Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023236.D
Acq On : 16 Dec 2022 12:41
Operator : CG/JU
Sample : PB149615BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 21:42:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 23:22:36 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS615

Manual IntegrationsAPPROVED

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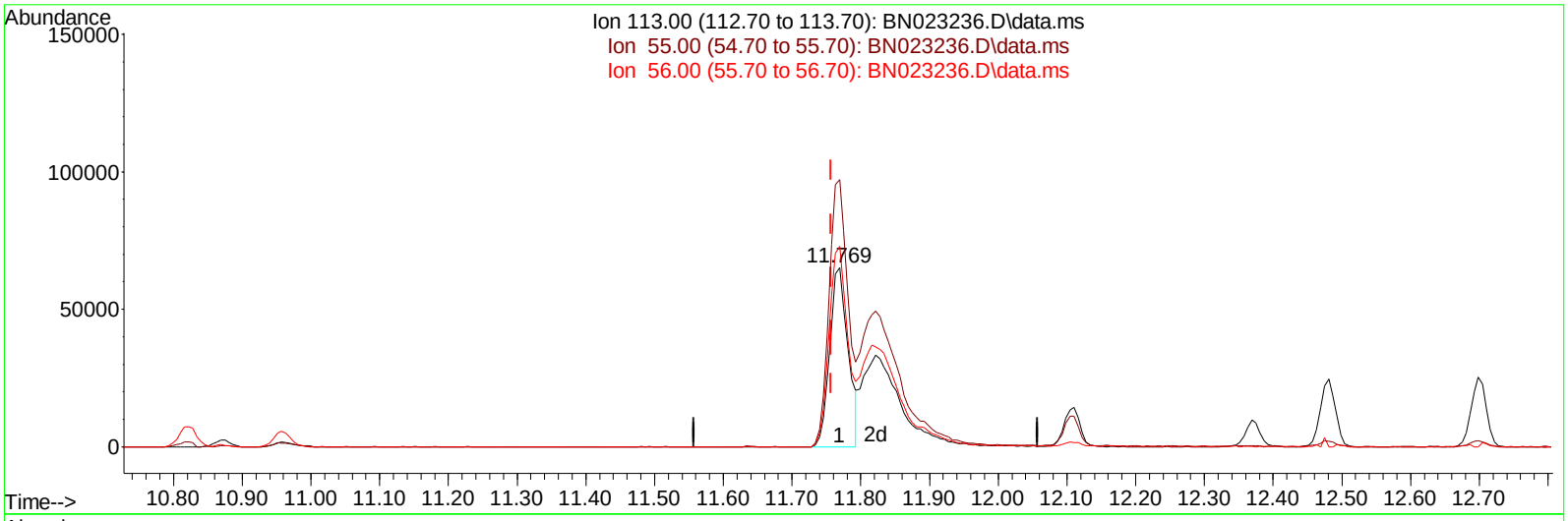
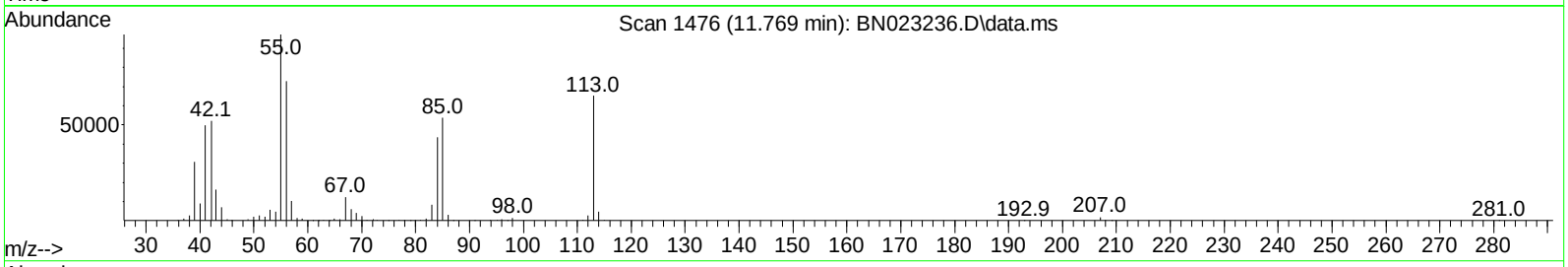
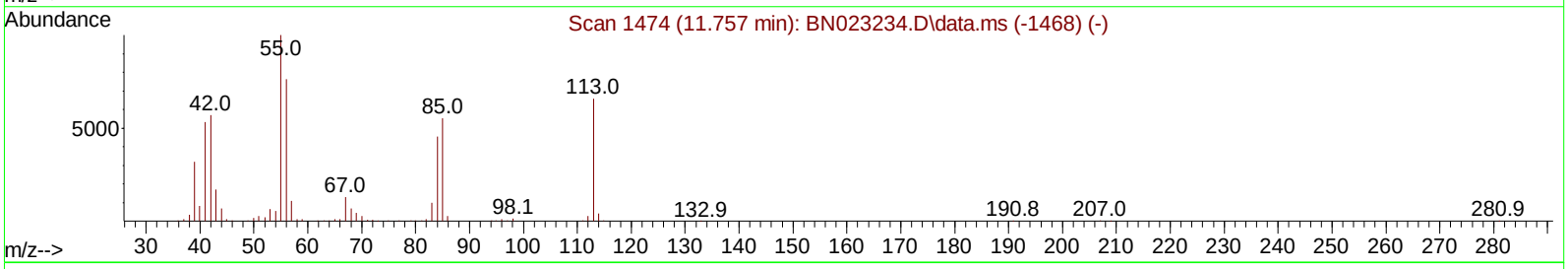
Supervised By :mohammad ahmed 12/19/2022







