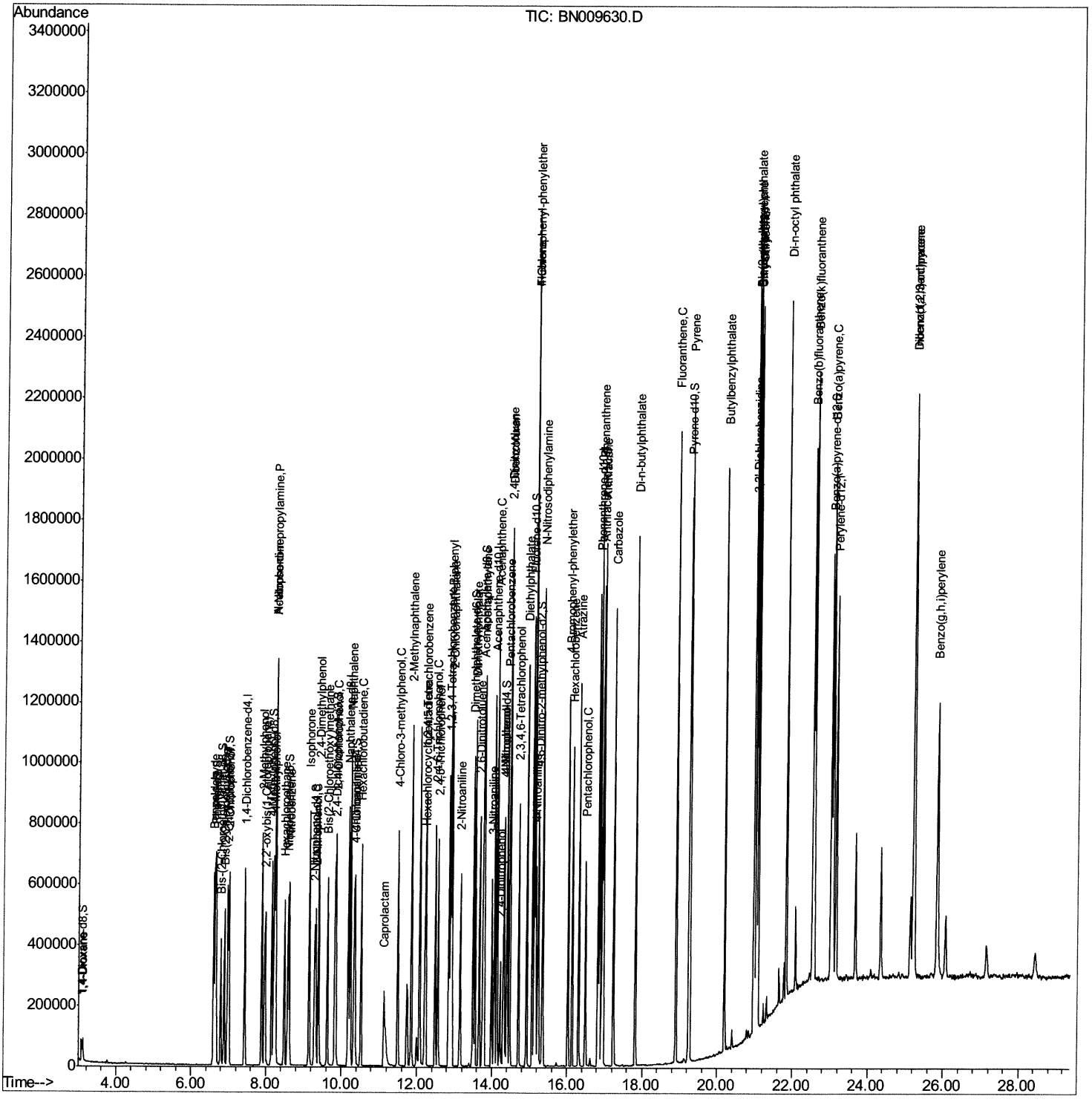
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009630.D
Acq On : 07 Feb 2020 03:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 07 04:32:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02059

