Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061722\
Data File : BN020252.D
Acq On : 17 Jun 2022 23:29
Operator : CG/JU
Sample : PB145571BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 00:24:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 22:53:31 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS571

Manual IntegrationsAPPROVED

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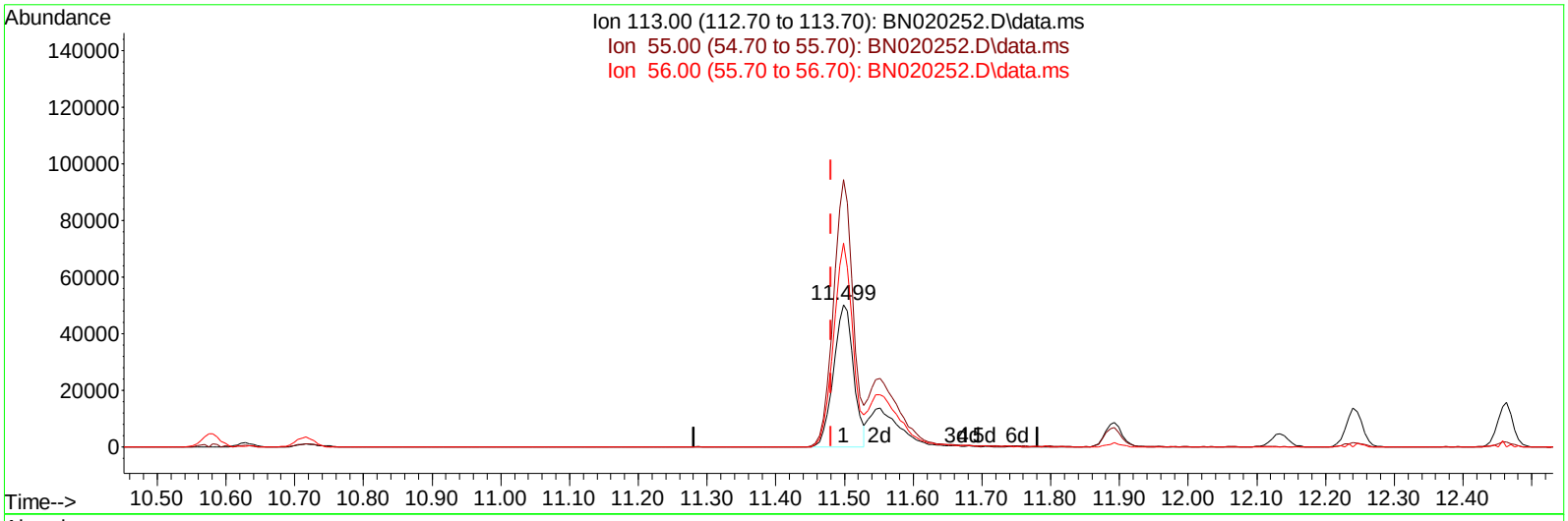
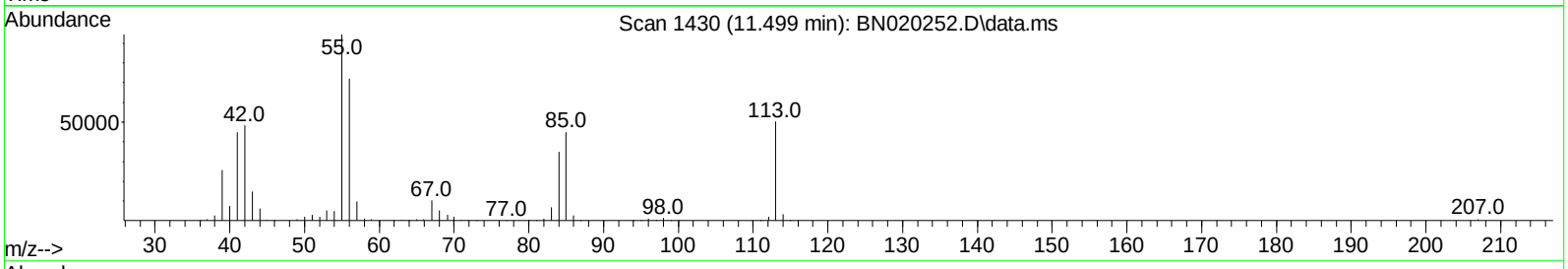
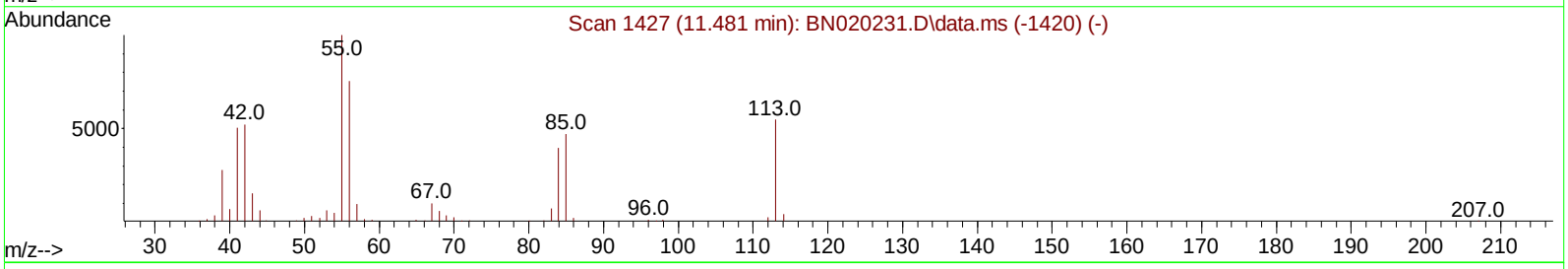
Supervised By :mohammad ahmed 06/22/2022