TIC: BN023236.D\data.ms

(34) Caprolactam

11.769min (+ 0.012) 16.46 ng/ul

response 120744

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.60	148.95
56.00	114.60	111.71
0.00	0.00	0.00

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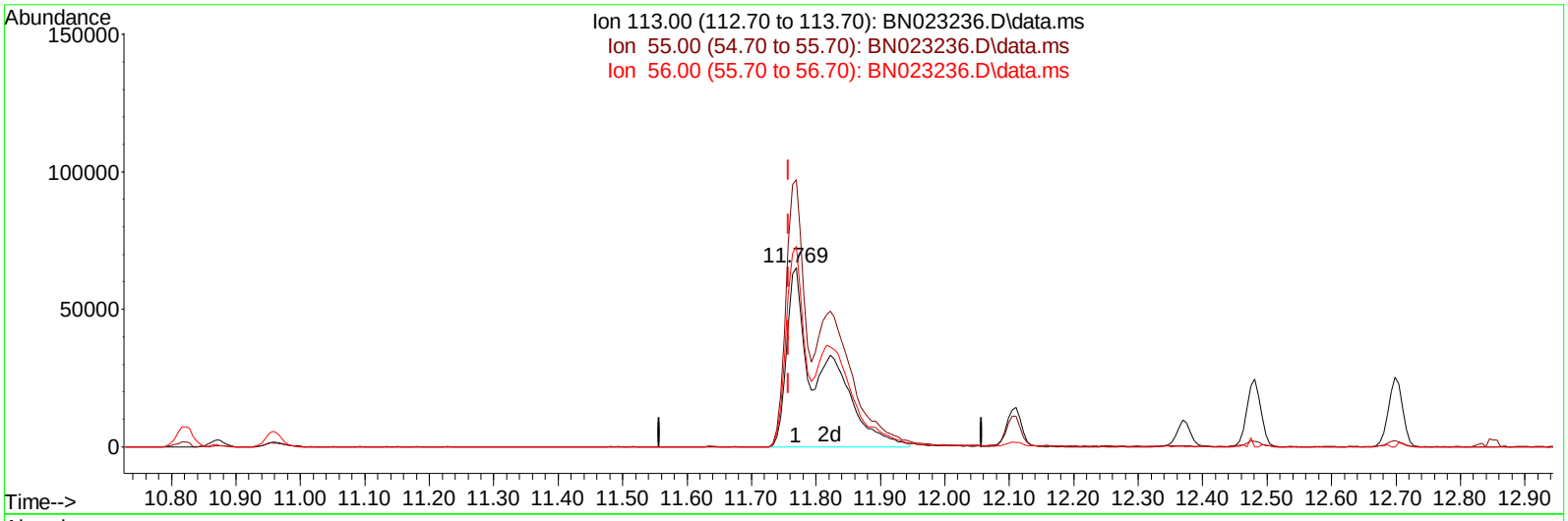

