Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022150.D
Acq On : 17 Oct 2022 14:08
Operator : CG/JU
Sample : PB148299BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 17 23:09:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS299

Manual IntegrationsAPPROVED

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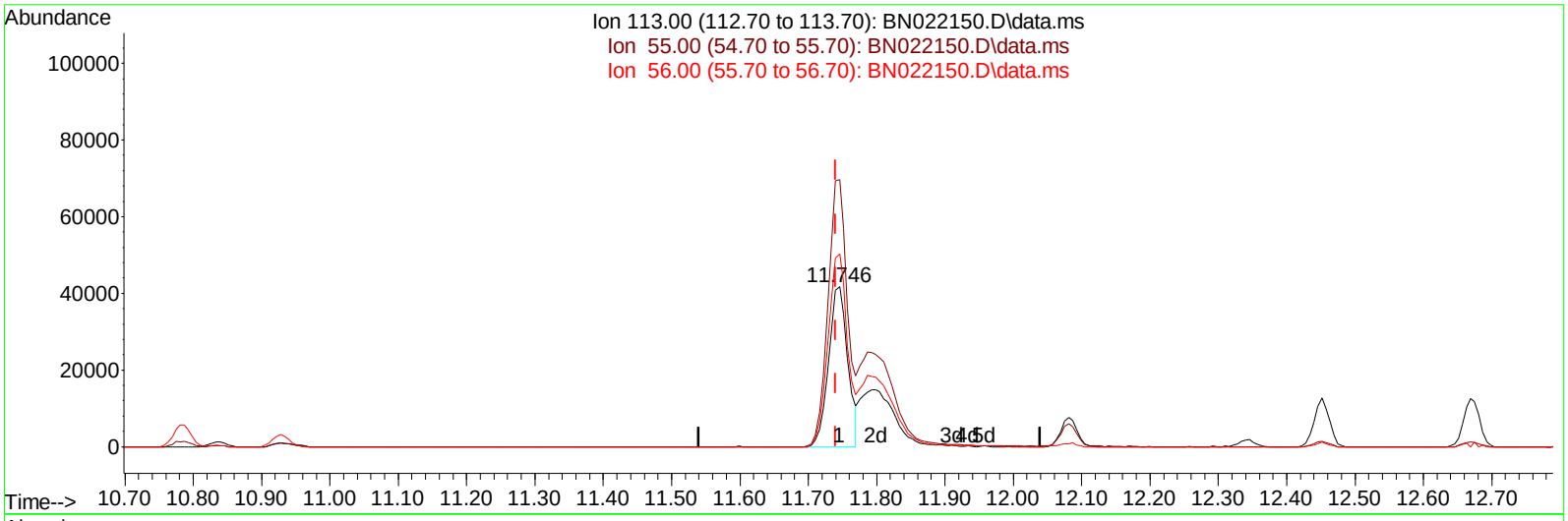
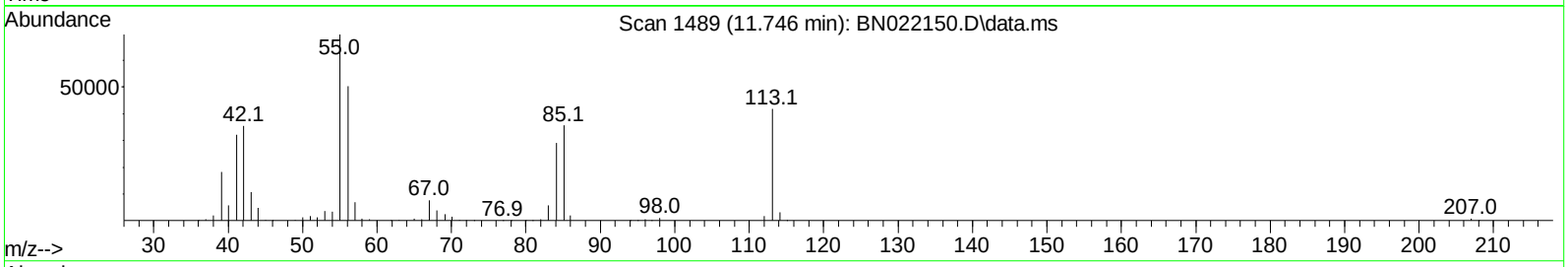
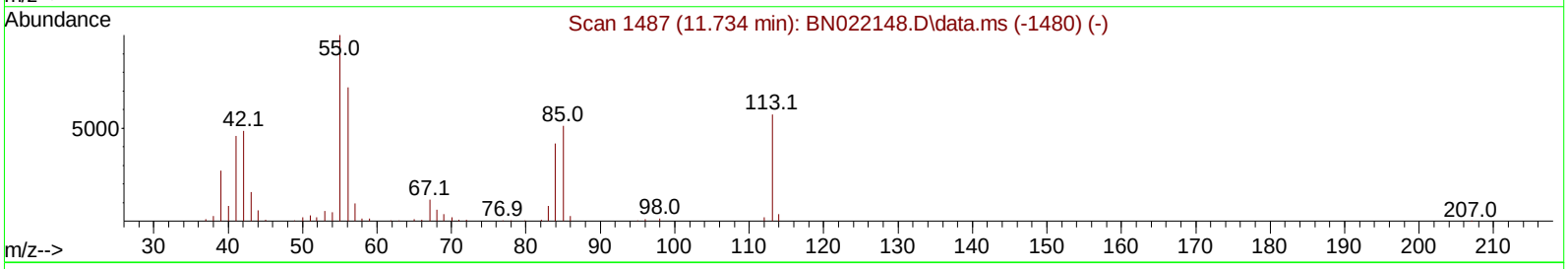
Supervised By :mohammad ahmed 10/19/2022







