Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111918\

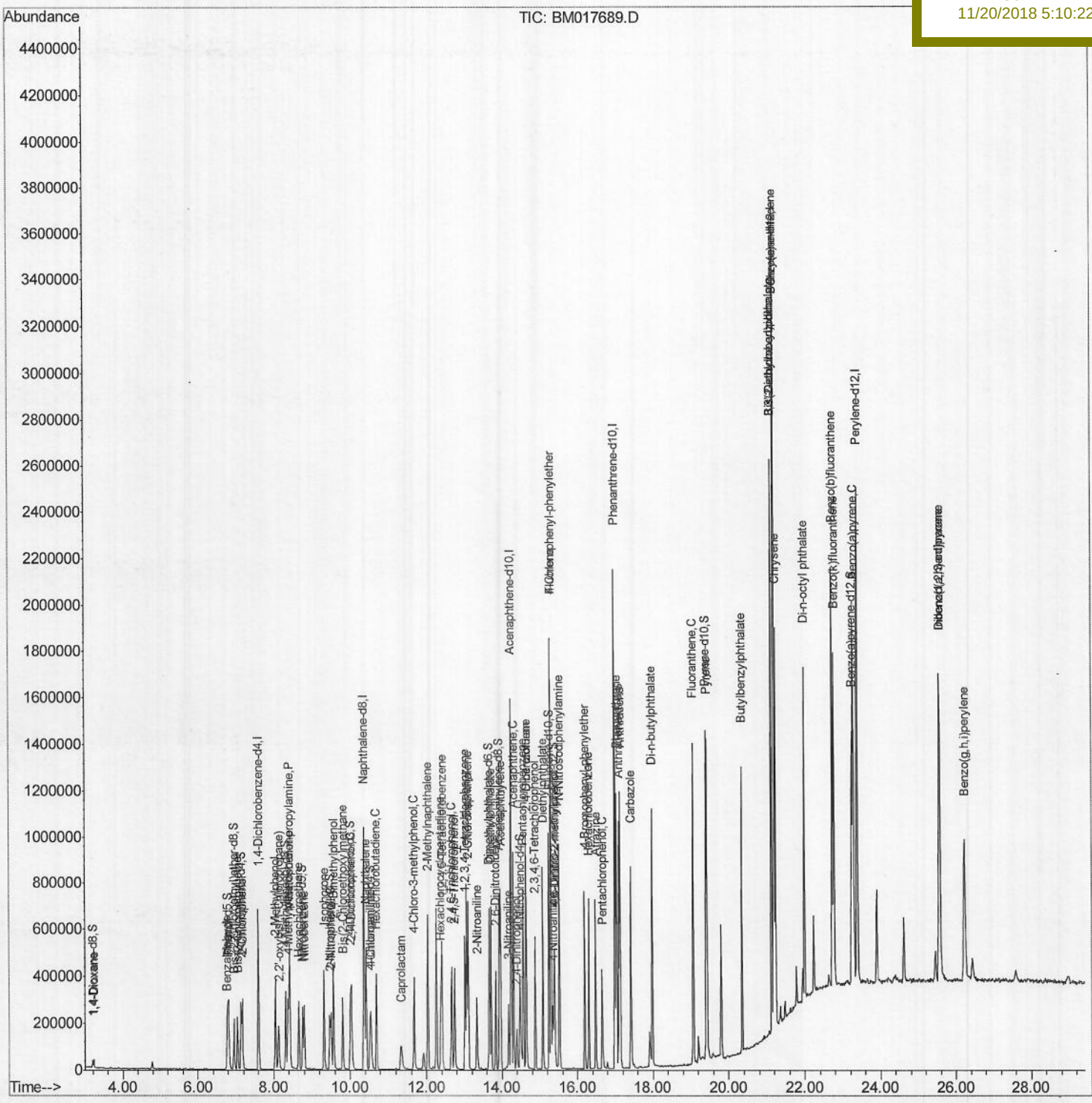
Quantitation Report (QT Reviewed)

