Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061722\
Data File : BN020256.D
Acq On : 18 Jun 2022 10:54
Operator : CG/JU
Sample : PB145573BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 20 02:22:59 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 :
SLCS573

Manual IntegrationsAPPROVED

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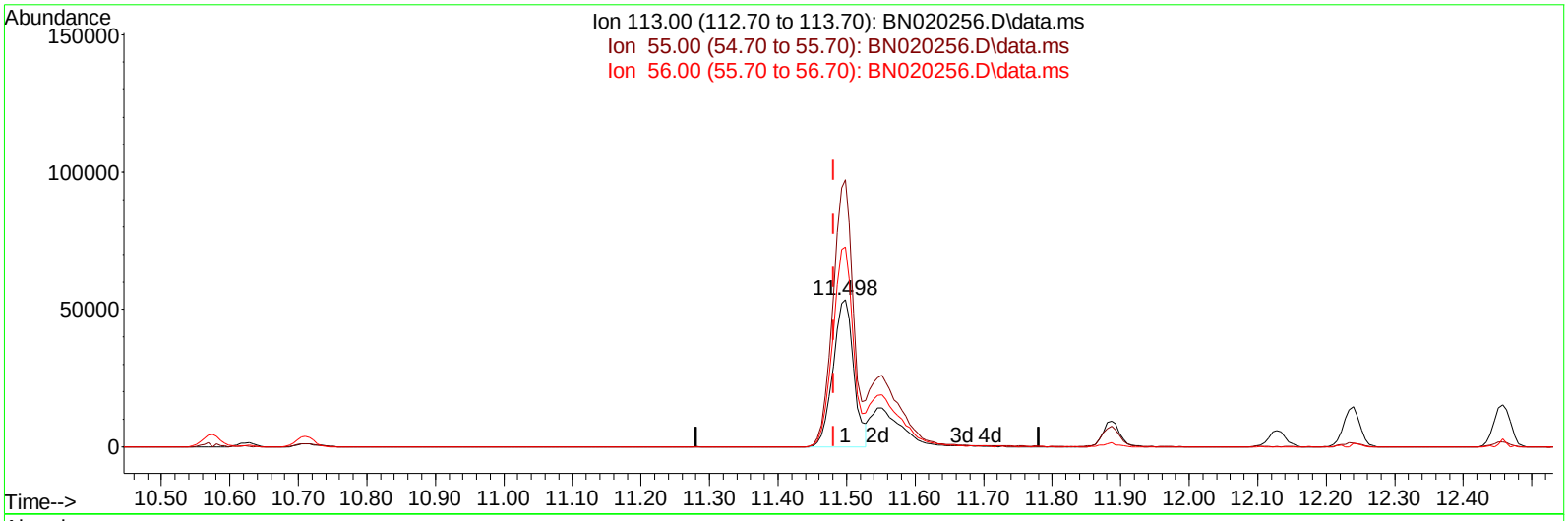
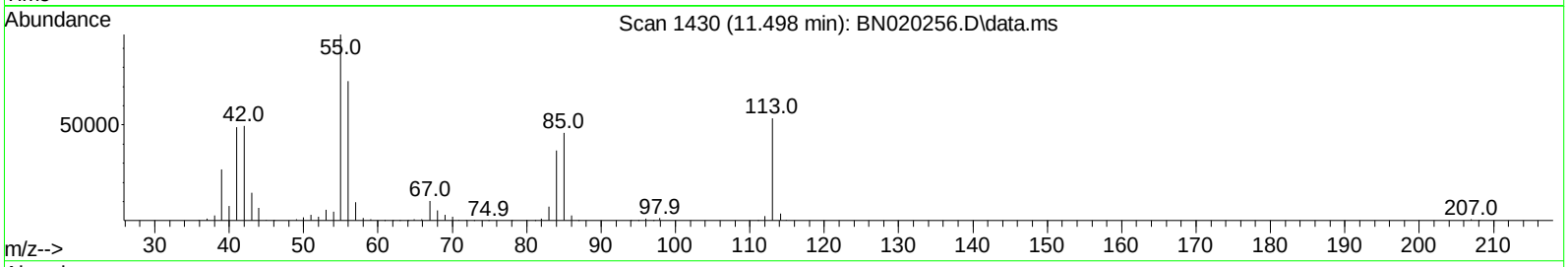
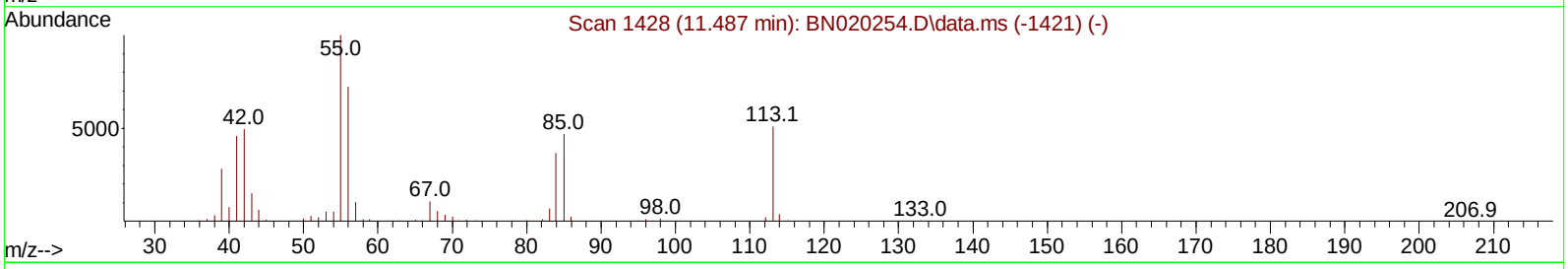
Supervised By :mohammad ahmed 06/22/2022