TIC: BN022150.D\data.ms

(34) Caprolactam

11.746min (+ 0.006) 16.87 ng/ul

response 81350

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	166.72
56.00	126.70	120.41
0.00	0.00	0.00

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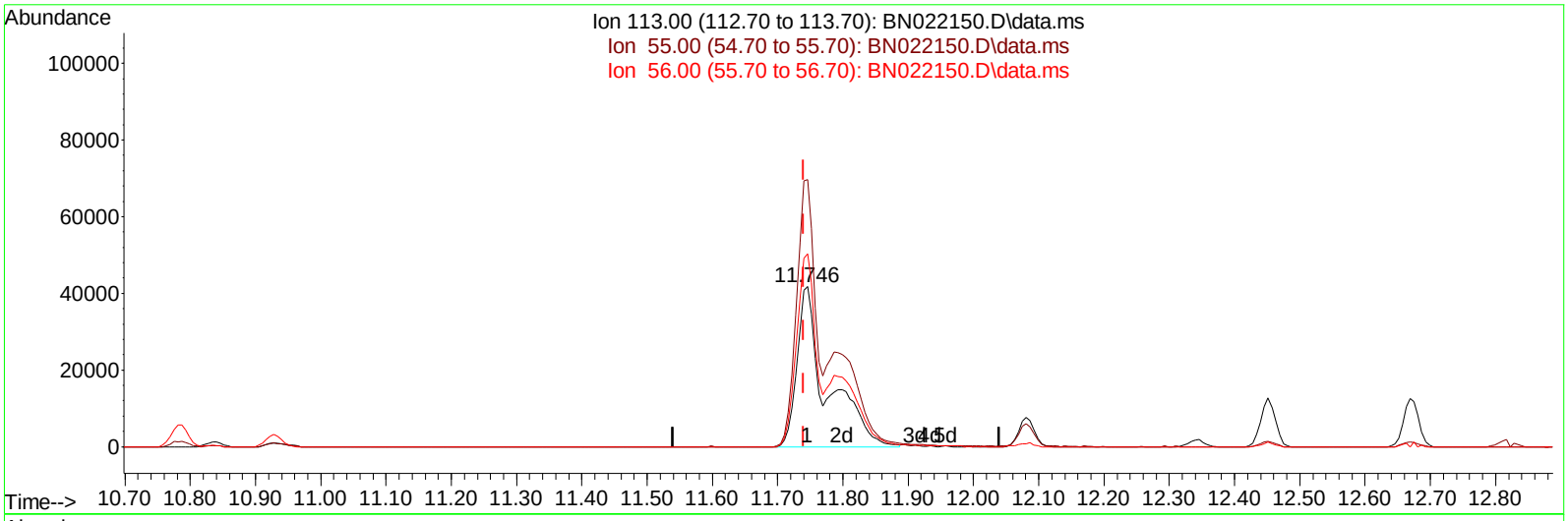

