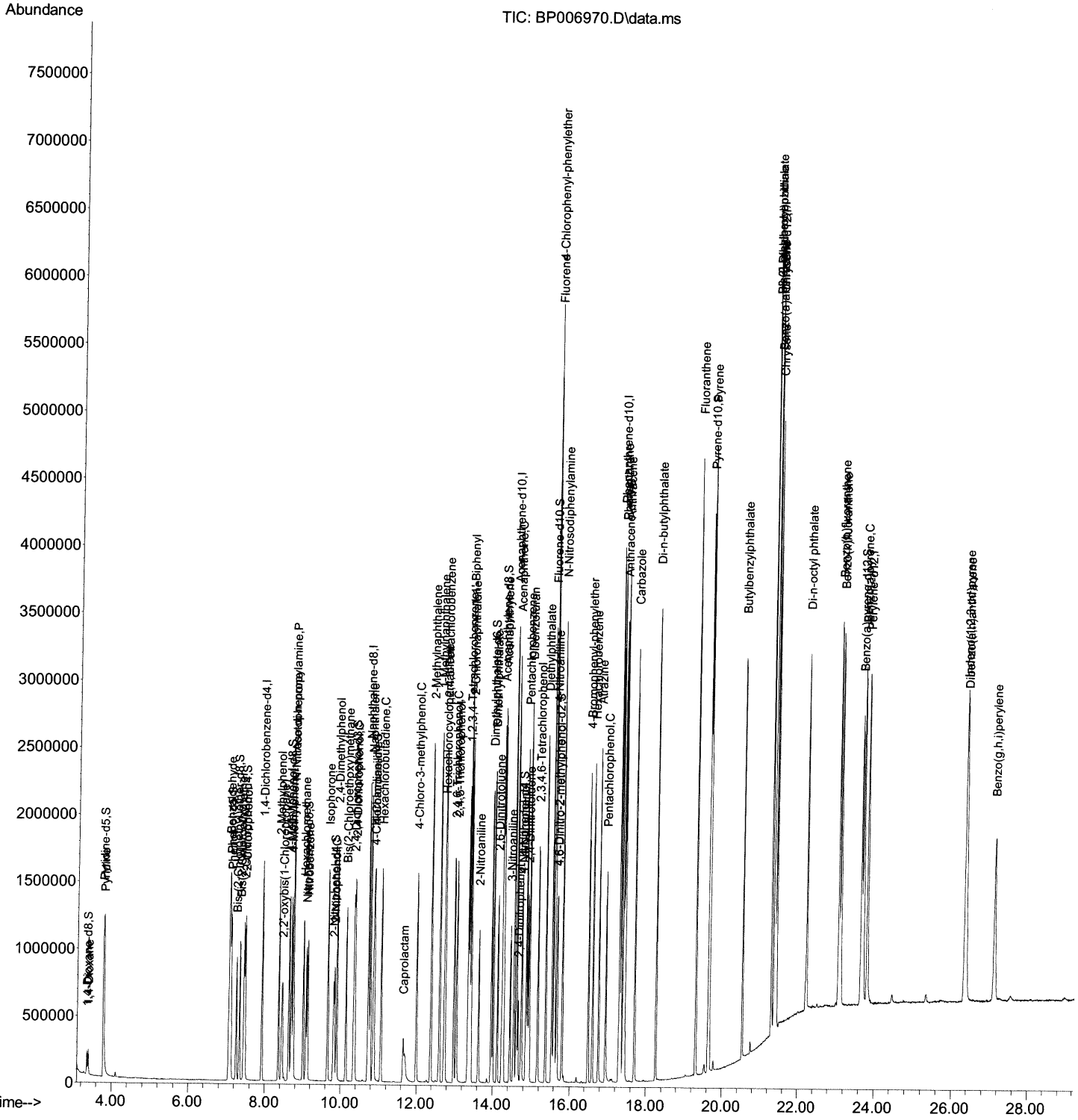
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091521\
Data File : BP006970.D
Acq On : 15 Sep 2021 09:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 10:54:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 15 10:54:36 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/16/2021 11:43:48 AM