TIC: BN020256.D\data.ms

(34) Caprolactam

11.498min (+ 0.017) 30.76 ng/ul

response 112286

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	181.39
56.00	133.10	135.90
0.00	0.00	0.00

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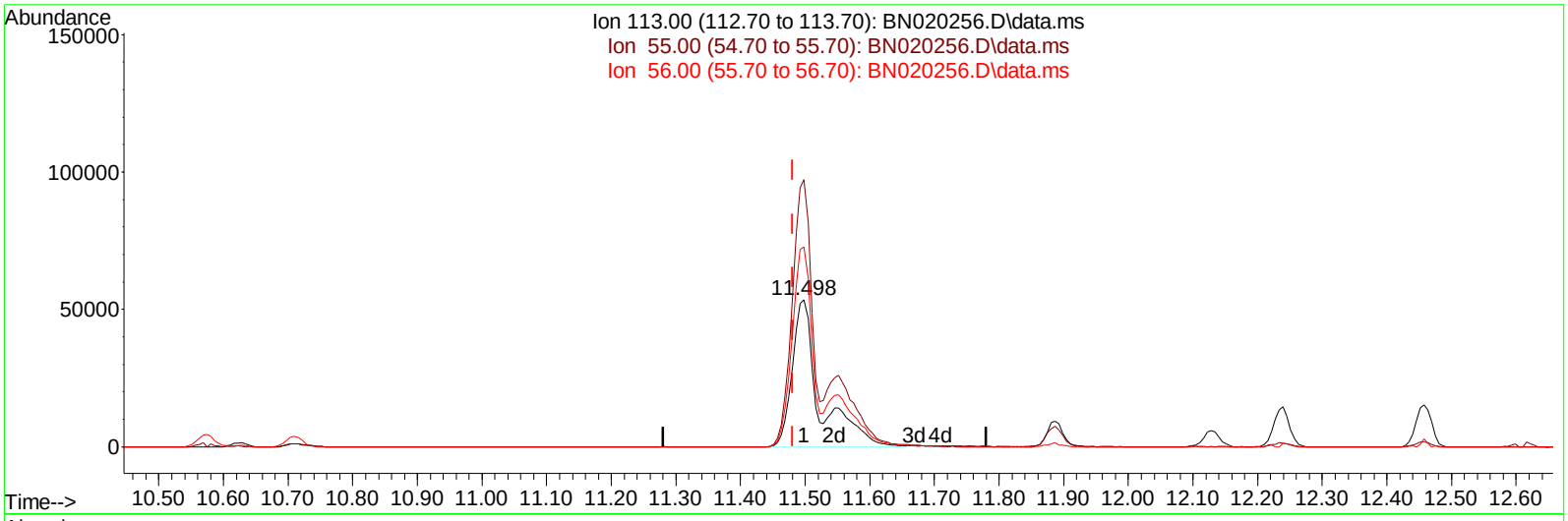