Data File : BM017689.D
Acq On : 19 Nov 2018 19:02
Operator : MJ/SJ
Sample : SSTD01052
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 00:44:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 20 00:20:40 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01052

Manual Integrations APPROVED
Sohil
11/20/2018 5:10:22 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111918\

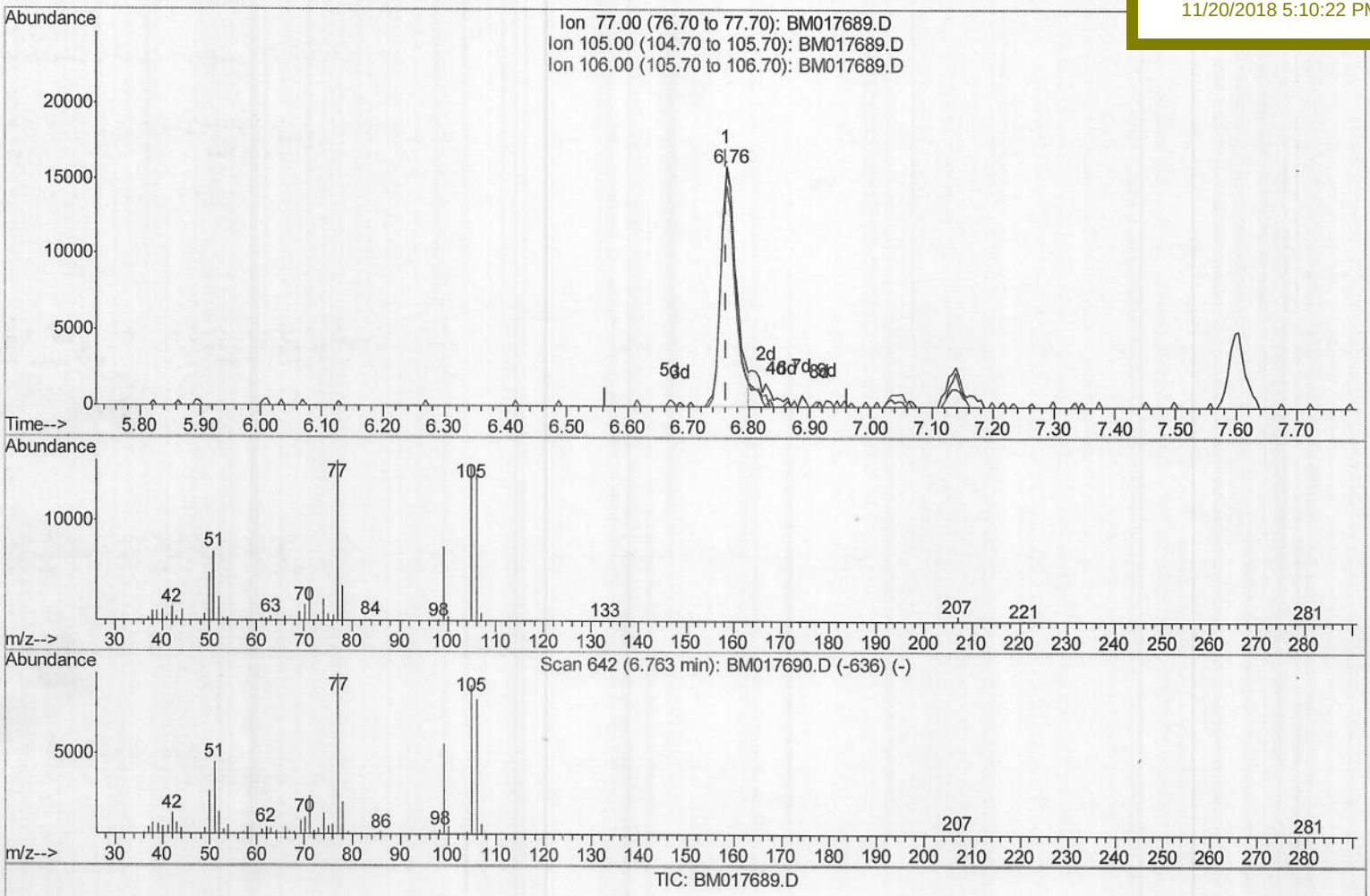
Quantitation Report (Qedit)