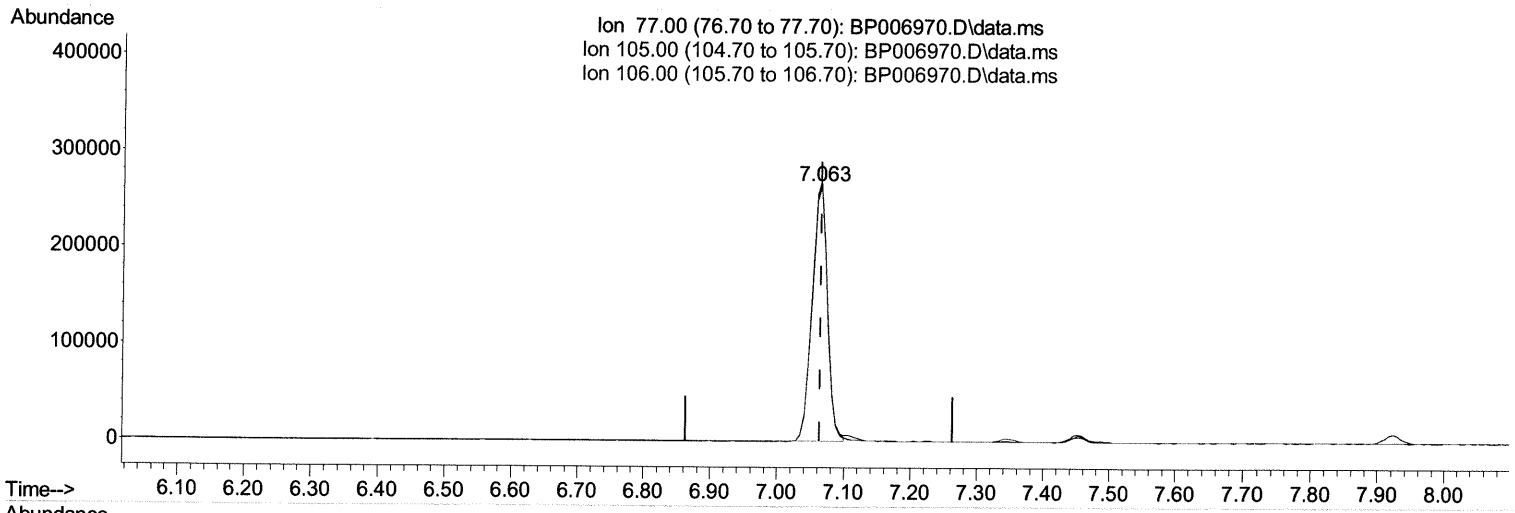
Quantitation Report (Qedit)

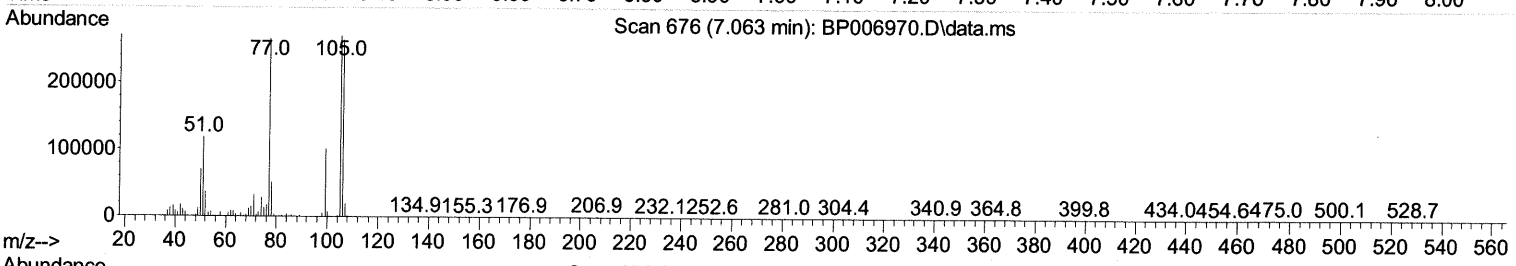
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091521\
Data File : BP006970.D
Acq On : 15 Sep 2021 09:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