Manual Integrations APPROVED
mohammad
2/10/2020 8:20:11 AM



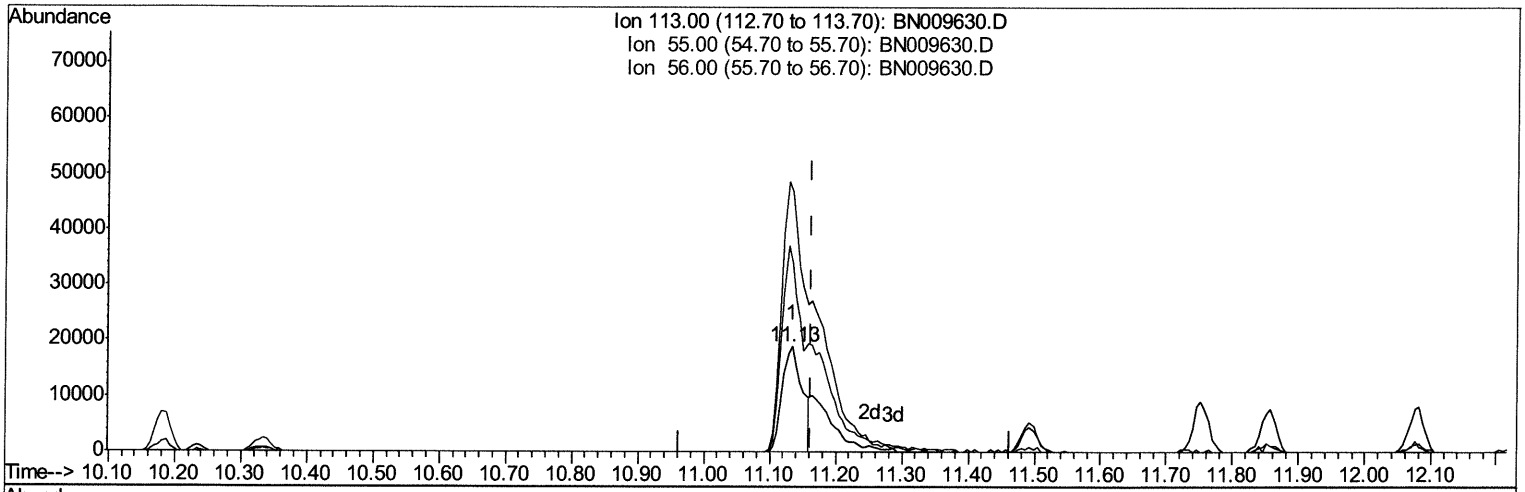
Quantitation Report (Qedit)

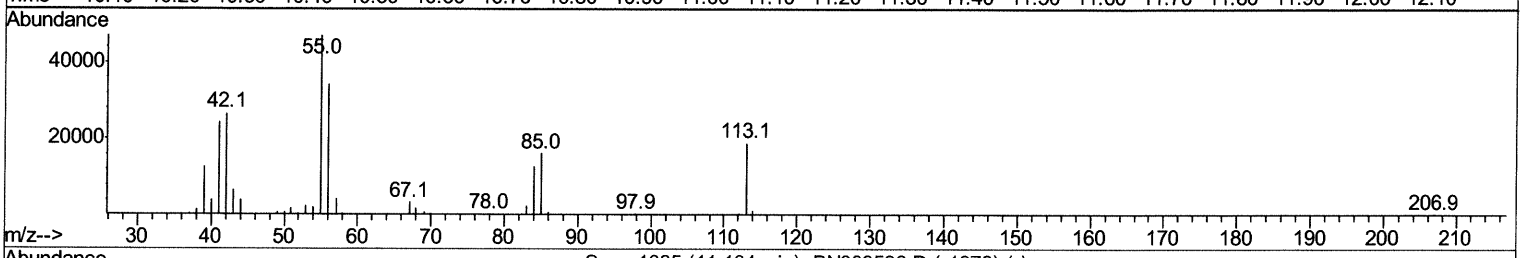
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009630.D
Acq On : 07 Feb 2020 03:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