Data File : BM017689.D
Acq On : 19 Nov 2018 19:02
Operator : MJ/SJ
Sample : SSTD01052
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 00:23:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 20 00:20:40 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01052

Manual Integrations APPROVED
Sohil
11/20/2018 5:10:22 PM



TIC: BM017689.D

(4) Benzaldehyde

6.763min (-0.000) 8.72ng/ul

response 27938

Ion	Exp%	Act%
77.00	100	100
105.00	93.00	97.07
106.00	84.30	91.93
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111918\

Quantitation Report (Qedit)

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Acq On : 19 Nov 2018 19:02
Operator : MJ/SJ
Sample : SSTD01052
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 00:23:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
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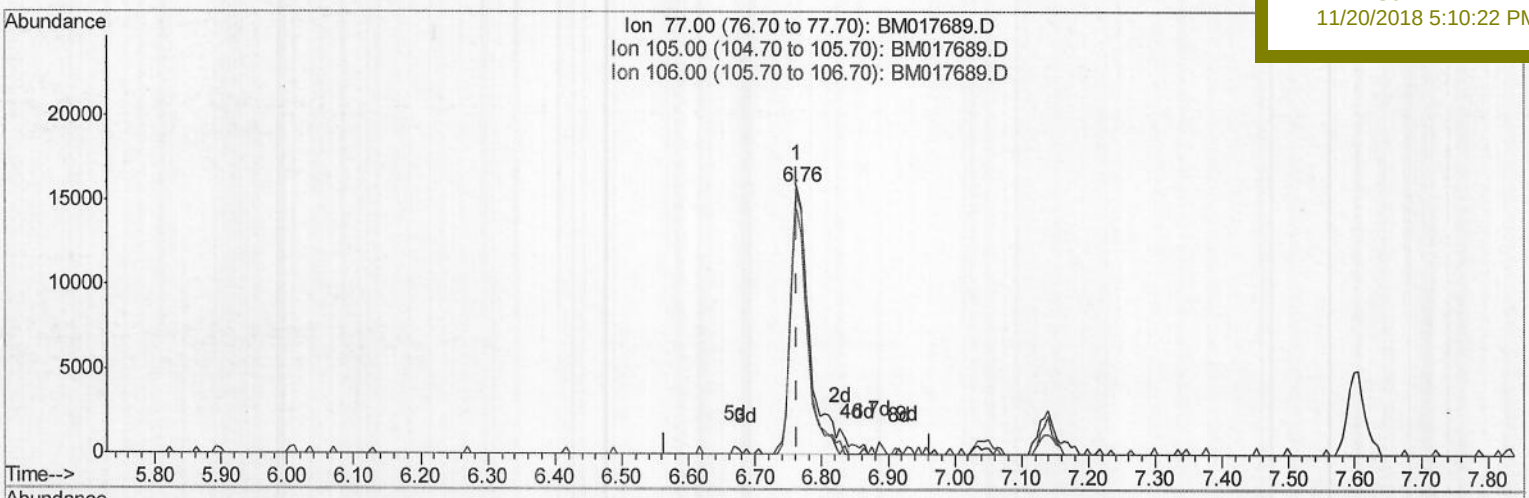
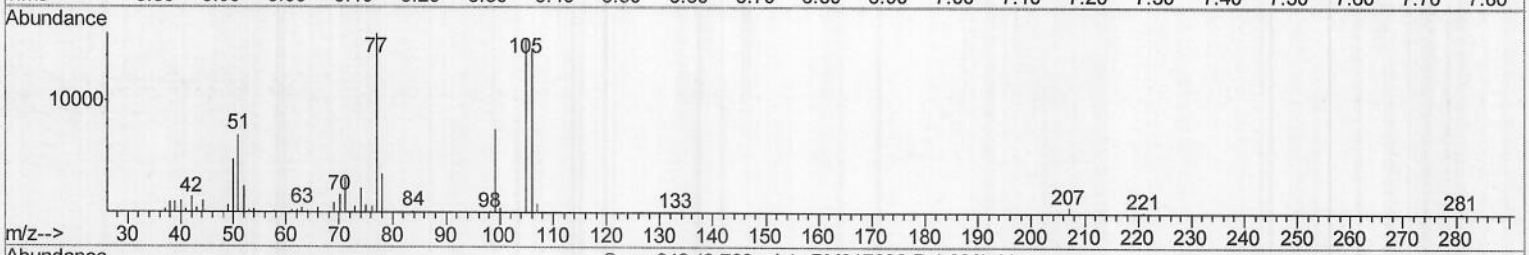
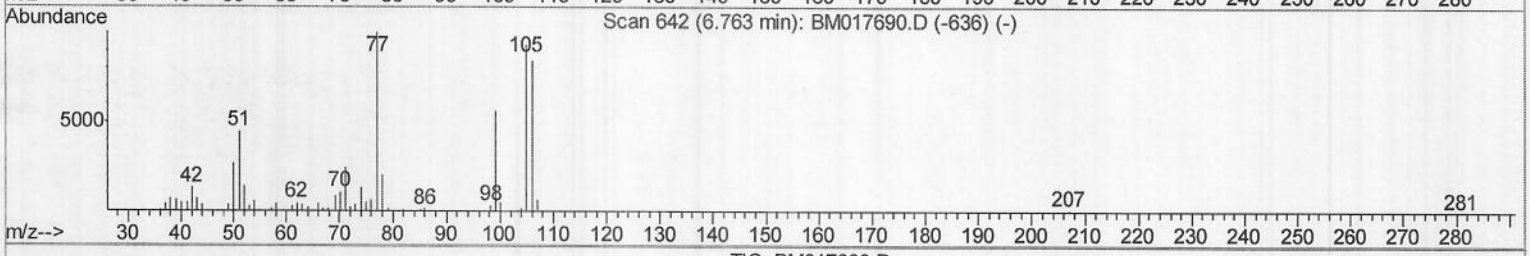
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01052

