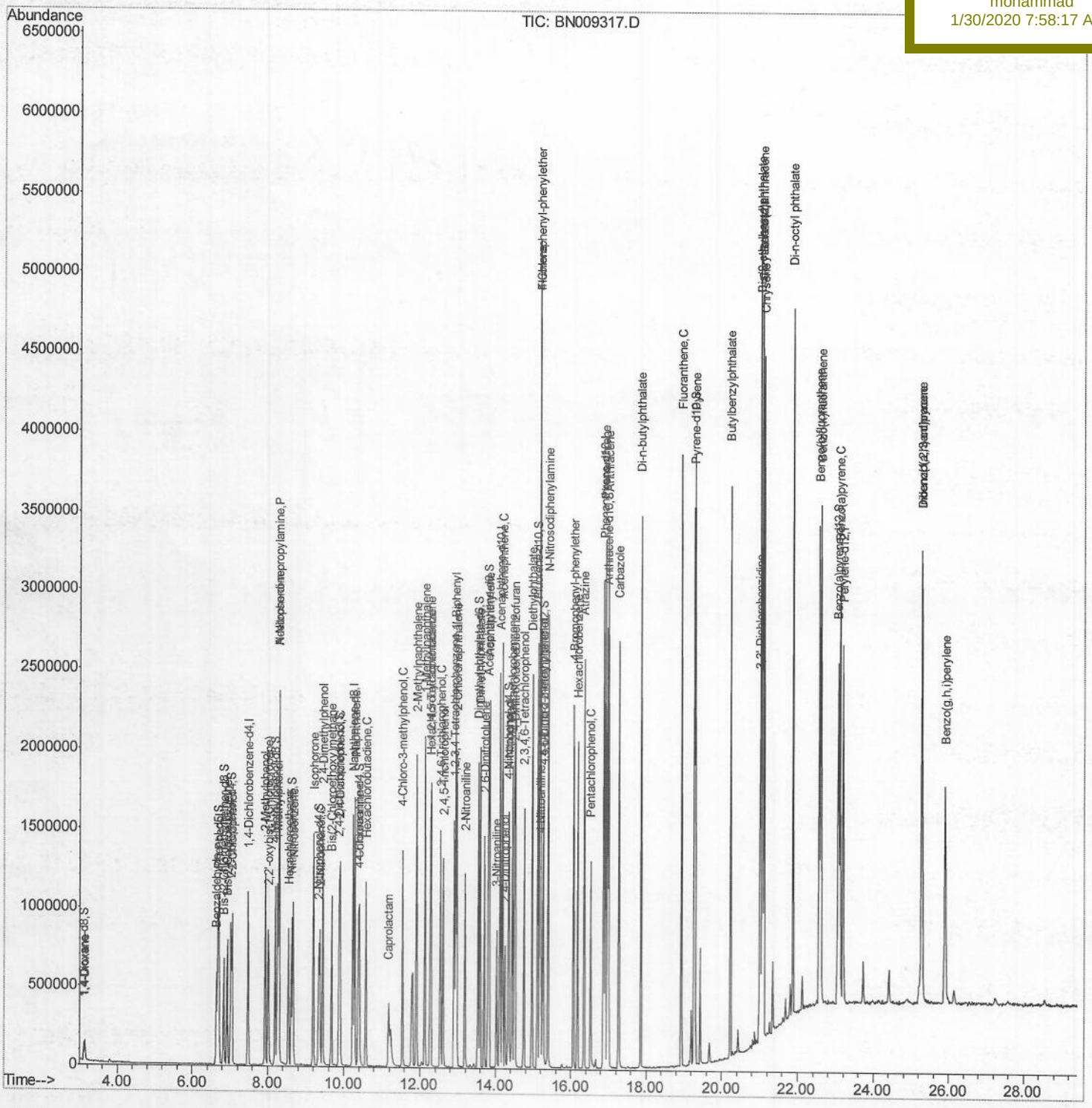
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN010720\
Data File : BN009317.D
Acq On : 07 Jan 2020 10:35
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 07 13:48:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 17:39:39 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
1/30/2020 7:58:17 AM



