20.634	ng/ul	98
71) Anthracene	17.12	178	705051	19.991	ng/ul	98
72) Carbazole	17.39	167	585519	20.112	ng/ul	99
73) Di-n-butylphthalate	17.96	149	737276	21.533	ng/ul	99
74) Fluoranthene	19.04	202	830647	20.351	ng/ul#	95
77) Pyrene	19.41	202	869246	20.706	ng/ul#	94
78) Butylbenzylphthalate	20.33	149	335072	22.659	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.11	252	257781	22.565	ng/ul	98
80) Benzo(a)anthracene	21.17	228	864232	20.712	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.10	149	482683	21.755	ng/ul	99
82) Chrysene	21.22	228	780982	20.403	ng/ul	99
84) Di-n-octyl phthalate	21.97	149	779279	20.164	ng/ul	97
85) Benzo(b)fluoranthene	22.72	252	810972	20.592	ng/ul#	97
86) Benzo(k)fluoranthene	22.76	252	797725	20.956	ng/ul#	99
88) Benzo(a)pyrene	23.27	252	775656	20.849	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.54	276	870885	19.830	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.55	278	745782	20.109	ng/ul#	98
91) Benzo(g,h,i)perylene	26.21	276	724697	20.050	ng/ul	98

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