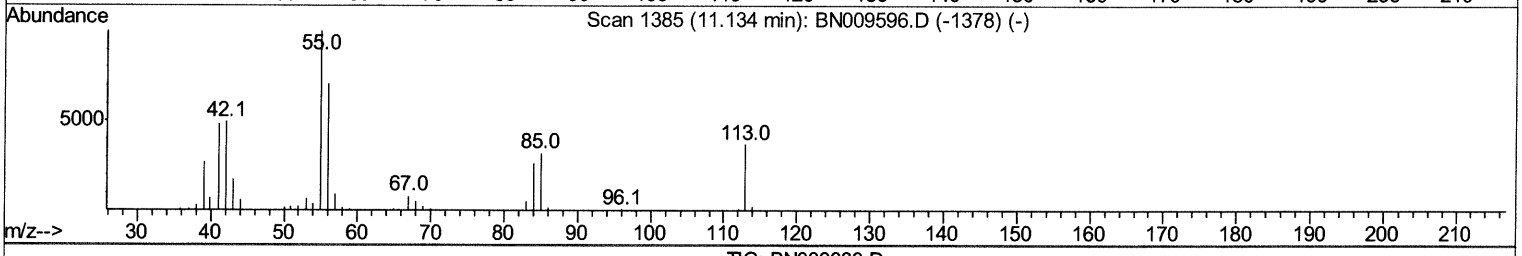
Quant Time: Feb 07 04:30:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02059

Manual Integrations APPROVED
mohammad
2/10/2020 8:20:11 AM







TIC: BN009630.D

(32) Caprolactam

11.134min (-0.029) 12.15ng/ul

response 39481

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	248.01
56.00	199.10	180.19
0.00	0.00	0.00

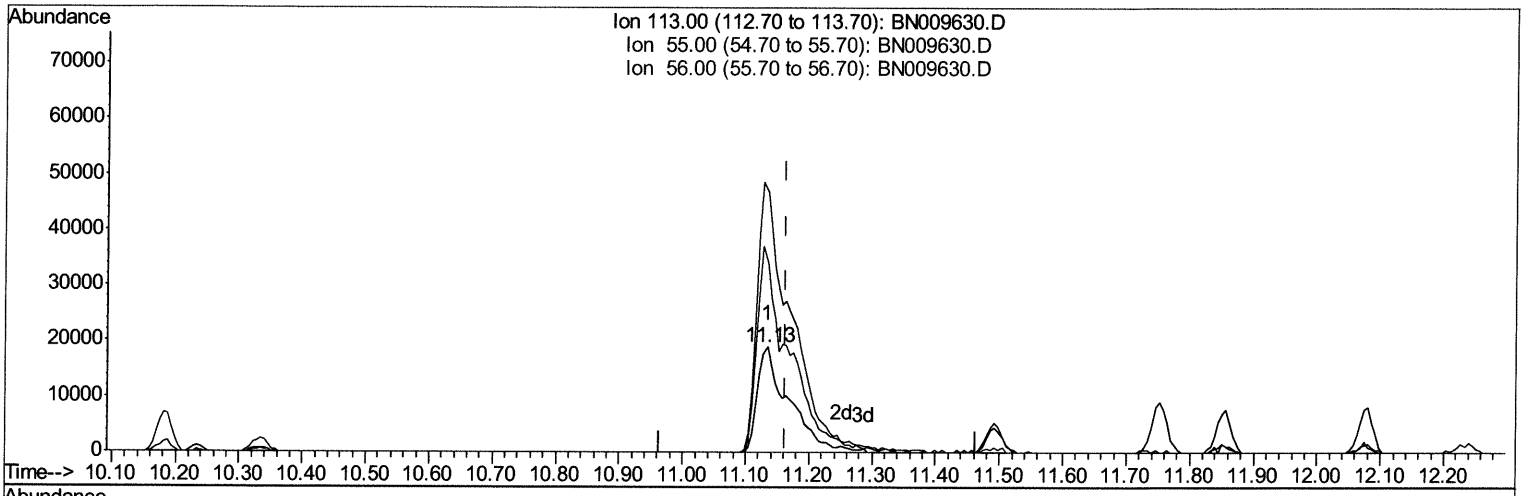
Quantitation Report (Qedit)