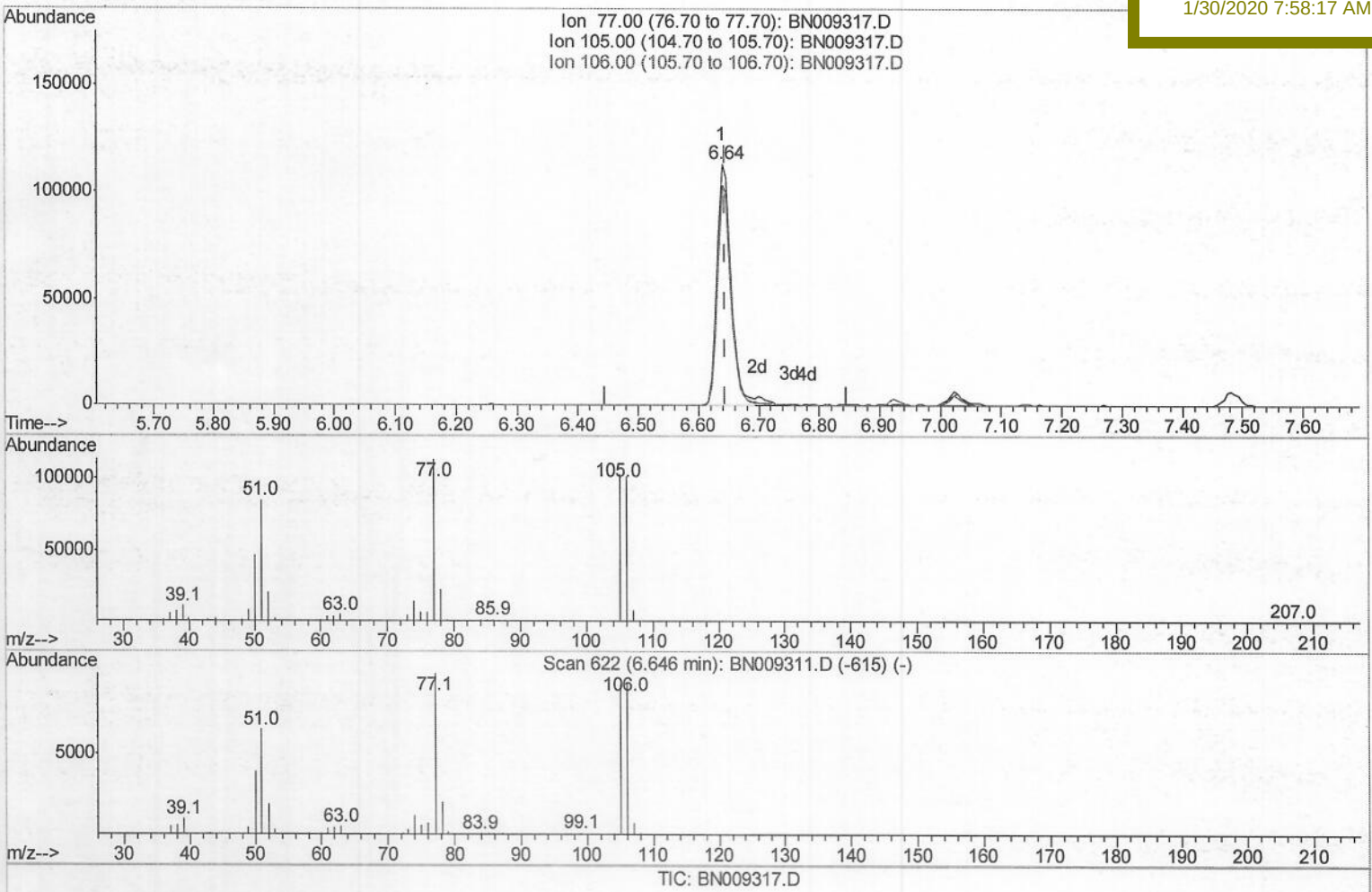
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN010720\
Data File : BN009317.D
Acq On : 07 Jan 2020 10:35
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 07 13:46:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 17:39:39 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
1/30/2020 7:58:17 AM