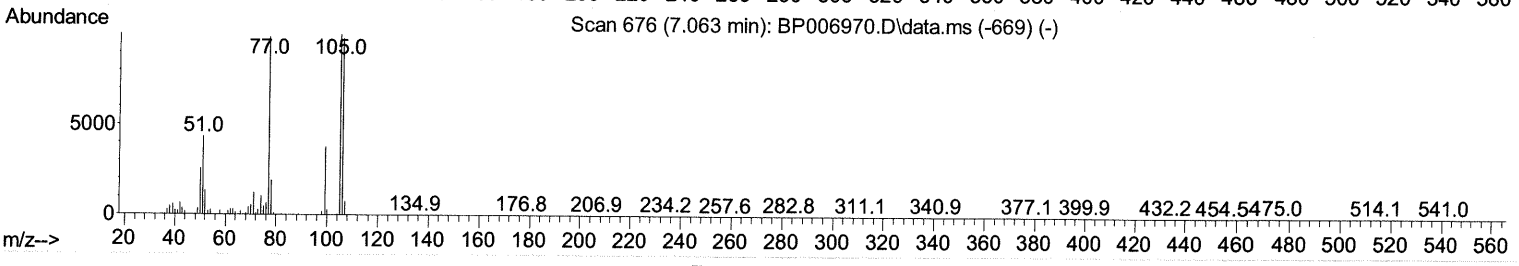
Quant Time: Sep 15 10:54:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 15 10:54:36 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/16/2021 11:43:48 AM







TIC: BP006970.D\data.ms

(6) Benzaldehyde

7.063min (0.000) 20.22 ng/ul

response 423677

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	101.78
106.00	87.90	99.45
0.00	0.00	0.00

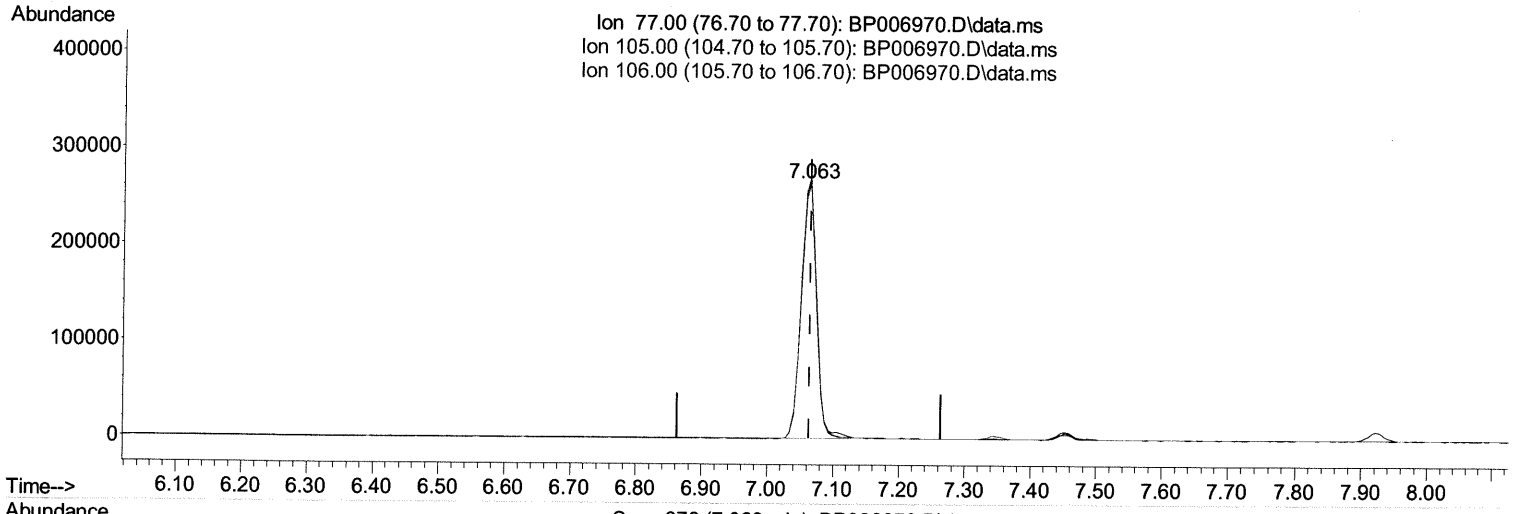
Quantitation Report (Qedit)