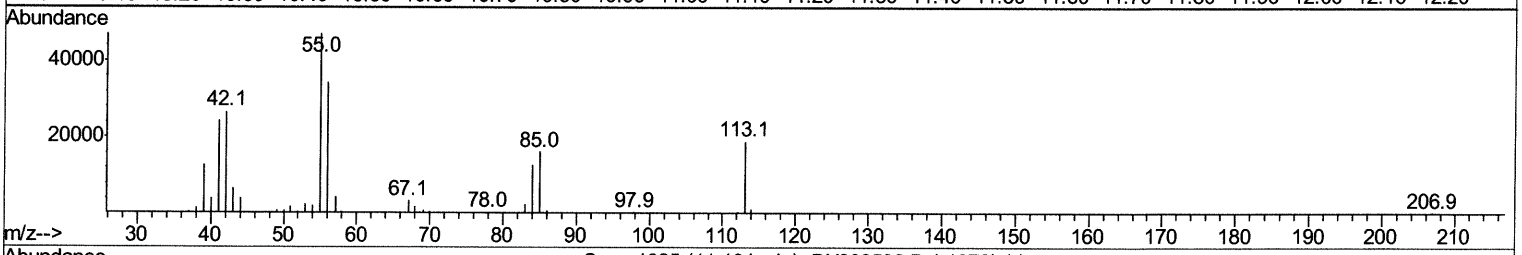
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009630.D
Acq On : 07 Feb 2020 03:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

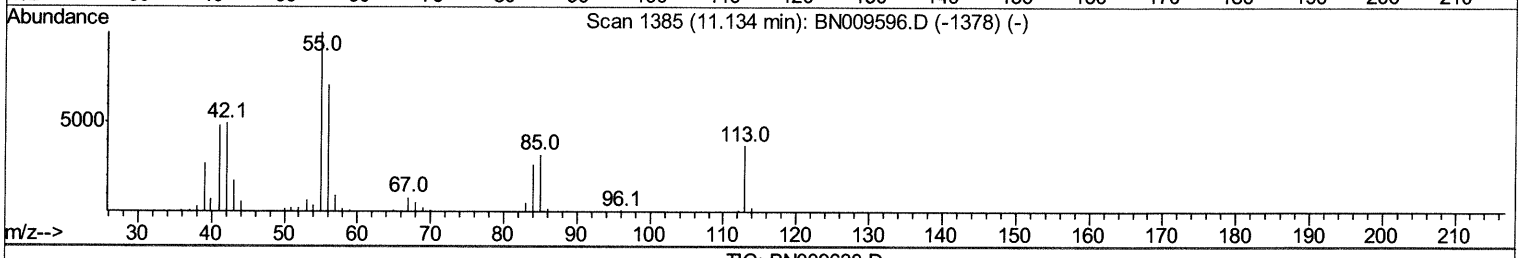
Quant Time: Feb 07 04:30:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02059

Manual Integrations APPROVED
mohammad
2/10/2020 8:20:11 AM







TIC: BN009630.D

(32) Caprolactam

11.134min (-0.029) 20.12ng/ul m JU 02/13/20

response 65384

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	248.01
56.00	199.10	180.19
0.00	0.00	0.00

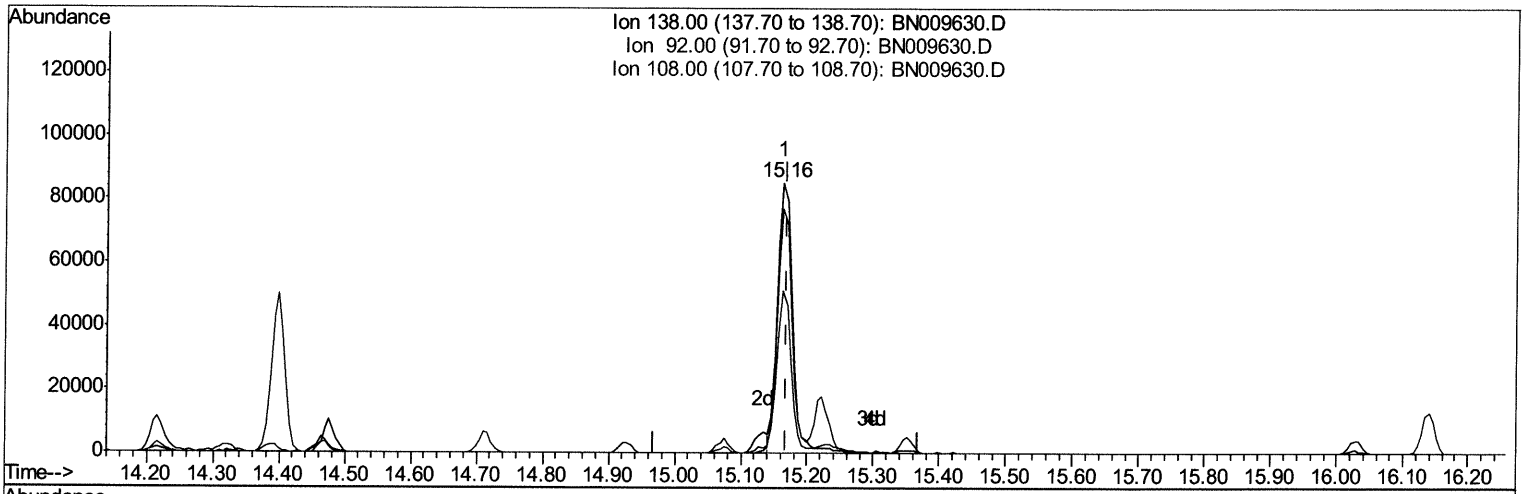
Quantitation Report (Qedit)

