Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
Data File : BN020131.D
Acq On : 11 Jun 2022 10:43
Operator : CG/JU
Sample : N3284-02MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jun 13 00:44:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 06 15:14:59 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
EXYT1MS

Manual IntegrationsAPPROVED

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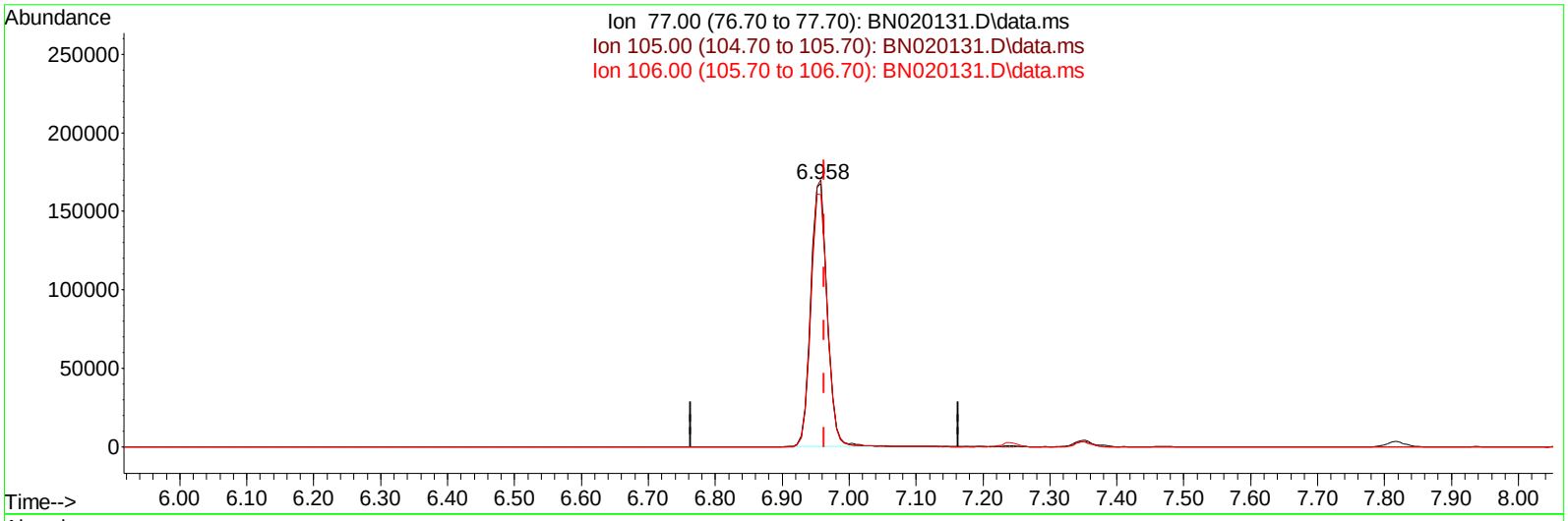
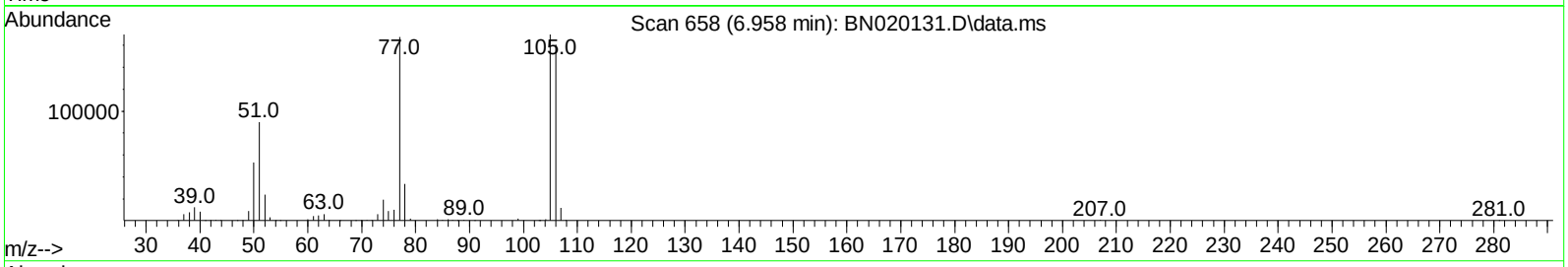
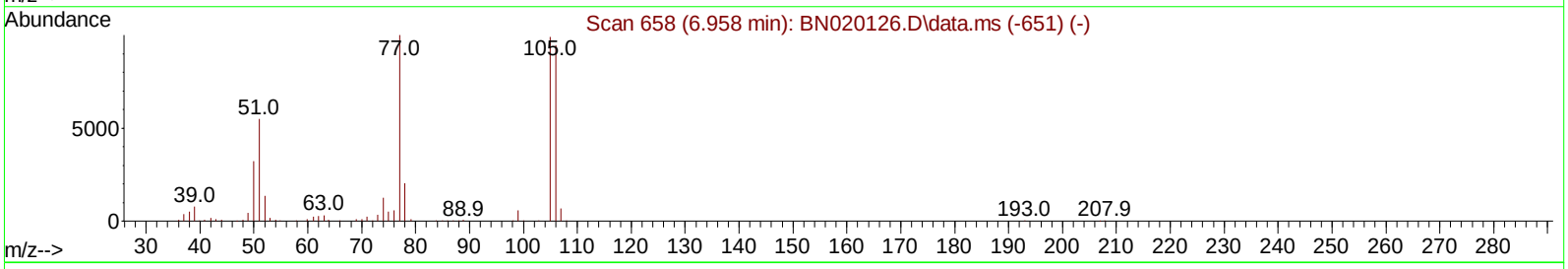
Supervised By :mohammad ahmed 06/14/2022