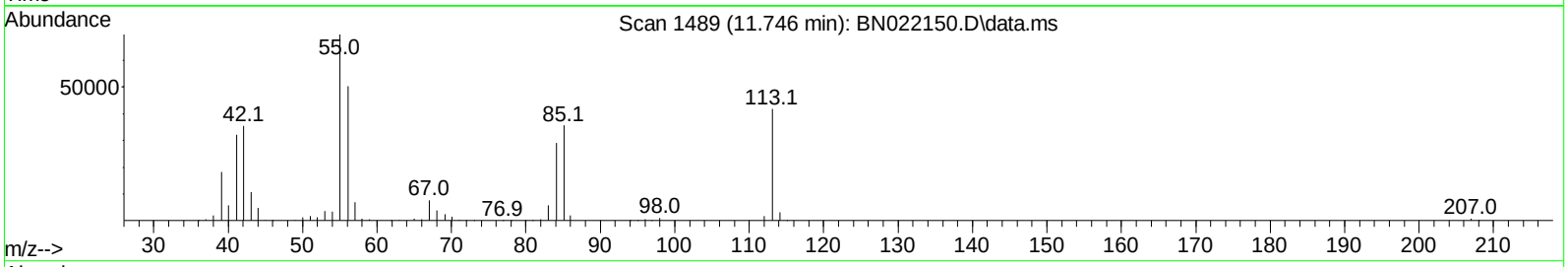

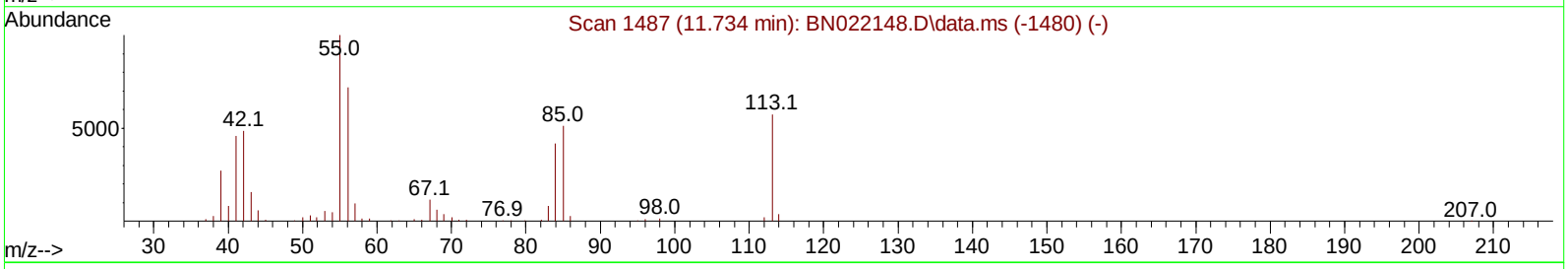

TIC: BN022150.D\data.ms

(34) Caprolactam

11.746min (+ 0.006) 27.44 ng/ul m

response 132338

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	166.72
56.00	126.70	120.41
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	7.952	152	181284	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	843734	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	520998	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.387	188	1069808	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	889874	20.000	ng/ul	0.00
88) Perylene-d12	24.057	264	754427	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	24355	5.092	ng/uL	0.00
4) Pyridine-d5	3.687	84	348932	23.452	ng/ul	0.00
7) Phenol-d5	7.111	99	495121	27.938	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	297441	26.783	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	367812	29.933	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	390492	27.729	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	190776	30.836	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	209439	33.028	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	368123	30.927	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	478366	24.582	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	1060477	29.200	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	1233909	30.425	ng/ul	0.00
54) 4-Nitrophenol-d4	14.840	143	230876	29.783	ng/ul	0.00
60) Fluorene-d10	15.622	176	901497	29.429	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	180743	29.615	ng/ul	0.00
73) Anthracene-d10	17.486	188	1386249	29.818	ng/ul	0.00
81) Pyrene-d10	19.786	212	1528314	34.495	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	1153951	31.189	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	47886	9.186	ng/uL	98
5) Pyridine	3.711	79	345126	23.383	ng/ul	96
6) Benzaldehyde	7.087	77	301180	34.413	ng/ul	99
8) Phenol	7.140	94	483273	25.691	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	380941	25.456	ng/ul	98
12) 2-Chlorophenol	7.511	128	363113	26.762	ng/ul	99
13) 2-Methylphenol	8.405	108	364267	25.900	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.499	45	518642	24.219	ng/ul	99
16) Acetophenone	8.793	105	570562	25.359	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.781	70	301476	25.157	ng/ul	99
18) 4-Methylphenol	8.740	108	401020	25.465	ng/ul	95
19) Hexachloroethane	9.040	117	144680	27.312	ng/ul	97
22) Nitrobenzene	9.175	77	453070	27.733	ng/ul	100
23) Isophorone	9.710	82	872542	27.053	ng/ul	98
25) 2-Nitrophenol	9.893	139	218723	29.227	ng/ul	98
26) 2,4-Dimethylphenol	9.957	107	429146	27.198	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.193	93	535286	26.541	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	344724	27.770	ng/ul	99
30) Naphthalene	10.840	128	1205634	26.674	ng/ul	99
32) 4-Chloroaniline	10.952	127	517361	25.646	ng/ul	99
33) Hexachlorobutadiene	11.116	225	188221	27.633	ng/ul	98
34) Caprolactam	11.746	113	132338m	27.437	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	413933	27.658	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.451	142	813021	26.047	ng/ul	100