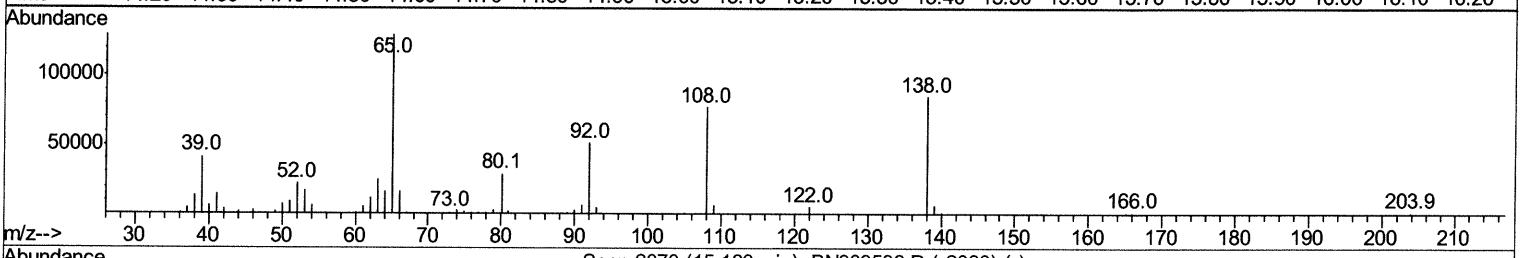
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009630.D
Acq On : 07 Feb 2020 03:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

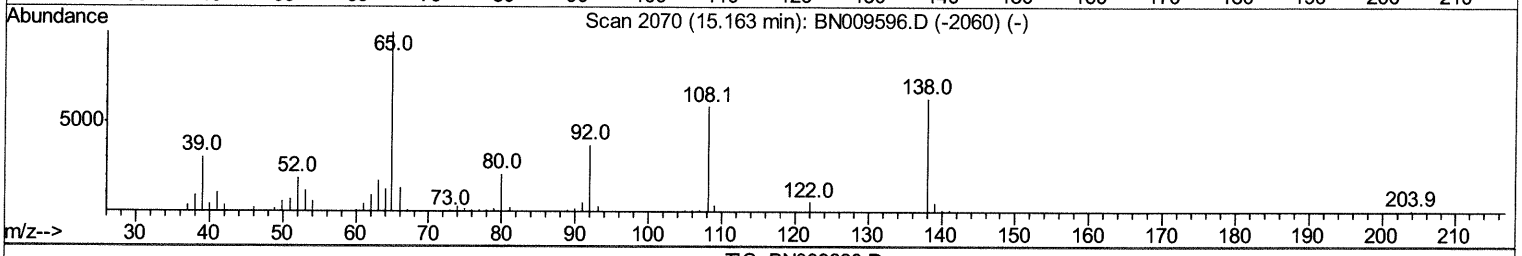
Quant Time: Feb 07 04:31:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02059