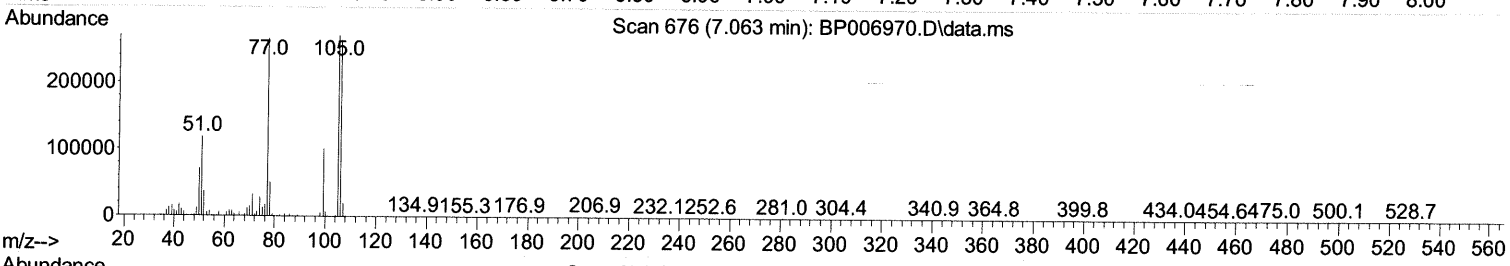
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091521\
Data File : BP006970.D
Acq On : 15 Sep 2021 09:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

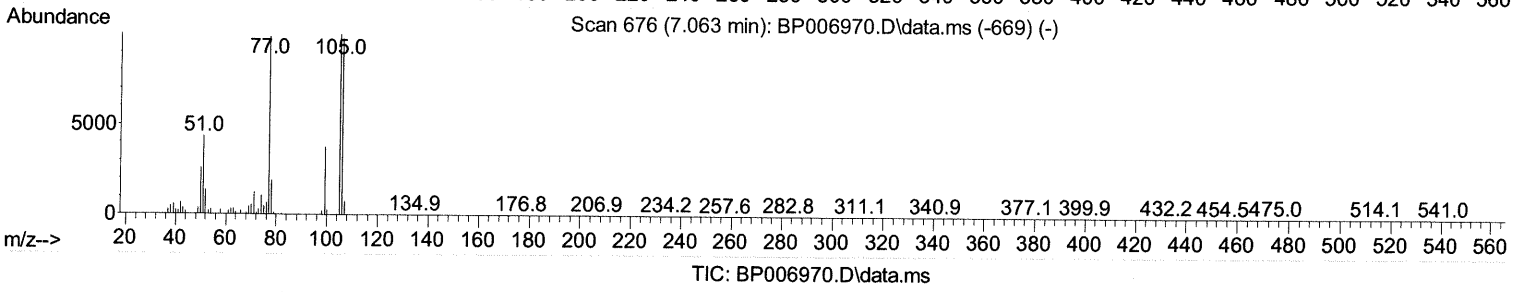
Quant Time: Sep 15 10:54:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 15 10:54:36 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/16/2021 11:43:48 AM







TIC: BP006970.D\data.ms

(6) Benzaldehyde

7.063min (0.000) 20.63 ng/ul m 09/20/21 JU

response 432185

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	101.78
106.00	87.90	99.45
0.00	0.00	0.00