TIC: BN009317.D

(4) Benzaldehyde

6.640min (-0.006) 14.24ng/ul

response 182060

Ion	Exp%	Act%
77.00	100	100
105.00	93.20	91.29
106.00	94.20	90.01
0.00	0.00	0.00

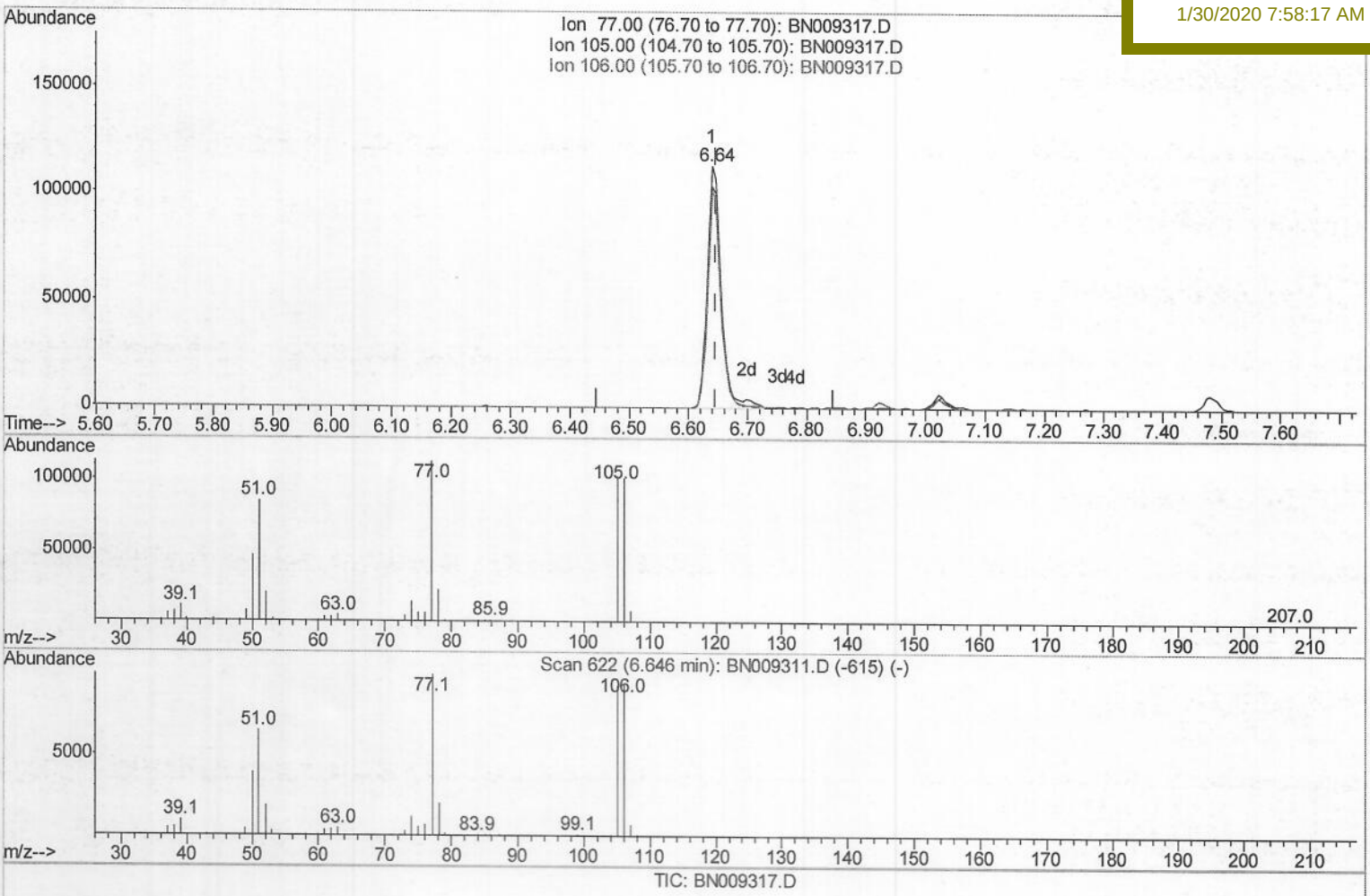
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN010720\
Data File : BN009317.D
Acq On : 07 Jan 2020 10:35
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 07 13:46:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 17:39:39 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
1/30/2020 7:58:17 AM