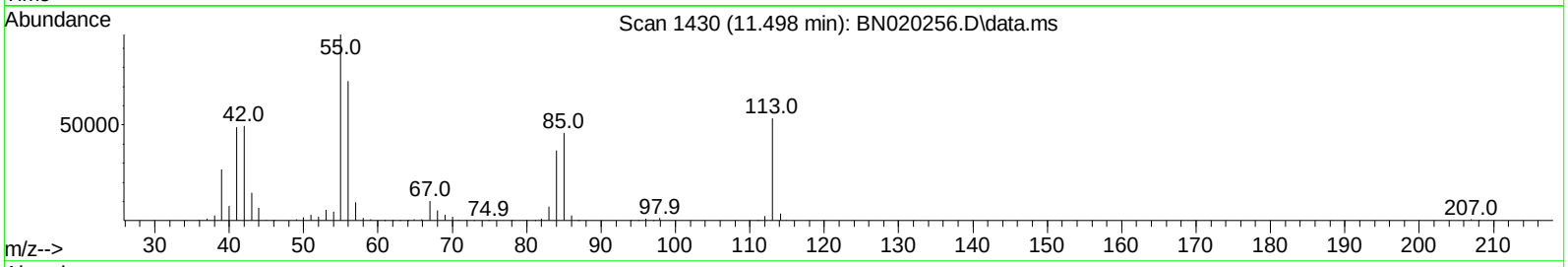

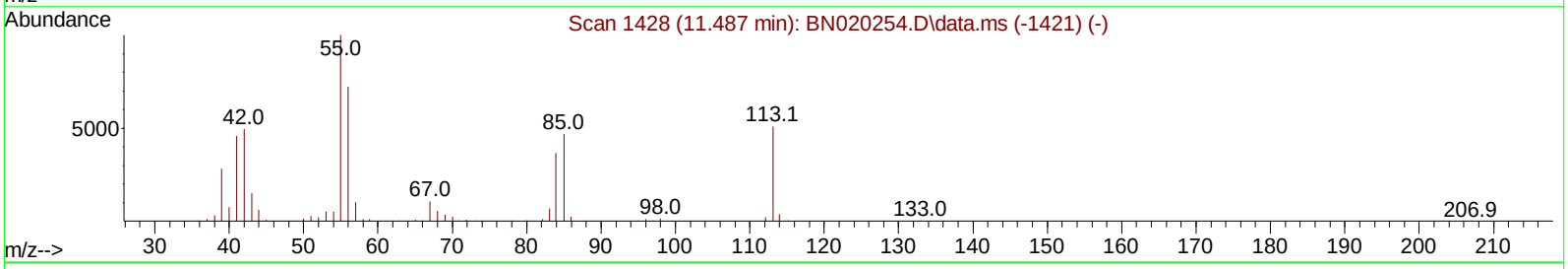

TIC: BN020256.D\data.ms

(34) Caprolactam

11.498min (+ 0.017) 42.79 ng/ul m

response 156198

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	181.39
56.00	133.10	135.90
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	7.787	152	131424	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	641136	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	410364	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	856507	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	732471	20.000	ng/ul	# 0.00
88) Perylene-d12	23.662	264	684868	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	22805	7.516	ng/uL	0.00
4) Pyridine-d5	3.658	84	329721	39.756	ng/ul	0.00
7) Phenol-d5	6.981	99	489332	44.996	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	288774	42.501	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	395475	44.756	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	427220	45.407	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	205230	42.076	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	228083	44.061	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	401396	44.418	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	568025	38.815	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	1231811	41.255	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1484468	42.870	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	235007	39.277	ng/ul	0.00
60) Fluorene-d10	15.410	176	1028435	41.623	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	220317	44.406	ng/ul	0.00
73) Anthracene-d10	17.257	188	1561903	41.784	ng/ul	0.00
81) Pyrene-d10	19.557	212	1701272	42.844	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	1428239	42.623	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	48558	15.159	ng/uL#	91
5) Pyridine	3.675	79	351018	40.372	ng/ul	92
6) Benzaldehyde	6.928	77	286585	55.928	ng/ul	96
8) Phenol	7.004	94	528927	45.675	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.210	93	387385	42.741	ng/ul	99
12) 2-Chlorophenol	7.357	128	416200	45.062	ng/ul	100
13) 2-Methylphenol	8.246	108	407080	45.727	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	615358	43.297	ng/ul	96
16) Acetophenone	8.604	105	637561	44.559	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.599	70	321176	43.941	ng/ul	93
18) 4-Methylphenol	8.575	108	453459	46.151	ng/ul	95
19) Hexachloroethane	8.863	117	154944	41.692	ng/ul	90
22) Nitrobenzene	8.981	77	476608	42.143	ng/ul	96
23) Isophorone	9.510	82	927865	41.553	ng/ul	99
25) 2-Nitrophenol	9.693	139	249538	43.625	ng/ul	99
26) 2,4-Dimethylphenol	9.769	107	505703	42.674	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.993	93	570630	41.759	ng/ul	99
29) 2,4-Dichlorophenol	10.240	162	424290	45.390	ng/ul	99
30) Naphthalene	10.622	128	1365785	41.104	ng/ul	99
32) 4-Chloroaniline	10.734	127	570293	38.961	ng/ul	99
33) Hexachlorobutadiene	10.916	225	217243	40.479	ng/ul	97
34) Caprolactam	11.498	113	156198m	42.790	ng/ul	
35) 4-Chloro-3-methylphenol	11.887	107	514734	46.634	ng/ul	100