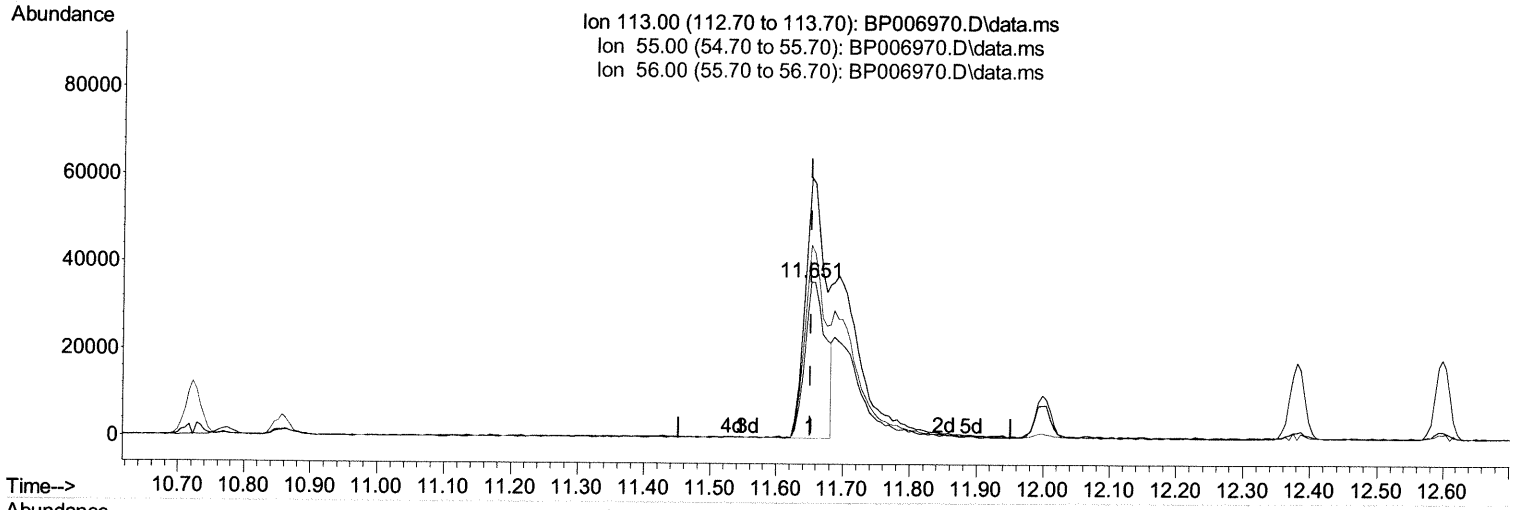
Quantitation Report (Qedit)

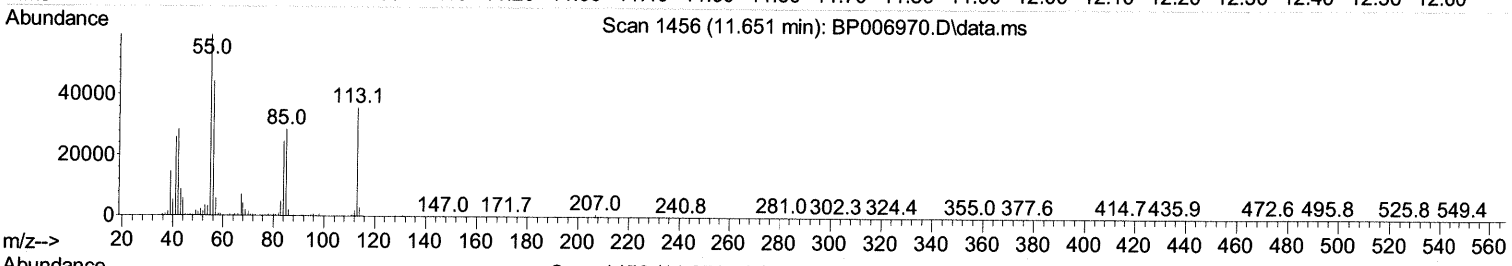
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091521\
Data File : BP006970.D
Acq On : 15 Sep 2021 09:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

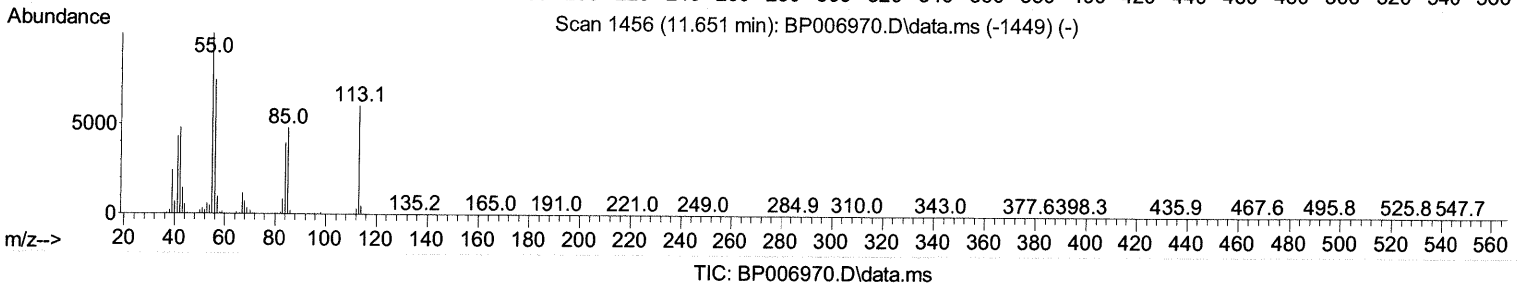
Quant Time: Sep 15 10:54:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 15 10:54:36 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/16/2021 11:43:48 AM