TIC: BN009317.D

(4) Benzaldehyde

6.640min (-0.006) 14.64ng/ul m JU 01/31/20

response 187220

Ion	Exp%	Act%
77.00	100	100
105.00	93.20	91.29
106.00	94.20	90.01
0.00	0.00	0.00

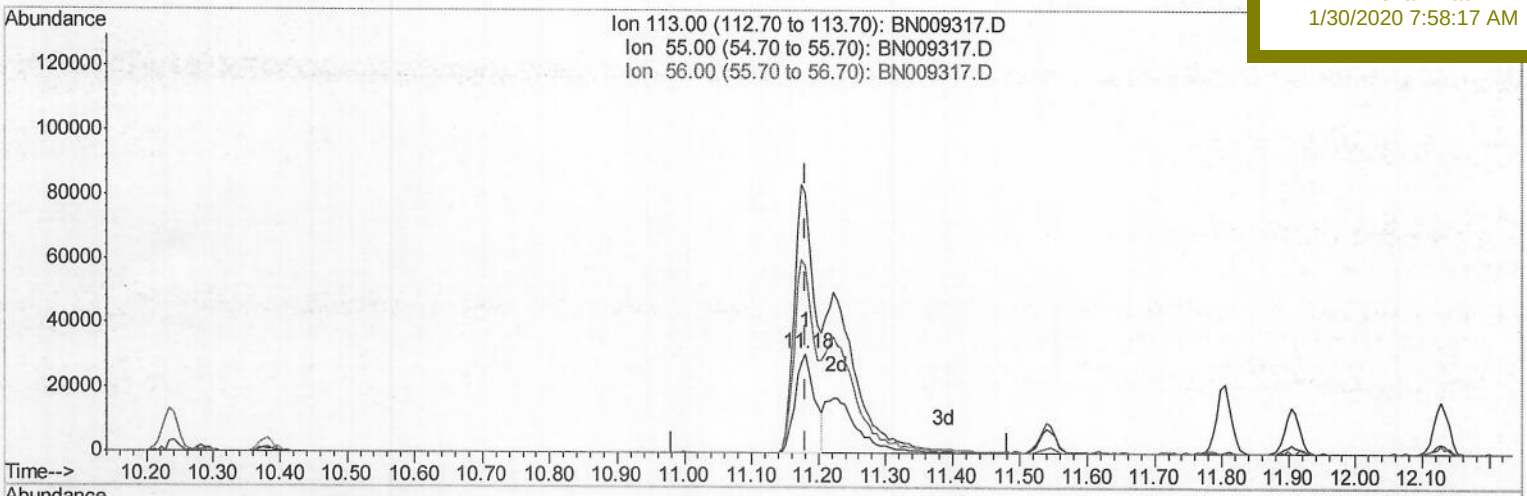
Quantitation Report (Qedit)