Manual Integrations APPROVED
Sohil
11/20/2018 5:10:22 PM







TIC: BM017689.D

(4) Benzaldehyde

6.763min (-0.000) 9.89ng/ul m

response 31668

SJ 11/20/18

Ion	Exp%	Act%
77.00	100	100
105.00	93.00	97.07
106.00	84.30	91.93
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111918\

Quantitation Report (Qedit)

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Acq On : 19 Nov 2018 19:02
Operator : MJ/SJ
Sample : SSTD01052
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 00:23:52 2018
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 20 00:20:40 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01052

Manual Integrations APPROVED
Sohil
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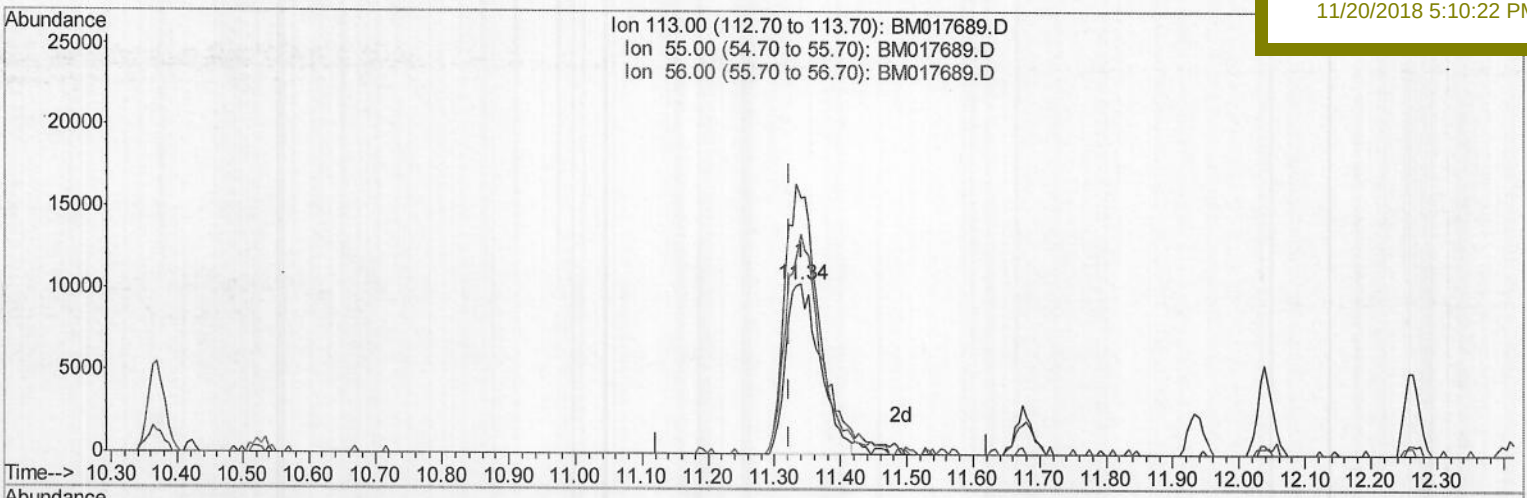

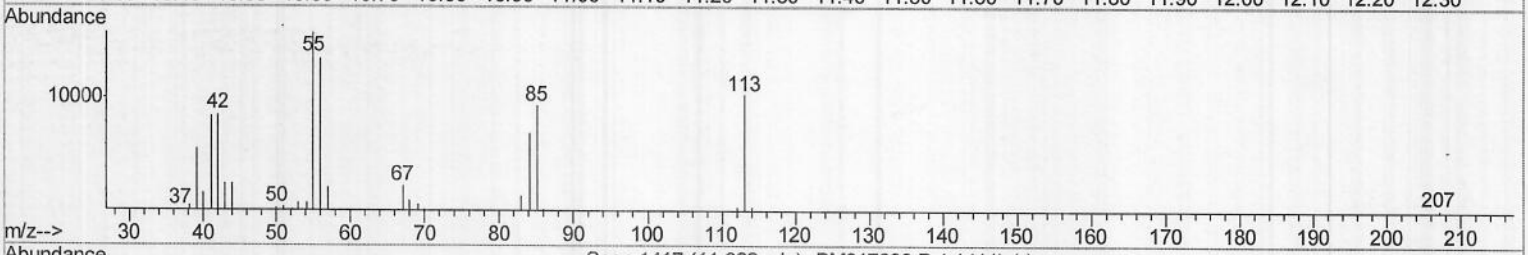

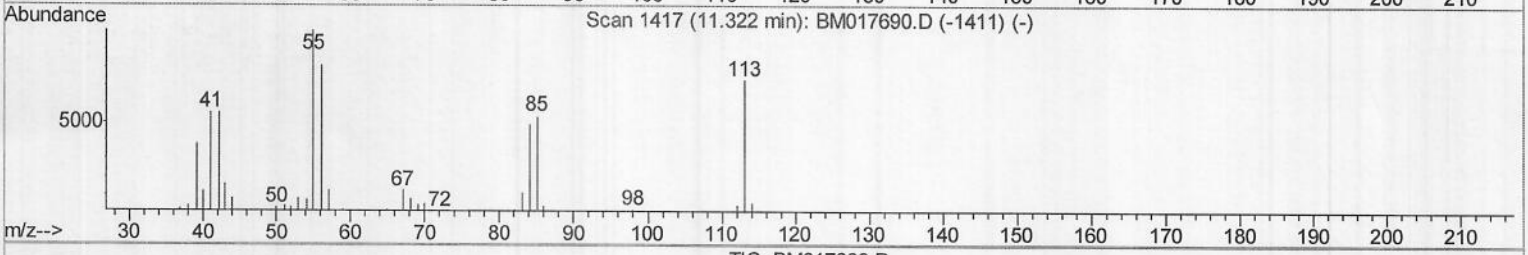

TIC: BM017689.D

(32) Caprolactam

11.339min (+0.018) 9.94ng/ul

response 37213

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	150.59
56.00	110.30	129.10
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111918\