TIC: BP006970.D\data.ms

(34) Caprolactam

11.651min (0.000) 10.08 ng/ul

response 77898

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	166.64
56.00	122.70	123.67
0.00	0.00	0.00

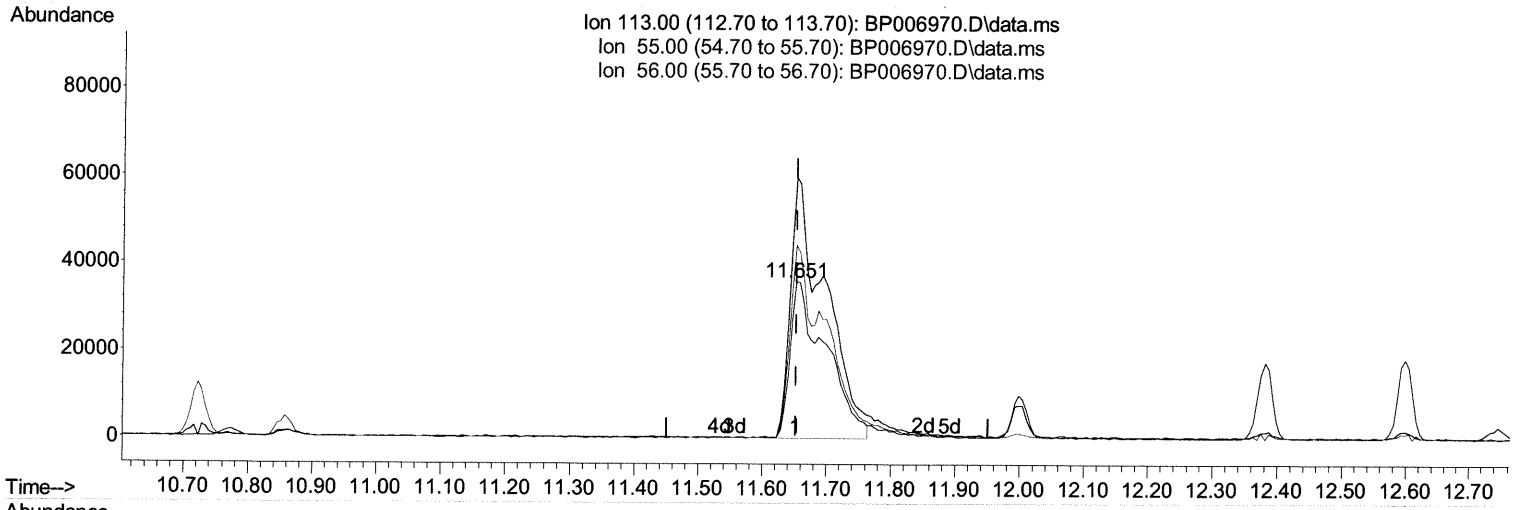
Quantitation Report (Qedit)

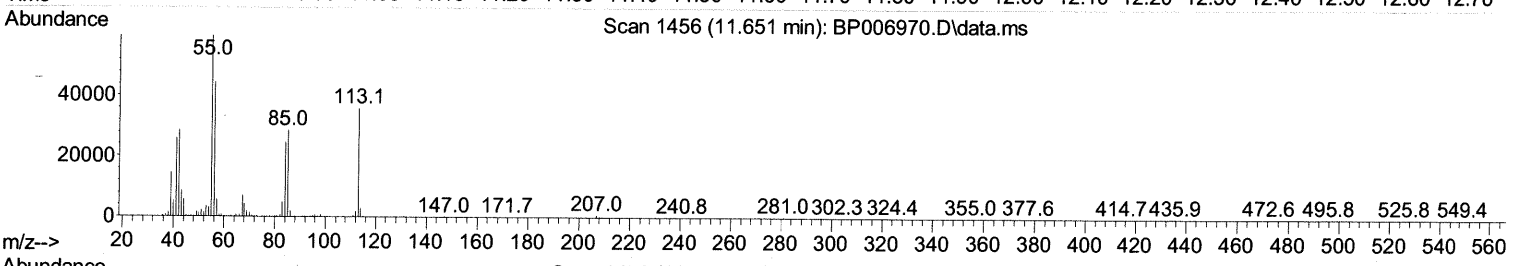
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091521\
Data File : BP006970.D
Acq On : 15 Sep 2021 09:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