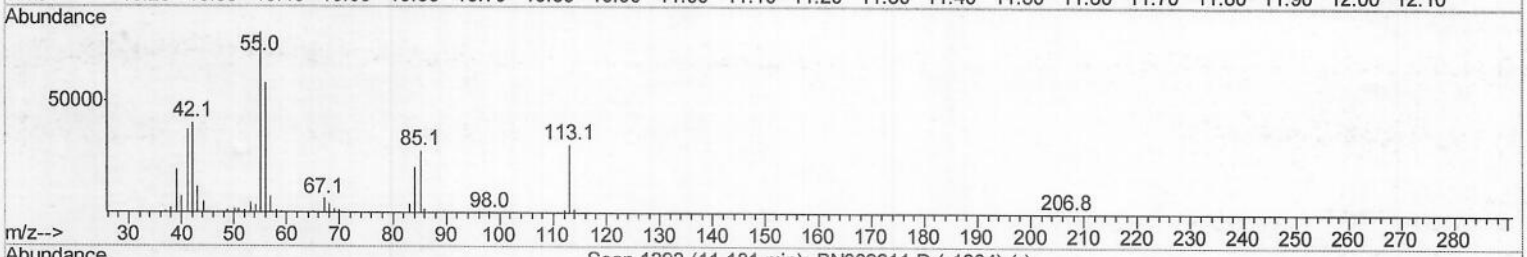
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN010720\
Data File : BN009317.D
Acq On : 07 Jan 2020 10:35
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

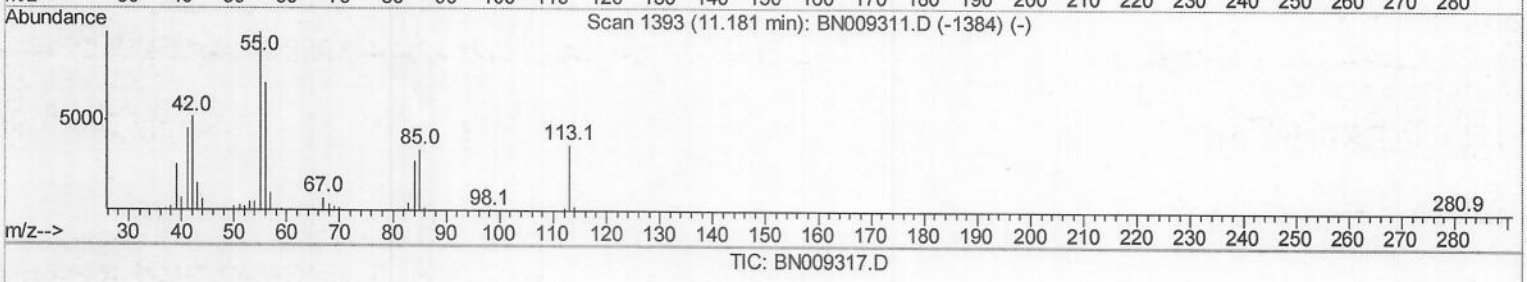
Quant Time: Jan 07 13:46:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 17:39:39 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
1/30/2020 7:58:17 AM







TIC: BN009317.D

(32) Caprolactam

11.181min (0.000) 9.73ng/ul

response 61509

Ion	Exp%	Act%
113.00	100	100
55.00	271.80	262.28
56.00	193.20	189.01
0.00	0.00	0.00