TIC: BN020252.D\data.ms

(34) Caprolactam

11.499min (+ 0.018) 26.79 ng/ul

response 101314

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	187.71
56.00	133.10	143.10
0.00	0.00	0.00

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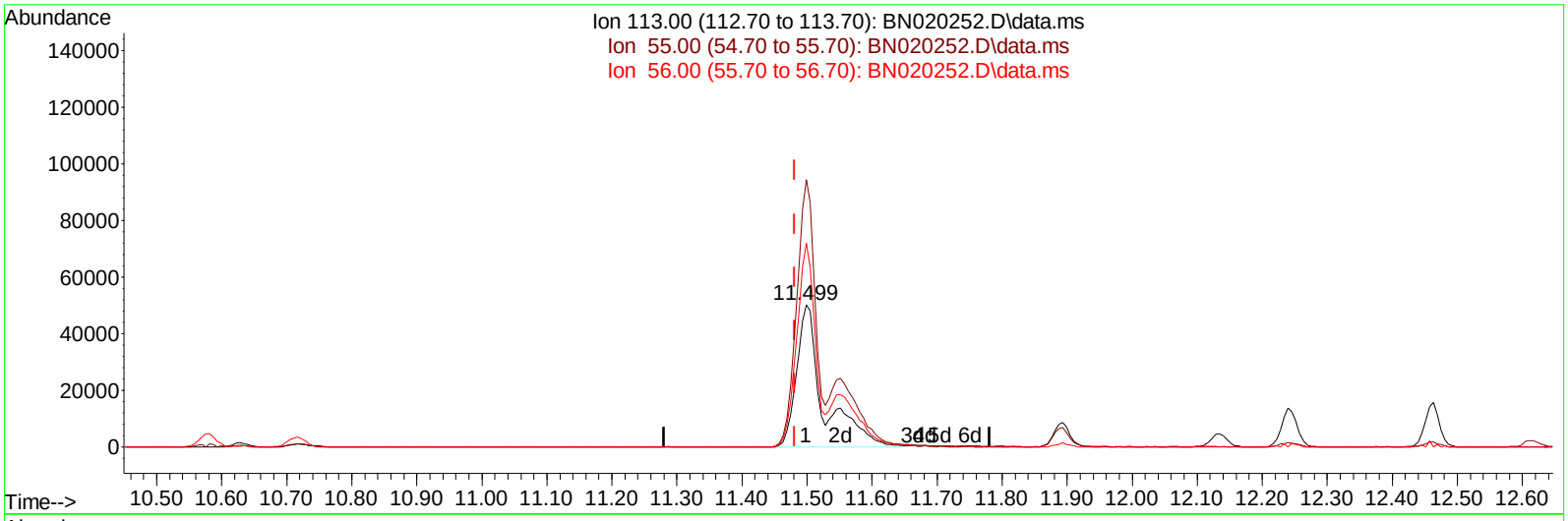