Manual Integrations APPROVED
mohammad
2/10/2020 8:20:11 AM







TIC: BN009630.D

(60) 4-Nitroaniline

15.163min (-0.006) 19.80ng/ul

response 134885

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	60.22
108.00	93.90	90.49
0.00	0.00	0.00

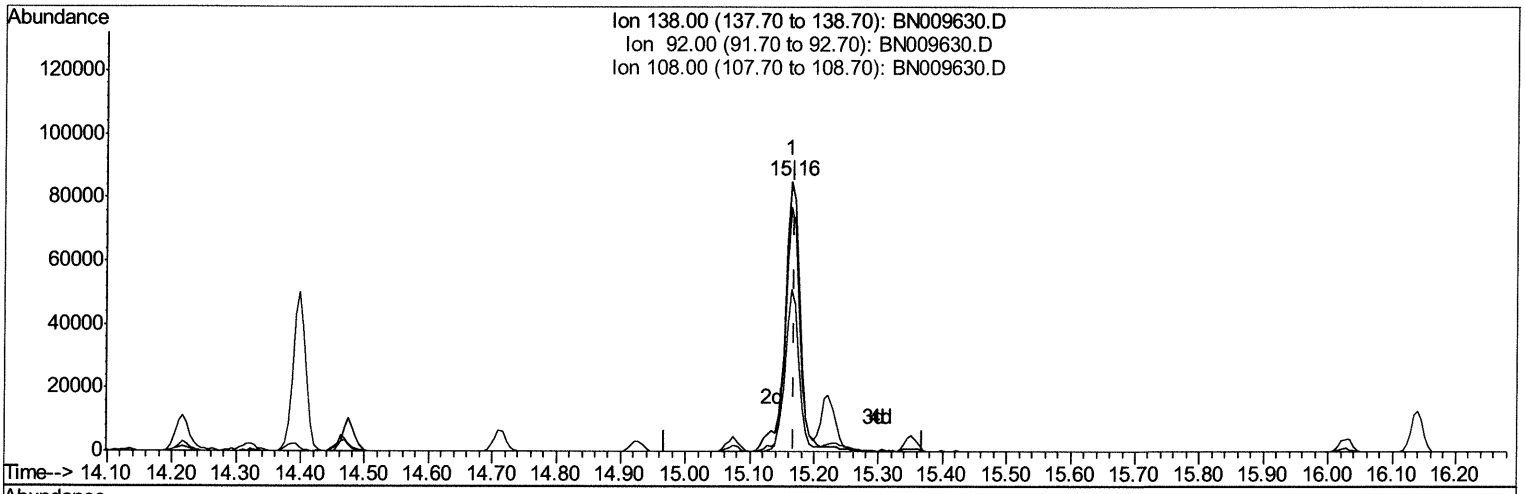
Quantitation Report (Qedit)

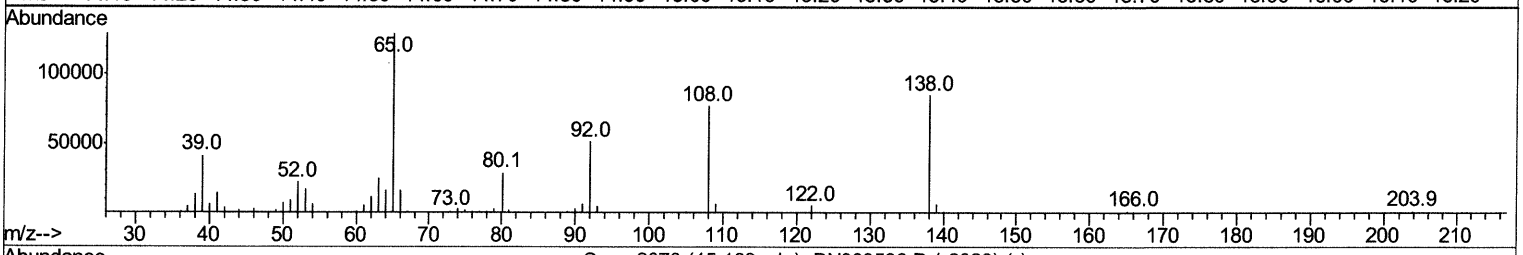
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009630.D
Acq On : 07 Feb 2020 03:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