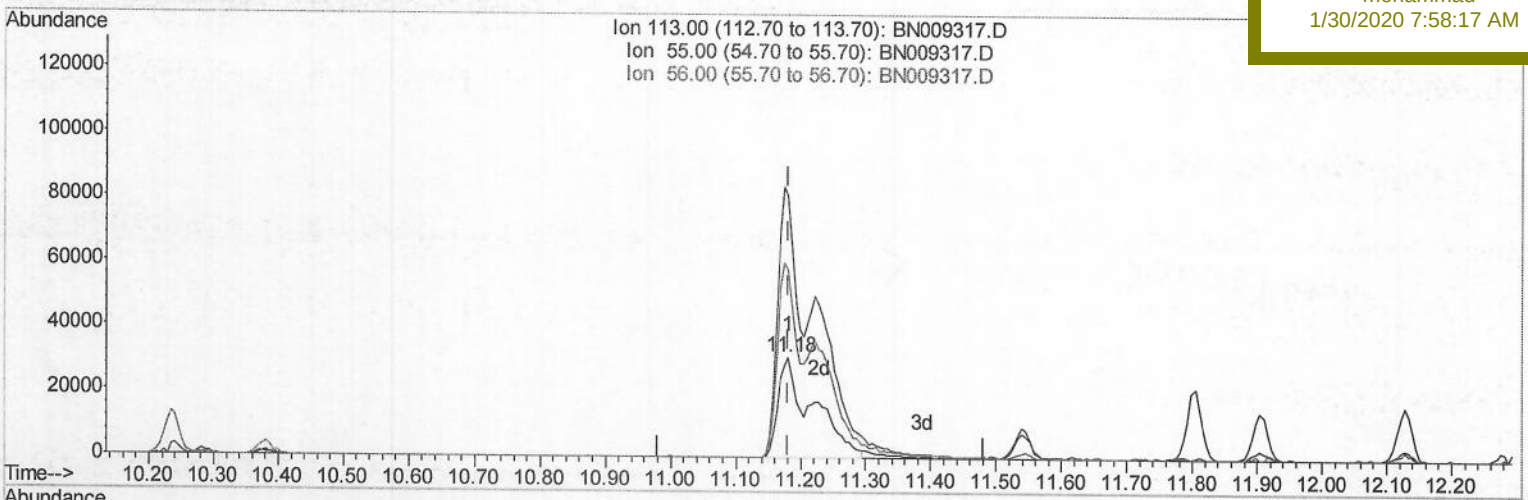
Quantitation Report (Qedit)

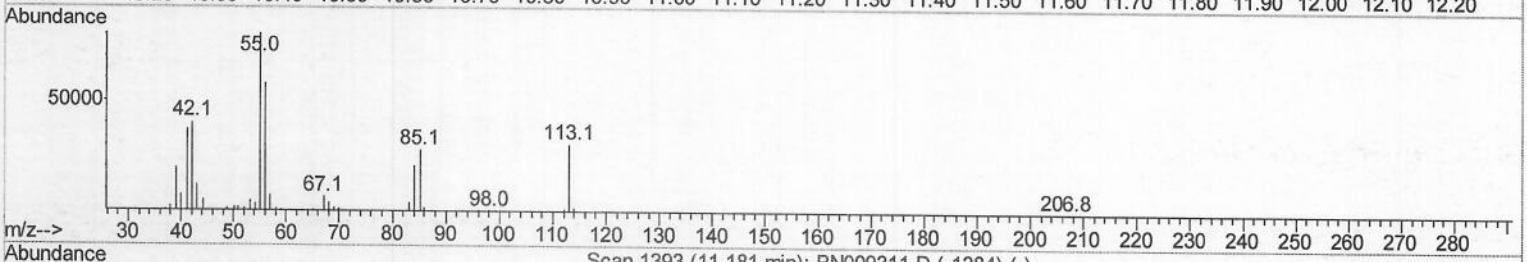
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN010720\
Data File : BN009317.D
Acq On : 07 Jan 2020 10:35
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