Quantitation Report (Qedit)

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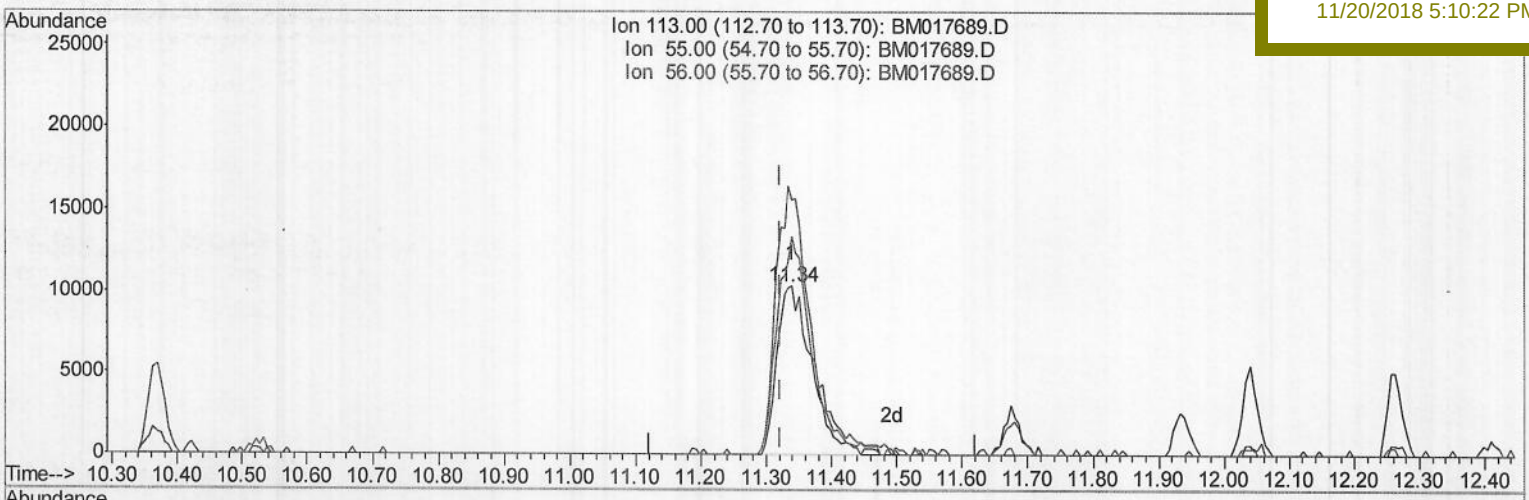
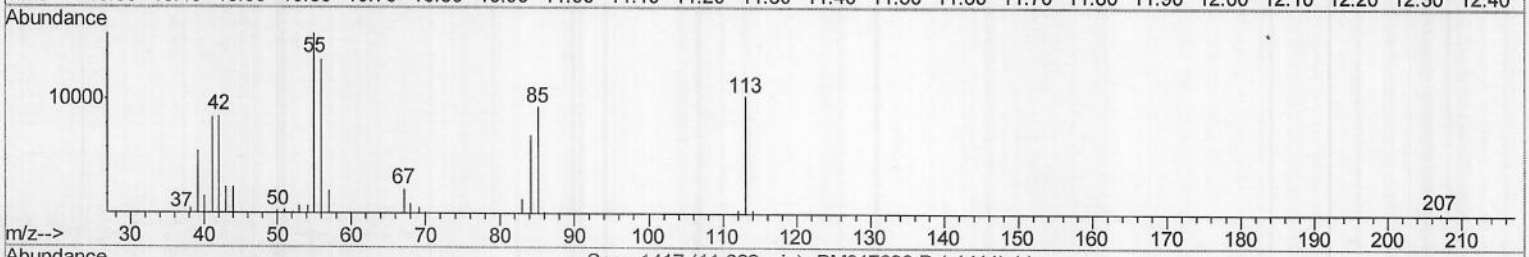
Acq On : 19 Nov 2018 19:02
Operator : MJ/SJ
Sample : SSTD01052
Misc :
ALS Vial : 3 Sample Multiplier: 1