TIC: BN020131.D\data.ms

(6) Benzaldehyde

6.958min (-0.006) 44.50 ng/ul

response 286802

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.40	101.45
106.00	87.80	95.88
0.00	0.00	0.00

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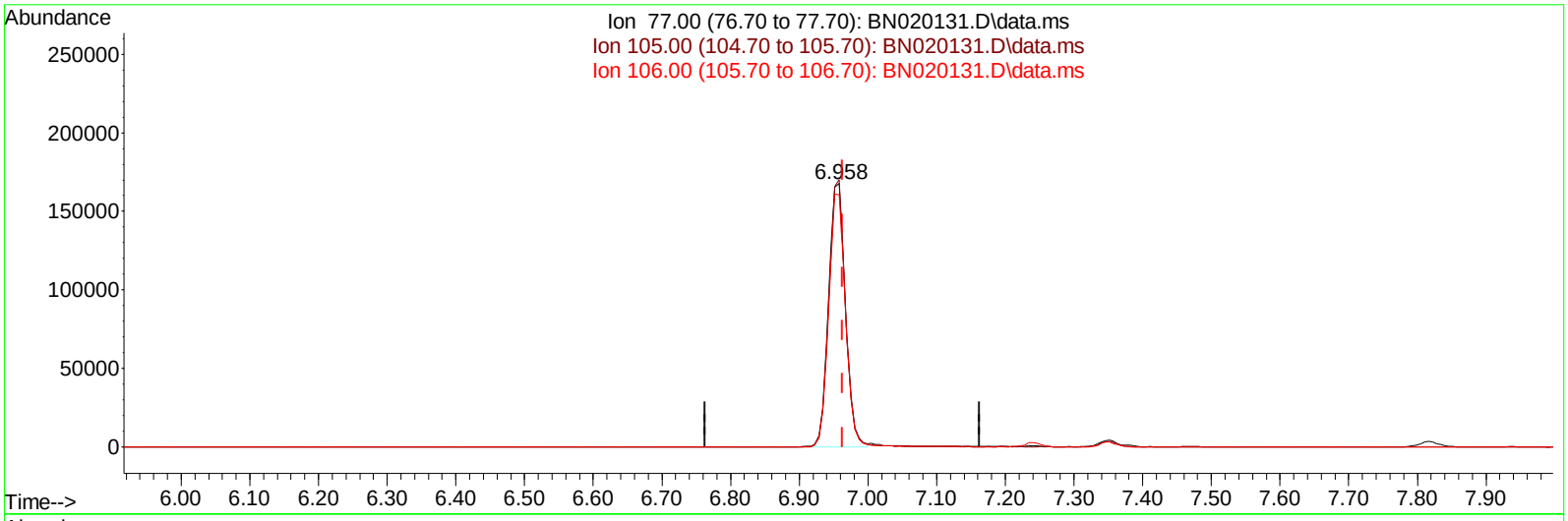