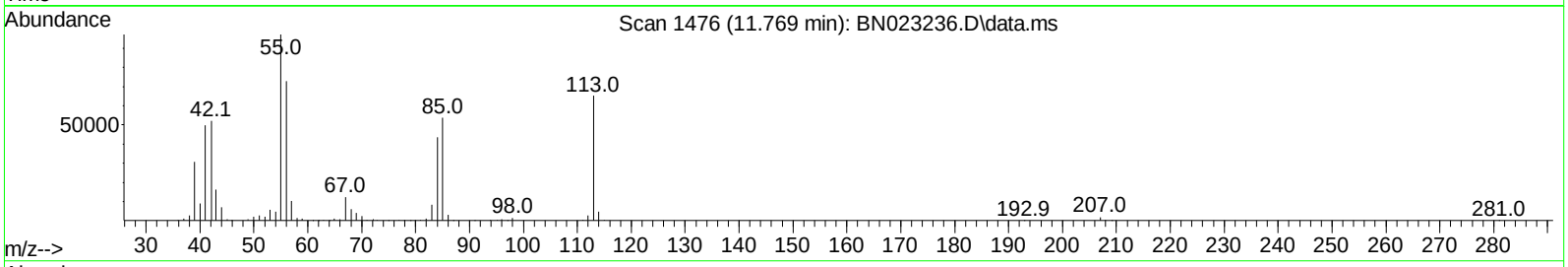

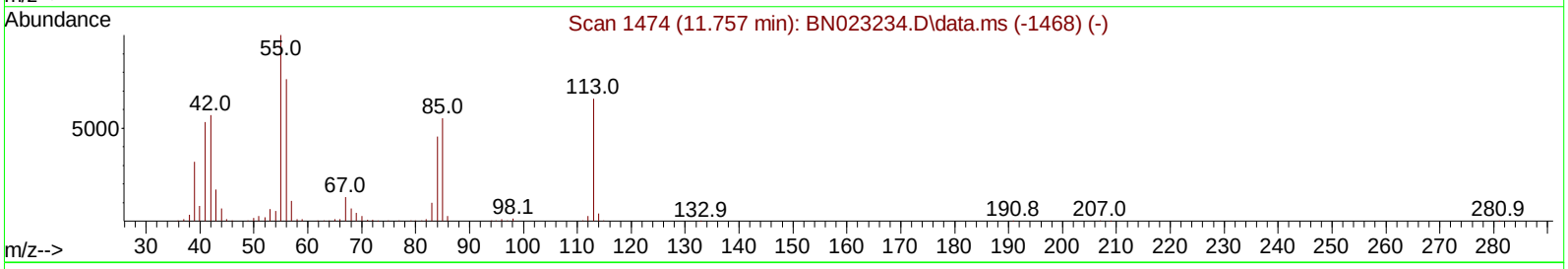

TIC: BN023236.D\data.ms

(34) Caprolactam

11.769min (+ 0.012) 33.70 ng/ul m

response 247159

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.60	148.95
56.00	114.60	111.71
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	7.999	152	267367	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1240947	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	815046	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	1867354	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1821103	20.000	ng/ul	0.01
88) Perylene-d12	24.045	264	1950853	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	37482	5.800	ng/uL	0.00
4) Pyridine-d5	3.769	84	559296	29.319	ng/ul	0.00
7) Phenol-d5	7.158	99	812399	32.670	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	460506	31.823	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	629996	33.622	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	653087	32.711	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	322255	33.611	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	349056	34.565	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	651323	34.166	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	868455	28.312	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	2025886	33.168	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2280269	33.290	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	438497	32.144	ng/ul	0.00
60) Fluorene-d10	15.645	176	1724589	33.146	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	377684	34.359	ng/ul	0.00
73) Anthracene-d10	17.498	188	2706505	32.340	ng/ul	0.00
81) Pyrene-d10	19.792	212	3341813	33.734	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	3284297	34.347	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	81098	12.109	ng/uL	98
5) Pyridine	3.793	79	588975	30.216	ng/ul	99
6) Benzaldehyde	7.134	77	360759	40.502	ng/ul	98
8) Phenol	7.187	94	870816	34.669	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	643336	32.976	ng/ul	99
12) 2-Chlorophenol	7.558	128	676617	35.159	ng/ul	97
13) 2-Methylphenol	8.446	108	655632	34.306	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.540	45	847301	34.291	ng/ul	98
16) Acetophenone	8.834	105	1021059	33.801	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	522022	34.510	ng/ul	99
18) 4-Methylphenol	8.781	108	727117	34.284	ng/ul	97
19) Hexachloroethane	9.093	117	253042	34.139	ng/ul	93
22) Nitrobenzene	9.216	77	790481	34.384	ng/ul	98
23) Isophorone	9.746	82	1522221	35.103	ng/ul	99