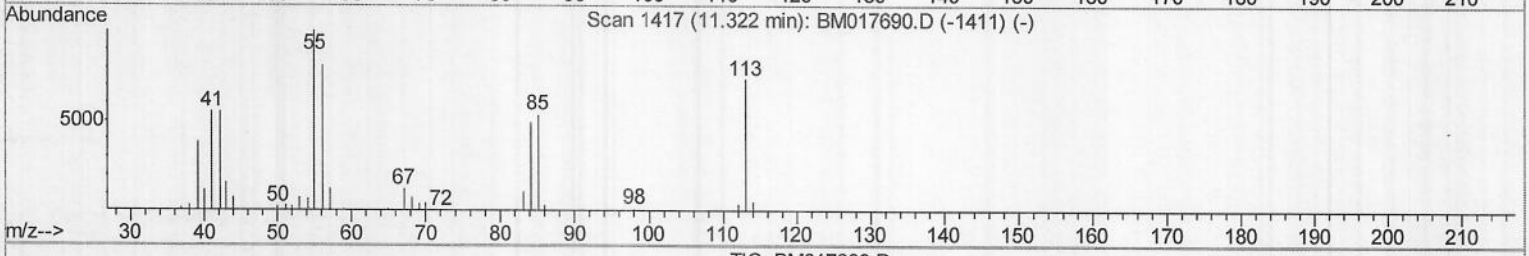
Quant Time: Nov 20 00:23:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 20 00:20:40 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01052

Manual Integrations APPROVED
Sohil
11/20/2018 5:10:22 PM







TIC: BM017689.D

(32) Caprolactam

11.339min (+0.018) 10.17ng/ul m

response 38053

SJ 11/20/18

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	150.59
56.00	110.30	129.10
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111918\

Quantitation Report (QT Reviewed)

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Misc :
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ClientSampleId : SSTD01052

Manual Integrations APPROVED
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11/20/2018 5:10:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	181878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	816619	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	508394	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1204997	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1430591	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1475801	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	16267	3.48	ng/uL	0.00
5) Phenol-d5	6.79	99	155843	9.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	99965	10.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	126136	10.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	128290	9.90	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	60553	10.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	70561	10.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	131559	10.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	109709	10.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	442738	11.29	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	528735	10.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	67996	9.59	ng/ul	0.00
57) Fluorene-d10	15.24	176	385105	10.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	72136	9.42	ng/ul	0.00
70) Anthracene-d10	17.10	188	598903	10.45	ng/ul	0.00
78) Pyrene-d10	19.40	212	683604	9.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	789144	9.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	17083	3.422	ng/uL#	86
4) Benzaldehyde	6.76	77	31668m	9.889	ng/ul	
6) Phenol	6.81	94	155055	9.141	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.04	93	125466	10.412	ng/ul	99
10) 2-Chlorophenol	7.17	128	127359	9.958	ng/ul	97
11) 2-Methylphenol	8.05	108	118355	9.696	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	150631	11.155	ng/ul	96
14) Acetophenone	8.42	105	210896	10.582	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	109085	11.739	ng/ul	98
16) 4-Methylphenol	8.37	108	129889	9.861	ng/ul	97
17) Hexachloroethane	8.66	117	51521	9.972	ng/ul	90
20) Nitrobenzene	8.80	77	157578	9.845	ng/ul	97
21) Isophorone	9.32	82	289286	11.363	ng/ul	100
23) 2-Nitrophenol	9.50	139	72660	10.462	ng/ul	99
24) 2,4-Dimethylphenol	9.56	107	156551	10.325	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.80	93	181162	11.347	ng/ul	99
27) 2,4-Dichlorophenol	10.03	162	126948	10.349	ng/ul	96
28) Naphthalene	10.42	128	430645	10.113	ng/ul	100
30) 4-Chloroaniline	10.55	127	111848	10.025	ng/ul	98
31) Hexachlorobutadiene	10.70	225	86343	10.433	ng/ul	98
32) Caprolactam	11.34	113	38053m	10.169	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	144569	11.276	ng/ul	97
34) 2-Methylnaphthalene	12.04	142	317986	10.813	ng/ul	99