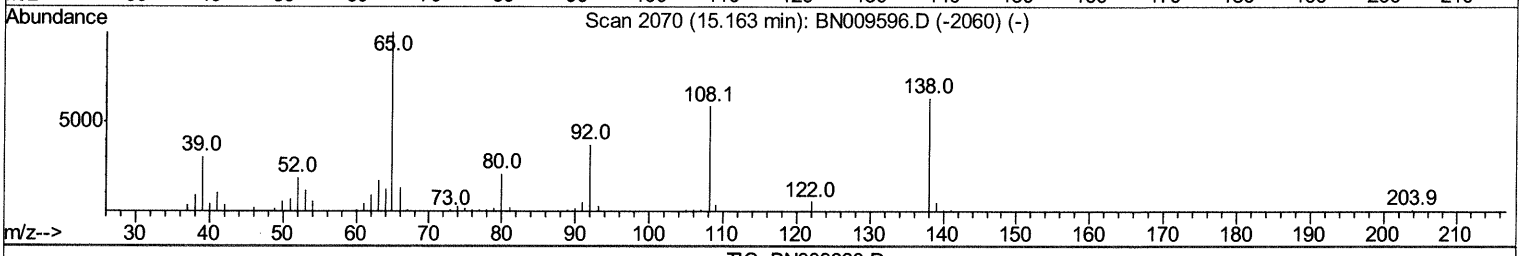
Quant Time: Feb 07 04:31:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02059

Manual Integrations APPROVED
mohammad
2/10/2020 8:20:11 AM







TIC: BN009630.D

(60) 4-Nitroaniline

15.163min (-0.006) 21.15ng/ul m JU 02/13/20

response 144080

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	60.22
108.00	93.90	90.49
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009630.D
Acq On : 07 Feb 2020 03:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 07 04:32:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument : BNA_N
LabSampleId : SSTD02059

Manual Integrations APPROVED
mohammad
2/10/2020 8:20:11 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	147613	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.18	136	614595	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.07	164	389545	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.83	188	817903	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	754492	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	818278	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	28261	7.86	ng/uL	0.00
5) Phenol-d5	6.63	99	272643	21.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	185927	21.50	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	207010	21.85	ng/ul	-0.01
13) 4-Methylphenol-d8	8.15	113	209678	20.45	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	101055	22.11	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.29	143	110482	21.66	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.82	165	209406	21.91	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.33	131	227569	22.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	601211	21.14	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	737344	21.46	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.30	143	105380	19.62	ng/ul	0.00
57) Fluorene-d10	15.07	176	526763	21.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	98340	19.25	ng/ul	0.00
70) Anthracene-d10	16.93	188	804441	21.65	ng/ul	0.00
78) Pyrene-d10	19.23	212	833631	21.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	857128	21.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	32385	7.891	ng/uL	94
4) Benzaldehyde	6.60	77	190783	21.599	ng/ul	97
6) Phenol	6.66	94	289297	21.027	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.88	93	229842	21.417	ng/ul	99
10) 2-Chlorophenol	7.01	128	220874	22.465	ng/ul	99
11) 2-Methylphenol	7.89	108	213171	20.968	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.97	45	547300	21.316	ng/ul	99
14) Acetophenone	8.25	105	337062	20.546	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.24	70	188149	21.657	ng/ul	97
16) 4-Methylphenol	8.21	108	229387	20.591	ng/ul	96
17) Hexachloroethane	8.49	117	95491	21.429	ng/ul	98
20) Nitrobenzene	8.62	77	290876	22.160	ng/ul	98
21) Isophorone	9.14	82	503257	21.310	ng/ul	98
23) 2-Nitrophenol	9.32	139	121799	21.923	ng/ul	92
24) 2,4-Dimethylphenol	9.39	107	260943	21.627	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.63	93	304693	21.227	ng/ul	98
27) 2,4-Dichlorophenol	9.85	162	213494	22.017	ng/ul	98
28) Naphthalene	10.23	128	718236	21.550	ng/ul	100
30) 4-Chloroaniline	10.36	127	229724	21.652	ng/ul	99
31) Hexachlorobutadiene	10.52	225	132433	21.388	ng/ul	96
32) Caprolactam	11.13	113	65384m>	20.115	ng/ul >	JU 02/13/20
33) 4-Chloro-3-methylphenol	11.49	107	239311	21.168	ng/ul	98
34) 2-Methylnaphthalene	11.85	142	501871	21.517	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009630.D
Acq On : 07 Feb 2020 03:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 07 04:32:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument : BNA_N
LabSampleId : SSTD02059