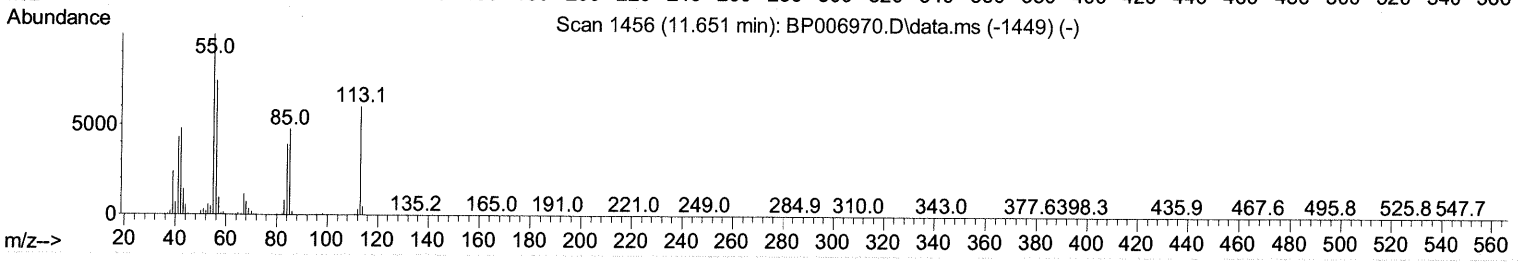
Quant Time: Sep 15 10:54:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 15 10:54:36 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/16/2021 11:43:48 AM







TIC: BP006970.D\data.ms

(34) Caprolactam

11.651min (0.000) 18.05 ng/ul m 09/20/21 JU

response 139551

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	166.64
56.00	122.70	123.67
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091521\
Data File : BP006970.D
Acq On : 15 Sep 2021 09:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 10:54:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 15 10:54:36 2021
Response via : Initial Calibration

Instrument : BNA_P
LabSampleId : SSTDCCC020

Manual Integrations APPROVED
mohammad
9/16/2021 11:43:48 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	447353	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	1862279	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	1179810	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	2334361	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.380	240	2004450	20.000	ng/ul	0.00
88) Perylene-d12	23.804	264	1734229	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	88148	7.841	ng/uL	0.00
4) Pyridine-d5	3.769	84	573812	19.588	ng/ul	0.00
7) Phenol-d5	7.081	99	666897	20.283	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	399031	21.131	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	544276	20.505	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	521738	20.207	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	241477	21.407	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	241635	21.759	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	528902	20.198	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	720393	19.894	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	1488004	19.473	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	1919493	19.834	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	255249	19.227	ng/ul	0.00
60) Fluorene-d10	15.539	176	1288497	19.106	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	206146	19.963	ng/ul	0.00
73) Anthracene-d10	17.398	188	1934289	20.015	ng/ul	0.00
81) Pyrene-d10	19.627	212	2021669	21.536	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	1652751	19.755	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	95982	7.673	ng/uL	91
5) Pyridine	3.793	79	583871	19.869	ng/ul	88
6) Benzaldehyde	7.063	77	432185m	20.628	ng/ul	> 09/20/21 JU
8) Phenol	7.105	94	696808	20.502	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.346	93	559508	20.562	ng/ul	99
12) 2-Chlorophenol	7.481	128	562606	20.660	ng/ul	94
13) 2-Methylphenol	8.363	108	517170	20.037	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.457	45	676051	21.510	ng/ul	97
16) Acetophenone	8.746	105	833307	21.045	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.734	70	403335	21.862	ng/ul#	95
18) 4-Methylphenol	8.687	108	569008	20.555	ng/ul	98
19) Hexachloroethane	9.004	117	221476	19.972	ng/ul#	83
22) Nitrobenzene	9.122	77	585655	21.456	ng/ul	92
23) Isophorone	9.651	82	1121892	20.694	ng/ul	96
25) 2-Nitrophenol	9.834	139	283427	22.834	ng/ul#	85
26) 2,4-Dimethylphenol	9.893	107	607777	20.211	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.134	93	738877	20.589	ng/ul	99
29) 2,4-Dichlorophenol	10.369	162	526363	20.297	ng/ul	94
30) Naphthalene	10.775	128	1771569	19.611	ng/ul	100
32) 4-Chloroaniline	10.881	127	743797	20.167	ng/ul	100
33) Hexachlorobutadiene	11.063	225	336579	18.814	ng/ul	98
34) Caprolactam	11.651	113	139551m	18.054	ng/ul	> 09/20/21 JU
35) 4-Chloro-3-methylphenol	11.998	107	536698	20.405	ng/ul	90