SJ 11/20/18

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Instrument : BNA_M
ClientSampleId : SSTD01052

Manual Integrations APPROVED
Sohil
11/20/2018 5:10:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	169073	9.607	ng/ul	98
37) Hexachlorocyclopentadiene	12.39	237	97039	9.817	ng/ul	98
38) 2,4,6-Trichlorophenol	12.67	196	106209	10.400	ng/ul	94
39) 2,4,5-Trichlorophenol	12.74	196	110809	9.749	ng/ul	99
40) 1,1'-Biphenyl	13.07	154	417501	9.932	ng/ul	98
41) 2-Chloronaphthalene	13.11	162	330244	9.808	ng/ul	99
42) 2-Nitroaniline	13.33	65	90671	9.994	ng/ul	98
44) Dimethylphthalate	13.71	163	436481	11.318	ng/ul	100
45) 2,6-Dinitrotoluene	13.84	165	79282	10.710	ng/ul	95
47) Acenaphthylene	13.96	152	496467	10.150	ng/ul	99
48) 3-Nitroaniline	14.17	138	69790	9.207	ng/ul	98
49) Acenaphthene	14.31	153	359378	9.950	ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	41526	9.295	ng/ul	99
52) 4-Nitrophenol	14.49	109	60545	9.532	ng/ul	95
53) Dibenzofuran	14.64	168	513981	10.273	ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	123926	11.422	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.88	232	106425	11.381	ng/ul	100
56) Diethylphthalate	15.09	149	445729	12.374	ng/ul	98
58) Fluorene	15.30	166	426967	10.683	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.30	204	217860	11.065	ng/ul	99
60) 4-Nitroaniline	15.34	138	74397	9.017	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.40	198	77738	9.740	ng/ul	91
64) N-Nitrosodiphenylamine	15.52	169	368175	10.069	ng/ul	97
65) 4-Bromophenyl-phenylether	16.20	248	134687	10.504	ng/ul	95
66) Hexachlorobenzene	16.30	284	151278	9.945	ng/ul	93
67) Atrazine	16.48	200	131202	11.226	ng/ul	99
68) Pentachlorophenol	16.66	266	83300	10.152	ng/ul	96
69) Phenanthrene	17.04	178	692572	9.962	ng/ul	98
71) Anthracene	17.13	178	702991	10.137	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	169393	8.714	ng/uL	98
73) Pentachlorobenzene	14.56	250	172812	9.249	ng/uL	97
74) Carbazole	17.42	167	613226	9.823	ng/ul	100
75) Di-n-butylphthalate	17.98	149	773021	14.227	ng/ul	99
76) Fluoranthene	19.07	202	834200	10.717	ng/ul	98
79) Pyrene	19.43	202	857404	8.948	ng/ul	99
80) Butylbenzylphthalate	20.35	149	353858	13.546	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.13	252	257985	9.986	ng/ul	99
82) Benzo(a)anthracene	21.19	228	905110	10.524	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	523368	16.106	ng/ul	99
84) Chrysene	21.24	228	848705	9.925	ng/ul	98
86) Di-n-octyl phthalate	21.99	149	890377	13.928	ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	900607	9.975	ng/ul	98
88) Benzo(k)fluoranthene	22.78	252	879086	9.775	ng/ul	99
90) Benzo(a)pyrene	23.29	252	866056	9.875	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.56	276	964554	10.905	ng/ul	99
92) Dibenzo(a,h)anthracene	25.57	278	814526	11.078	ng/ul	99
93) Benzo(g,h,i)perylene	26.23	276	783059	10.237	ng/ul	100

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