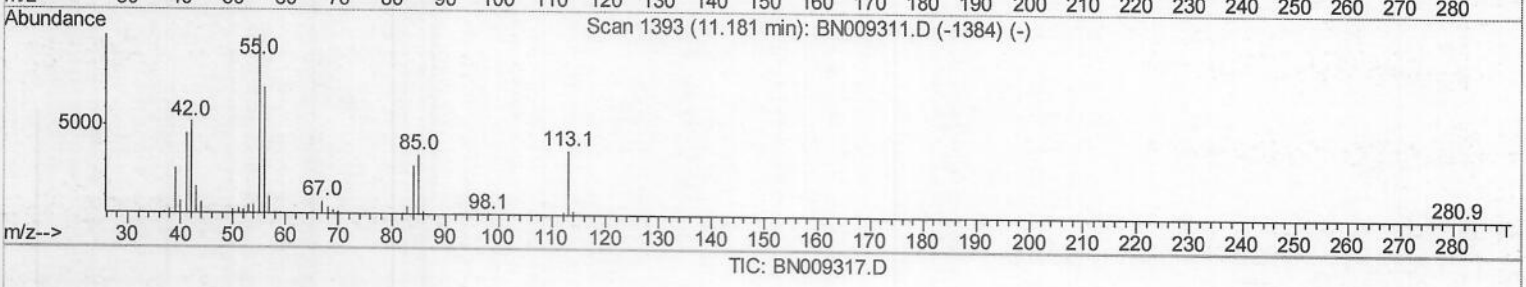
Quant Time: Jan 07 13:46:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 17:39:39 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
1/30/2020 7:58:17 AM







TIC: BN009317.D

(32) Caprolactam

11.181min (0.000) 18.13ng/ul m > JU 01/31/20

response 114549

Ion	Exp%	Act%
113.00	100	100
55.00	271.80	262.28
56.00	193.20	189.01
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN010720\
Data File : BN009317.D
Acq On : 07 Jan 2020 10:35
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 07 13:48:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 17:39:39 2020
Response via : Initial Calibration