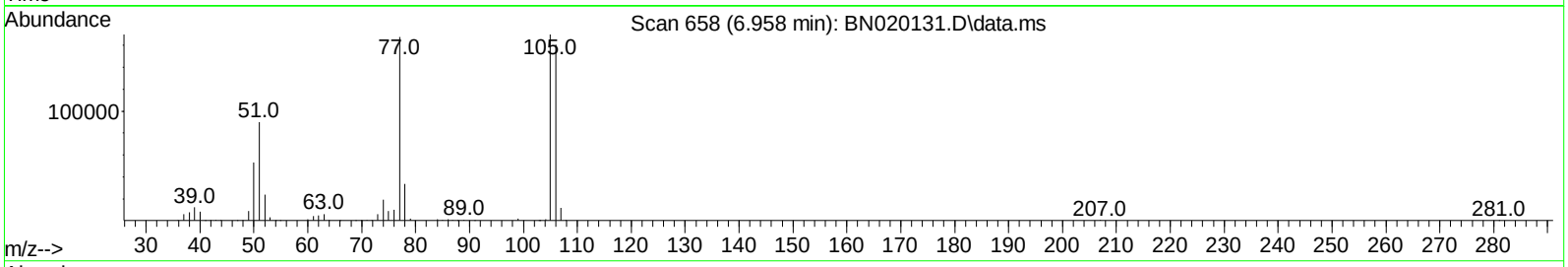

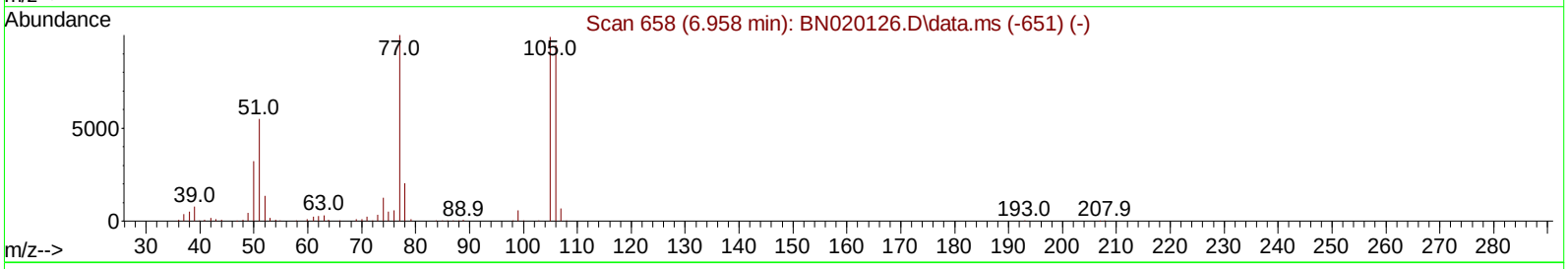

TIC: BN020131.D\data.ms

(6) Benzaldehyde

6.958min (-0.006) 44.24 ng/ul m

response 285073

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.40	101.45
106.00	87.80	95.88
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	165284	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	767915	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.445	164	492238	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1017761	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	865826	20.000	ng/ul	0.00
88) Perylene-d12	23.704	264	779621	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	15708	4.116	ng/uL	0.00
4) Pyridine-d5	3.693	84	46331	4.442	ng/ul	0.00
7) Phenol-d5	6.987	99	94512	6.910	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	263963	30.891	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	271714	24.451	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	186526	15.764	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	189277	32.399	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	200943	32.410	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.228	165	325689	30.090	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	432447	24.672	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	1266610	35.364	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	1386946	33.392	ng/ul	0.00
54) 4-Nitrophenol-d4	14.640	143	55930	7.793	ng/ul	0.00
60) Fluorene-d10	15.434	176	1023313	34.527	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	216546	36.731	ng/ul	0.00
73) Anthracene-d10	17.286	188	1598543	35.989	ng/ul	0.00
81) Pyrene-d10	19.580	212	1785645	38.043	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	1447752	37.954	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	30425	7.552	ng/uL#	93
5) Pyridine	3.711	79	57116	5.223	ng/ul#	87
6) Benzaldehyde	6.958	77	285073m	44.236	ng/ul	
8) Phenol	7.011	94	107831	7.404	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.240	93	355110	31.154	ng/ul	98
12) 2-Chlorophenol	7.381	128	286802	24.691	ng/ul	98
13) 2-Methylphenol	8.258	108	218478	19.514	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.346	45	548714	30.699	ng/ul	96
16) Acetophenone	8.634	105	590669	32.825	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.622	70	298272	32.448	ng/ul	93
18) 4-Methylphenol	8.587	108	209289	16.937	ng/ul	98
19) Hexachloroethane	8.893	117	127211	27.217	ng/ul	91
22) Nitrobenzene	9.010	77	434203	32.055	ng/ul	95
23) Isophorone	9.534	82	866463	32.397	ng/ul	99
25) 2-Nitrophenol	9.722	139	222105	32.419	ng/ul	97
26) 2,4-Dimethylphenol	9.787	107	311346	21.936	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	516218	31.540	ng/ul	98
29) 2,4-Dichlorophenol	10.257	162	339144	30.291	ng/ul	97
30) Naphthalene	10.657	128	1197757	30.096	ng/ul	100
32) 4-Chloroaniline	10.763	127	430285	24.543	ng/ul	100
33) Hexachlorobutadiene	10.952	225	186021	28.939	ng/ul	98
34) Caprolactam	11.528	113	19776	4.523	ng/ul	97