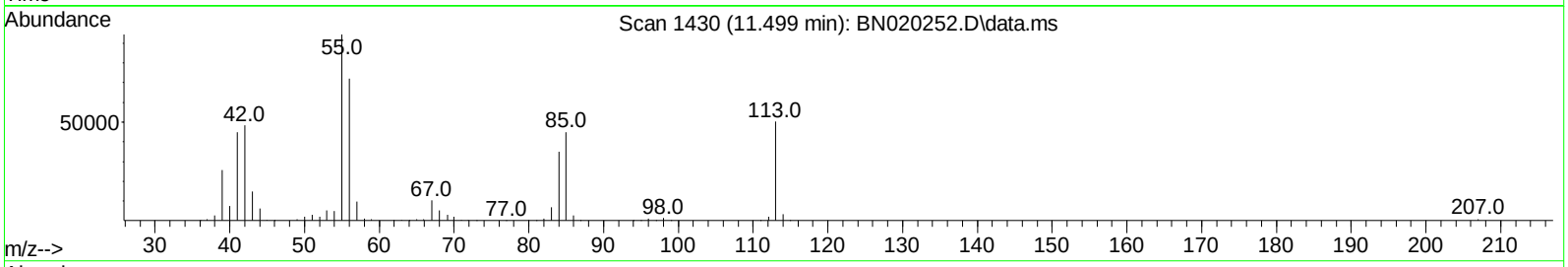

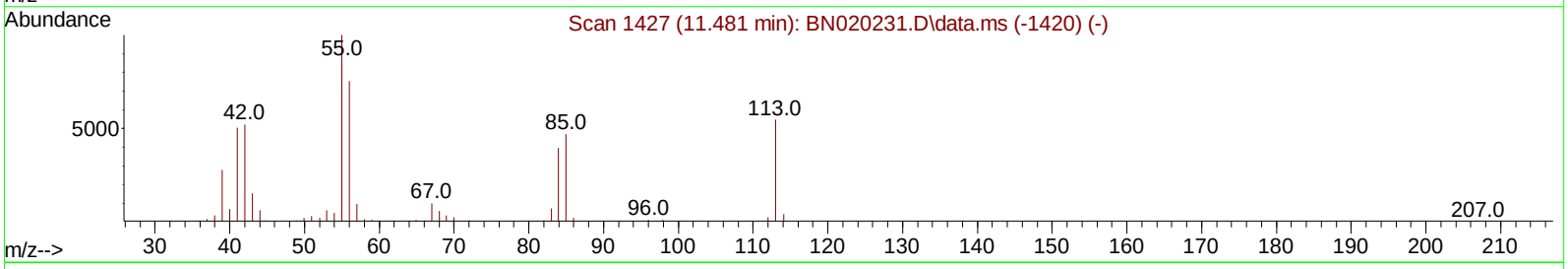

TIC: BN020252.D\data.ms

(34) Caprolactam

11.499min (+ 0.018) 37.73 ng/ul m

response 142670

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	187.71
56.00	133.10	143.10
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	7.793	152	130813	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	664208	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	433640	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	899938	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	777617	20.000	ng/ul	0.00
88) Perylene-d12	23.657	264	654154	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	20702	6.854	ng/uL	0.00
4) Pyridine-d5	3.658	84	304766	36.919	ng/ul	0.00
7) Phenol-d5	6.981	99	458407	42.349	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	266322	39.380	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	366220	41.639	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	396094	42.295	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	190860	37.770	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	210867	39.320	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	377817	40.356	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	534760	35.273	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	1154611	36.593	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1362094	37.225	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	226913	35.889	ng/ul	0.00
60) Fluorene-d10	15.416	176	960830	36.800	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.540	200	209069	40.105	ng/ul	0.00
73) Anthracene-d10	17.263	188	1447721	36.861	ng/ul	0.00
81) Pyrene-d10	19.557	212	1622972	38.499	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	1294771	40.454	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	44540	13.969	ng/uL#	91
5) Pyridine	3.676	79	318638	36.819	ng/ul	92
6) Benzaldehyde	6.928	77	265963	52.146	ng/ul	93
8) Phenol	7.011	94	493567	42.821	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.217	93	362402	40.171	ng/ul	98
12) 2-Chlorophenol	7.364	128	384543	41.829	ng/ul	99
13) 2-Methylphenol	8.252	108	378072	42.667	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	565194	39.953	ng/ul	98
16) Acetophenone	8.611	105	587875	41.278	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.599	70	300477	41.301	ng/ul	97
18) 4-Methylphenol	8.581	108	419152	42.858	ng/ul	100
19) Hexachloroethane	8.869	117	140910	38.093	ng/ul	92
22) Nitrobenzene	8.987	77	438663	37.440	ng/ul	94
23) Isophorone	9.511	82	860633	37.203	ng/ul	99
25) 2-Nitrophenol	9.699	139	233428	39.391	ng/ul	97
26) 2,4-Dimethylphenol	9.775	107	452283	36.841	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.993	93	521275	36.822	ng/ul	97
29) 2,4-Dichlorophenol	10.246	162	386897	39.952	ng/ul	99
30) Naphthalene	10.628	128	1254744	36.450	ng/ul	100
32) 4-Chloroaniline	10.740	127	530132	34.959	ng/ul	99
33) Hexachlorobutadiene	10.922	225	198804	35.756	ng/ul	95
34) Caprolactam	11.499	113	142670m	37.726	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	474095	41.461	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.240	142	887099	38.118	ng/ul	99