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.240	142	942734	41.966 ng/ul	97
37) 1-Methylnaphthalene	12.457	142	970685	42.343 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.610	216	443635	42.388 ng/ul	99
40) Hexachlorocyclopentadiene	12.592	237	218922	34.386 ng/ul	96
41) 2,4,6-Trichlorophenol	12.857	196	327237	45.345 ng/ul	94
42) 2,4,5-Trichlorophenol	12.945	196	358532	44.858 ng/ul	99
43) 1,1'-Biphenyl	13.251	154	1300165	42.788 ng/ul	99
44) 2-Chloronaphthalene	13.292	162	983355	42.658 ng/ul	96
45) 2-Nitroaniline	13.498	65	337817	47.105 ng/ul	94
47) Dimethylphthalate	13.881	163	1260447	41.933 ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	272240	46.323 ng/ul	94
50) Acenaphthylene	14.139	152	1623729	42.353 ng/ul	99
51) 3-Nitroaniline	14.322	138	284659	45.816 ng/ul	99
52) Acenaphthene	14.481	153	1041820	41.603 ng/ul	97
53) 2,4-Dinitrophenol	14.534	184	157774	41.931 ng/ul	94
55) 4-Nitrophenol	14.669	109	200977	39.351 ng/ul	98
56) Dibenzofuran	14.816	168	1486505	42.135 ng/ul	99
57) 2,4-Dinitrotoluene	14.786	165	394669	45.355 ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.051	232	276914	44.136 ng/ul	92
59) Diethylphthalate	15.245	149	1316915	42.554 ng/ul	98
61) Fluorene	15.469	166	1140068	41.528 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	530043	41.925 ng/ul	92
63) 4-Nitroaniline	15.486	138	291460	50.202 ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.551	198	223712	44.474 ng/ul	94
67) N-Nitrosodiphenylamine	15.675	169	1054707	42.953 ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	318477	42.698 ng/ul#	88
69) Hexachlorobenzene	16.475	284	347859	40.571 ng/ul#	89
70) Atrazine	16.628	200	369387	43.115 ng/ul	95
71) Pentachlorophenol	16.822	266	230252	43.117 ng/ul	96
72) Phenanthrene	17.204	178	1884684	41.696 ng/ul	100
74) Anthracene	17.292	178	1903049	41.871 ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.222	216	473988	41.326 ng/uL	99
76) Pentachlorobenzene	14.739	250	441285	43.533 ng/uL	94
77) Carbazole	17.563	167	1804973	43.653 ng/ul	98
78) Di-n-butylphthalate	18.133	149	2242423	43.736 ng/ul	100
80) Fluoranthene	19.221	202	2144539	44.717 ng/ul	97
82) Pyrene	19.586	202	2166900	44.041 ng/ul	95
83) Butylbenzylphthalate	20.492	149	1051538	47.488 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.268	252	631154	45.115 ng/ul#	96
85) Benzo(a)anthracene	21.339	228	2009823	43.453 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.274	149	1471666	47.104 ng/ul	97
87) Chrysene	21.392	228	1925517	42.552 ng/ul	99
89) Di-n-octyl phthalate	22.174	149	2715862	48.722 ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	1983731	46.151 ng/ul	98
91) Benzo(k)fluoranthene	23.015	252	1776061	43.406 ng/ul	97
93) Benzo(a)pyrene	23.568	252	1785987	42.925 ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.039	276	1781164	41.608 ng/ul#	93
95) Dibenzo(a,h)anthracene	26.056	278	1554994	42.528 ng/ul	96
96) Benzo(g,h,i)perylene	26.774	276	1553775	42.981 ng/ul#	93

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

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