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091521\
Data File : BP006970.D
Acq On : 15 Sep 2021 09:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 10:54:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 15 10:54:36 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/16/2021 11:43:48 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.381	142	1194936	19.730	ng/ul	98
37) 1-Methylnaphthalene	12.598	142	1226116	19.846	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.745	216	647300	19.160	ng/ul#	96
40) Hexachlorocyclopentadiene	12.728	237	398532	18.278	ng/ul	99
41) 2,4,6-Trichlorophenol	12.987	196	400688	20.491	ng/ul	100
42) 2,4,5-Trichlorophenol	13.051	196	438453	20.114	ng/ul	96
43) 1,1'-Biphenyl	13.387	154	1620572	19.728	ng/ul#	97
44) 2-Chloronaphthalene	13.428	162	1242540	19.619	ng/ul	92
45) 2-Nitroaniline	13.628	65	294009	22.840	ng/ul#	84
47) Dimethylphthalate	14.010	163	1500919	19.476	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	276505	21.483	ng/ul#	82
50) Acenaphthylene	14.269	152	1993578	19.853	ng/ul	99
51) 3-Nitroaniline	14.451	138	296610	20.104	ng/ul	85
52) Acenaphthene	14.616	153	1292401	19.437	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	131443	18.179	ng/ul#	73
55) 4-Nitrophenol	14.751	109	193434	19.823	ng/ul#	84
56) Dibenzofuran	14.945	168	1858820	19.373	ng/ul	87
57) 2,4-Dinitrotoluene	14.910	165	387692	21.078	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	15.169	232	343778	19.572	ng/ul#	79
59) Diethylphthalate	15.369	149	1450557	19.331	ng/ul	95
61) Fluorene	15.598	166	1493790	19.533	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	759833	19.490	ng/ul#	80
63) 4-Nitroaniline	15.610	138	294008	19.959	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.669	198	215219	20.470	ng/ul#	76
67) N-Nitrosodiphenylamine	15.804	169	1263115	20.545	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	433399	19.638	ng/ul#	85
69) Hexachlorobenzene	16.604	284	491144	19.192	ng/ul#	87
70) Atrazine	16.757	200	443861	19.064	ng/ul	96
71) Pentachlorophenol	16.945	266	269055	18.355	ng/ul	97
72) Phenanthrene	17.339	178	2295025	19.736	ng/ul	100
74) Anthracene	17.433	178	2317348	20.049	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	665760	20.349	ng/uL	100
76) Pentachlorobenzene	14.869	250	635044	20.052	ng/uL	100
77) Carbazole	17.698	167	2029118	19.753	ng/ul	97
78) Di-n-butylphthalate	18.257	149	2273981	19.532	ng/ul	98
80) Fluoranthene	19.304	202	2545859	21.805	ng/ul#	94
82) Pyrene	19.657	202	2630827	21.968	ng/ul	93
83) Butylbenzylphthalate	20.527	149	872491	20.923	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.298	252	758713	18.242	ng/ul#	99
85) Benzo(a)anthracene	21.363	228	2321929	19.896	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1239660	19.941	ng/ul#	94
87) Chrysene	21.416	228	2242367	19.416	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	1915618	21.373	ng/ul	100
90) Benzo(b)fluoranthene	23.063	252	2064376	20.344	ng/ul	97
91) Benzo(k)fluoranthene	23.110	252	1997907	21.034	ng/ul	98
93) Benzo(a)pyrene	23.698	252	1971706	20.195	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.339	276	1973948	17.428	ng/ul	96
95) Dibenzo(a,h)anthracene	26.362	278	1714436	17.495	ng/ul	96
96) Benzo(g,h,i)perylene	27.127	276	1635533	16.838	ng/ul	94

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