37) 1-Methylnaphthalene	12.463	142	895187	37.694	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.616	216	411932	37.246	ng/ul	97
40) Hexachlorocyclopentadiene	12.599	237	197756	29.394	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	305959	40.121	ng/ul	96
42) 2,4,5-Trichlorophenol	12.952	196	332277	39.342	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	1174879	36.589	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	902098	37.033	ng/ul	98
45) 2-Nitroaniline	13.499	65	313262	41.336	ng/ul	97
47) Dimethylphthalate	13.881	163	1182669	37.234	ng/ul	99
48) 2,6-Dinitrotoluene	13.999	165	249588	40.189	ng/ul	98
50) Acenaphthylene	14.140	152	1485685	36.673	ng/ul	100
51) 3-Nitroaniline	14.328	138	262798	40.027	ng/ul	93
52) Acenaphthene	14.487	153	971287	36.705	ng/ul	100
53) 2,4-Dinitrophenol	14.534	184	151401	38.077	ng/ul	96
55) 4-Nitrophenol	14.675	109	188236	34.878	ng/ul	98
56) Dibenzofuran	14.822	168	1367266	36.675	ng/ul	99
57) 2,4-Dinitrotoluene	14.787	165	367593	39.976	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.051	232	254687	38.415	ng/ul#	88
59) Diethylphthalate	15.246	149	1223555	37.415	ng/ul	96
61) Fluorene	15.469	166	1080149	37.234	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	493702	36.955	ng/ul	92
63) 4-Nitroaniline	15.493	138	270538	44.097	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.551	198	206684	39.106	ng/ul#	91
67) N-Nitrosodiphenylamine	15.681	169	982701	38.090	ng/ul	98
68) 4-Bromophenyl-phenylether	16.357	248	296353	37.814	ng/ul	93
69) Hexachlorobenzene	16.481	284	335147	37.202	ng/ul	96
70) Atrazine	16.634	200	344452	38.265	ng/ul	97
71) Pentachlorophenol	16.822	266	212994	37.960	ng/ul	95
72) Phenanthrene	17.204	178	1767409	37.214	ng/ul	99
74) Anthracene	17.298	178	1768832	37.039	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	442491	36.718	ng/uL	98
76) Pentachlorobenzene	14.746	250	397706	37.340	ng/uL	99
77) Carbazole	17.569	167	1676963	38.600	ng/ul	96
78) Di-n-butylphthalate	18.139	149	2125231	39.450	ng/ul	99
80) Fluoranthene	19.222	202	2009730	39.473	ng/ul	96
82) Pyrene	19.586	202	2022925	38.728	ng/ul#	94
83) Butylbenzylphthalate	20.492	149	986598	41.969	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.269	252	586707	39.503	ng/ul#	98
85) Benzo(a)anthracene	21.333	228	1855228	37.782	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.275	149	1380091	41.609	ng/ul	99
87) Chrysene	21.386	228	1807239	37.620	ng/ul	97
89) Di-n-octyl phthalate	22.169	149	2541609	47.737	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	1702831	41.476	ng/ul#	93
91) Benzo(k)fluoranthene	23.010	252	1591657	40.725	ng/ul	98
93) Benzo(a)pyrene	23.563	252	1597718	40.203	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.033	276	1558871	38.125	ng/ul	94
95) Dibenzo(a,h)anthracene	26.051	278	1340437	38.381	ng/ul	98
96) Benzo(g,h,i)perylene	26.768	276	1326629	38.421	ng/ul	94

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

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