37) 1-Methylnaphthalene	12.669	142	803497	25.706	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.816	216	383384	28.367	ng/ul	90
40) Hexachlorocyclopentadiene	12.793	237	181494	24.021	ng/ul#	83
41) 2,4,6-Trichlorophenol	13.063	196	270255	29.326	ng/ul	93
42) 2,4,5-Trichlorophenol	13.134	196	297802	29.017	ng/ul	98
43) 1,1'-Biphenyl	13.463	154	1053925	27.710	ng/ul	98
44) 2-Chloronaphthalene	13.504	162	816169	27.464	ng/ul	94
45) 2-Nitroaniline	13.716	65	282266	30.660	ng/ul	98
47) Dimethylphthalate	14.093	163	1049217	26.876	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	227052	31.050	ng/ul	92
50) Acenaphthylene	14.351	152	1307446	28.229	ng/ul	98
51) 3-Nitroaniline	14.545	138	270001	31.272	ng/ul	94
52) Acenaphthene	14.693	153	887592	27.025	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	128598	25.961	ng/ul	99
55) 4-Nitrophenol	14.851	109	175197	27.874	ng/ul	98
56) Dibenzofuran	15.028	168	1209843	26.994	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	328232	30.640	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.257	232	241896	28.321	ng/ul	97
59) Diethylphthalate	15.451	149	1089906	27.487	ng/ul	98
61) Fluorene	15.681	166	972235	26.984	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.669	204	429523	25.442	ng/ul	95
63) 4-Nitroaniline	15.710	138	282715	35.093	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.763	198	178629	27.262	ng/ul	99
67) N-Nitrosodiphenylamine	15.887	169	868334	28.067	ng/ul	95
68) 4-Bromophenyl-phenylether	16.569	248	287629	30.435	ng/ul	89
69) Hexachlorobenzene	16.687	284	310537	26.994	ng/ul	93
70) Atrazine	16.845	200	297271	28.532	ng/ul	97
71) Pentachlorophenol	17.034	266	210275	29.560	ng/ul	93
72) Phenanthrene	17.428	178	1596666	27.667	ng/ul	98
74) Anthracene	17.522	178	1620627	28.273	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.428	216	388377	28.863	ng/uL	98
76) Pentachlorobenzene	14.945	250	374178	25.908	ng/uL	94
77) Carbazole	17.792	167	1526510	28.792	ng/ul	99
78) Di-n-butylphthalate	18.351	149	1976787	30.084	ng/ul	99
80) Fluoranthene	19.451	202	1818391	32.696	ng/ul	98
82) Pyrene	19.816	202	1880444	32.319	ng/ul	99
83) Butylbenzylphthalate	20.710	149	914340	36.221	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.504	252	551049	28.633	ng/ul	99
85) Benzo(a)anthracene	21.569	228	1652922	29.069	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.486	149	1330174	36.432	ng/ul	98
87) Chrysene	21.627	228	1523531	27.881	ng/ul	98
89) Di-n-octyl phthalate	22.433	149	2274318	42.549	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1487907	31.270	ng/ul	97
91) Benzo(k)fluoranthene	23.345	252	1378207	29.317	ng/ul	99
93) Benzo(a)pyrene	23.945	252	1217492	28.629	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.645	276	1386312	26.081	ng/ul	96
95) Dibenzo(a,h)anthracene	26.674	278	1231119	25.888	ng/ul	99
96) Benzo(g,h,i)perylene	27.445	276	1150750	24.064	ng/ul	99

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

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