Instrument : BNA_N
LabSampleId : SSTDCCC020

Manual Integrations APPROVED
mohammad
1/30/2020 7:58:17 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	252456	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	1139199	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	770184	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1654683	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1513293	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1475184	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	46486	7.79	ng/uL	0.00
5) Phenol-d5	6.68	99	418733	18.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	303931	19.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	321058	19.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	356617	19.23	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	168907	20.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	185920	19.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	356085	20.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	376045	18.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	1127919	19.81	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1347314	19.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	203439	18.87	ng/ul	0.00
58) Fluorene-d10	15.12	176	975610	19.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	197719	18.60	ng/ul	0.00
71) Anthracene-d10	16.96	188	1503937	20.02	ng/ul	0.00
79) Pyrene-d10	19.27	212	1639071	19.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1462652	19.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	47363	7.431	ng/uL	92
4) Benzaldehyde	6.64	77	187220m	14.640	ng/ul	JU 01/31/20
6) Phenol	6.70	94	439725	18.719	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.93	93	367142	19.534	ng/ul	95
10) 2-Chlorophenol	7.06	128	333252	19.886	ng/ul	99
11) 2-Methylphenol	7.93	108	335294	18.892	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.02	45	916134	20.531	ng/ul	100
14) Acetophenone	8.30	105	577986	19.761	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.29	70	327379	20.071	ng/ul	96
16) 4-Methylphenol	8.26	108	378265	19.277	ng/ul	97
17) Hexachloroethane	8.54	117	154852	20.210	ng/ul	95
20) Nitrobenzene	8.66	77	466677	19.915	ng/ul	97
21) Isophorone	9.19	82	902761	20.050	ng/ul	98
23) 2-Nitrophenol	9.37	139	199041	19.958	ng/ul	97
24) 2,4-Dimethylphenol	9.44	107	443353	20.076	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.67	93	541629	19.992	ng/ul	98
27) 2,4-Dichlorophenol	9.89	162	357651	20.461	ng/ul	98
28) Naphthalene	10.29	128	1202301	19.876	ng/ul	98
30) 4-Chloroaniline	10.40	127	373539	18.182	ng/ul	97
31) Hexachlorobutadiene	10.58	225	222974	19.628	ng/ul	95
32) Caprolactam	11.18	113	114549m	18.128	ng/ul	JU 01/31/20
33) 4-Chloro-3-methylphenol	11.54	107	430571	19.968	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	856821	20.053	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN010720\
Data File : BN009317.D
Acq On : 07 Jan 2020 10:35
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 07 13:48:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 17:39:39 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
1/30/2020 7:58:17 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	861240	19.746	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	435570	19.610	ng/ul	99
38) Hexachlorocyclopentadiene	12.27	237	260902	18.783	ng/ul	99
39) 2,4,6-Trichlorophenol	12.53	196	288171	19.961	ng/ul	95
40) 2,4,5-Trichlorophenol	12.61	196	307550	19.826	ng/ul	100
41) 1,1'-Biphenyl	12.94	154	1136540	19.760	ng/ul	96
42) 2-Chloronaphthalene	12.97	162	884404	19.611	ng/ul	99
43) 2-Nitroaniline	13.19	65	343266	20.298	ng/ul	97
45) Dimethylphthalate	13.59	163	1163577	19.893	ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	236292	20.129	ng/ul	98
48) Acenaphthylene	13.83	152	1451563	19.965	ng/ul	99
49) 3-Nitroaniline	14.03	138	170584	16.381	ng/ul	97
50) Acenaphthene	14.18	153	971357	19.868	ng/ul	99
51) 2,4-Dinitrophenol	14.25	184	129265	17.594	ng/ul	96
53) 4-Nitrophenol	14.36	109	180531	19.488	ng/ul	96
54) Dibenzofuran	14.52	168	1330086	19.657	ng/ul	100
55) 2,4-Dinitrotoluene	14.50	165	345056	20.184	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.75	232	269947	19.875	ng/ul	99
57) Diethylphthalate	14.97	149	1205500	19.804	ng/ul	99
59) Fluorene	15.17	166	1130068	19.832	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.17	204	566775	19.941	ng/ul	99
61) 4-Nitroaniline	15.20	138	192968	16.251	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.27	198	210298	18.814	ng/ul	97
65) N-Nitrosodiphenylamine	15.39	169	948274	19.608	ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	331108	19.598	ng/ul	95
67) Hexachlorobenzene	16.18	284	371749	19.625	ng/ul	98
68) Atrazine	16.36	200	356716	19.398	ng/ul	95
69) Pentachlorophenol	16.53	266	203207	17.770	ng/ul	93
70) Phenanthrene	16.91	178	1819203	19.893	ng/ul	99
72) Anthracene	17.00	178	1839943	19.900	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	439070	19.618	ng/uL	100
74) Pentachlorobenzene	14.45	250	430400	19.860	ng/uL	98
75) Carbazole	17.27	167	1549421	19.695	ng/ul	99
76) Di-n-butylphthalate	17.86	149	2072181	19.955	ng/ul	100
77) Fluoranthene	18.93	202	2082960	19.817	ng/ul	99
80) Pyrene	19.30	202	2155261	19.770	ng/ul	99
81) Butylbenzylphthalate	20.23	149	914597	20.005	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.00	252	503171	15.679	ng/ul	98
83) Benzo(a)anthracene	21.06	228	1998431	19.423	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1372877	19.908	ng/ul	99
85) Chrysene	21.11	228	1920375	19.181	ng/ul	99
87) Di-n-octyl phthalate	21.87	149	2241725	20.365	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1835975	19.746	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	1831055	19.943	ng/ul	99
91) Benzo(a)pyrene	23.10	252	1683555	20.406	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.28	276	1760853	19.696	ng/ul	97
93) Dibenzo(a,h)anthracene	25.29	278	1516575	20.192	ng/ul	98
94) Benzo(g,h,i)perylene	25.90	276	1451774	20.153	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN010720\
Data File : BN009317.D
Acq On : 07 Jan 2020 10:35
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 07 13:48:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 17:39:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
1/30/2020 7:58:17 AM