35) 4-Chloro-3-methylphenol	11.893	107	388449	29.383	ng/ul	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.269	142	874033	32.484 ng/ul	99
37) 1-Methylnaphthalene	12.487	142	890244	32.423 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.640	216	398004	31.703 ng/ul	99
40) Hexachlorocyclopentadiene	12.628	237	173478	22.716 ng/ul	96
41) 2,4,6-Trichlorophenol	12.881	196	294798	34.055 ng/ul	96
42) 2,4,5-Trichlorophenol	12.946	196	329264	34.344 ng/ul	97
43) 1,1'-Biphenyl	13.281	154	1183637	32.474 ng/ul	99
44) 2-Chloronaphthalene	13.322	162	904146	32.698 ng/ul	97
45) 2-Nitroaniline	13.522	65	328618	38.201 ng/ul	95
47) Dimethylphthalate	13.904	163	1276466	35.403 ng/ul	98
48) 2,6-Dinitrotoluene	14.022	165	275006	39.010 ng/ul	97
50) Acenaphthylene	14.169	152	1513775	32.918 ng/ul	99
51) 3-Nitroaniline	14.345	138	267784	35.931 ng/ul	97
52) Acenaphthene	14.510	153	979893	32.622 ng/ul	95
53) 2,4-Dinitrophenol	14.557	184	147093	32.590 ng/ul	97
55) 4-Nitrophenol	14.651	109	47181	7.701 ng/ul	98
56) Dibenzofuran	14.845	168	1427636	33.735 ng/ul	96
57) 2,4-Dinitrotoluene	14.810	165	405471	38.846 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.069	232	268488	35.675 ng/ul#	91
59) Diethylphthalate	15.269	149	1360239	36.643 ng/ul	97
61) Fluorene	15.492	166	1124447	34.147 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.487	204	501784	33.088 ng/ul	89
63) 4-Nitroaniline	15.510	138	275721	39.592 ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.575	198	218028	36.477 ng/ul	97
67) N-Nitrosodiphenylamine	15.698	169	1050879	36.017 ng/ul	98
68) 4-Bromophenyl-phenylether	16.381	248	327679	36.971 ng/ul	92
69) Hexachlorobenzene	16.498	284	364054	35.733 ng/ul#	90
70) Atrazine	16.651	200	381868	37.510 ng/ul	96
71) Pentachlorophenol	16.839	266	223837	35.274 ng/ul	99
72) Phenanthrene	17.228	178	1895202	35.285 ng/ul	99
74) Anthracene	17.322	178	1917455	35.503 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.246	216	437506	32.102 ng/uL	99
76) Pentachlorobenzene	14.769	250	420125	34.879 ng/uL	96
77) Carbazole	17.586	167	1847754	37.607 ng/ul	96
78) Di-n-butylphthalate	18.157	149	2410139	39.559 ng/ul	99
80) Fluoranthene	19.245	202	2173214	38.335 ng/ul	97
82) Pyrene	19.610	202	2195794	37.754 ng/ul	95
83) Butylbenzylphthalate	20.516	149	1120321	42.802 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.292	252	469433	28.387 ng/ul#	98
85) Benzo(a)anthracene	21.363	228	2000366	36.587 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.298	149	1548999	41.943 ng/ul	98
87) Chrysene	21.416	228	1906436	35.641 ng/ul	97
89) Di-n-octyl phthalate	22.204	149	2784596	43.884 ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	2017311	41.228 ng/ul	96
91) Benzo(k)fluoranthene	23.051	252	1698984	36.476 ng/ul	97
93) Benzo(a)pyrene	23.610	252	1758013	37.118 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.104	276	1754979	36.014 ng/ul#	93
95) Dibenzo(a,h)anthracene	26.115	278	1494929	35.916 ng/ul	99
96) Benzo(g,h,i)perylene	26.833	276	1470033	35.722 ng/ul	94

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

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