Manual Integrations APPROVED
mohammad
2/10/2020 8:20:11 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.24	216	251211	22.163 ng/ul	90
37) Hexachlorocyclopentadiene	12.22	237	104722	16.975 ng/ul	97
38) 2,4,6-Trichlorophenol	12.49	196	162614	22.034 ng/ul	99
39) 2,4,5-Trichlorophenol	12.56	196	170313	21.077 ng/ul	94
40) 1,1'-Biphenyl	12.89	154	638177	21.041 ng/ul	97
41) 2-Chloronaphthalene	12.93	162	506884	21.281 ng/ul	98
42) 2-Nitroaniline	13.15	65	183467	21.313 ng/ul	90
44) Dimethylphthalate	13.55	163	627389	20.789 ng/ul	99
45) 2,6-Dinitrotoluene	13.66	165	130571	22.159 ng/ul	98
47) Acenaphthylene	13.79	152	801984	21.328 ng/ul	98
48) 3-Nitroaniline	13.99	138	119131	22.266 ng/ul	95
49) Acenaphthene	14.13	153	544320	21.294 ng/ul	99
50) 2,4-Dinitrophenol	14.22	184	59928	16.480 ng/ul	93
52) 4-Nitrophenol	14.32	109	96770	20.139 ng/ul	95
53) Dibenzofuran	14.47	168	745261	20.937 ng/ul	97
54) 2,4-Dinitrotoluene	14.46	165	183940	21.283 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.72	232	143772	20.952 ng/ul#	98
56) Diethylphthalate	14.93	149	637301	21.107 ng/ul	99
58) Fluorene	15.13	166	622860	20.937 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.13	204	306237	21.193 ng/ul	94
60) 4-Nitroaniline	15.16	138	144080m >	21.151 ng/ul >	JU 02/13/20
63) 4,6-Dinitro-2-methylphenol	15.23	198	106844	19.372 ng/ul	95
64) N-Nitrosodiphenylamine	15.35	169	518791	21.223 ng/ul	98
65) 4-Bromophenyl-phenylether	16.03	248	172565	21.412 ng/ul	95
66) Hexachlorobenzene	16.14	284	189544	21.455 ng/ul	96
67) Atrazine	16.32	200	186220	20.771 ng/ul	94
68) Pentachlorophenol	16.49	266	101777	19.096 ng/ul	99
69) Phenanthrene	16.87	178	982639	21.067 ng/ul	99
71) Anthracene	16.96	178	1010520	21.351 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.86	216	263670	22.045 ng/uL	99
73) Pentachlorobenzene	14.40	250	253510	21.960 ng/uL	95
74) Carbazole	17.24	167	869327	21.096 ng/ul	99
75) Di-n-butylphthalate	17.82	149	1057139	20.929 ng/ul	99
76) Fluoranthene	18.90	202	1136675	21.352 ng/ul	99
79) Pyrene	19.26	202	1177406	21.377 ng/ul	98
80) Butylbenzylphthalate	20.19	149	477074	21.620 ng/ul	94
81) 3,3'-Dichlorobenzidine	20.97	252	338801	20.984 ng/ul	95
82) Benzo(a)anthracene	21.03	228	1111830	21.343 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	20.99	149	714176	21.479 ng/ul	99
84) Chrysene	21.07	228	1082322	20.870 ng/ul	99
86) Di-n-octyl phthalate	21.83	149	1201039	19.897 ng/ul	100
87) Benzo(b)fluoranthene	22.53	252	1085403	21.201 ng/ul	98
88) Benzo(k)fluoranthene	22.57	252	1095710	21.732 ng/ul	100
90) Benzo(a)pyrene	23.06	252	975424	20.564 ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.22	276	1185207	21.017 ng/ul	97
92) Dibenzo(a,h)anthracene	25.23	278	992038	20.898 ng/ul	98
93) Benzo(g,h,i)perylene	25.84	276	958173	20.273 ng/ul	96

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