25) 2-Nitrophenol	9.934	139	402938	36.584	ng/ul	99
26) 2,4-Dimethylphenol	9.993	107	704434	31.596	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.228	93	915601	33.007	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	669610	35.496	ng/ul	99
30) Naphthalene	10.875	128	2218243	33.460	ng/ul	99
32) 4-Chloroaniline	10.981	127	753487	24.621	ng/ul	99
33) Hexachlorobutadiene	11.157	225	387859	36.065	ng/ul	95
34) Caprolactam	11.769	113	247159m	33.697	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	776176	36.326	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.481	142	1559484	34.902	ng/ul	98
37) 1-Methylnaphthalene	12.698	142	1557264	33.820	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.845	216	791921	34.352	ng/ul	95
40) Hexachlorocyclopentadiene	12.828	237	383292	27.641	ng/ul	97
41) 2,4,6-Trichlorophenol	13.087	196	533987	33.676	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	603608	34.394	ng/ul	99
43) 1,1'-Biphenyl	13.487	154	2053136	33.337	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	1645599	34.312	ng/ul	98
45) 2-Nitroaniline	13.734	65	516900	37.191	ng/ul	98
47) Dimethylphthalate	14.110	163	2091810	33.940	ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	449988	37.711	ng/ul	94
50) Acenaphthylene	14.375	152	2561814	34.010	ng/ul	99
51) 3-Nitroaniline	14.557	138	480364	39.536	ng/ul	96
52) Acenaphthene	14.716	153	1747075	33.362	ng/ul	98
53) 2,4-Dinitrophenol	14.763	184	260483	34.258	ng/ul	94
55) 4-Nitrophenol	14.863	109	345482	34.242	ng/ul	95
56) Dibenzofuran	15.051	168	2461023	33.754	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	666310	37.829	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.275	232	487163	32.063	ng/ul	98
59) Diethylphthalate	15.475	149	2146845	35.015	ng/ul	99
61) Fluorene	15.698	166	1946792	32.973	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.692	204	944137	33.365	ng/ul	98
63) 4-Nitroaniline	15.728	138	524942	44.365	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.781	198	388368	36.189	ng/ul	98
67) N-Nitrosodiphenylamine	15.910	169	1728933	33.454	ng/ul	100
68) 4-Bromophenyl-phenylether	16.586	248	634384	35.208	ng/ul	97
69) Hexachlorobenzene	16.704	284	724309	34.382	ng/ul	94
70) Atrazine	16.857	200	263999	13.979	ng/ul	94
71) Pentachlorophenol	17.045	266	427983	30.767	ng/ul	97
72) Phenanthrene	17.445	178	3380734	34.214	ng/ul	99
74) Anthracene	17.533	178	3267311	33.140	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.451	216	812459	34.986	ng/uL	98
76) Pentachlorobenzene	14.969	250	792216	33.666	ng/uL	96
77) Carbazole	17.804	167	3186230	35.096	ng/ul	100
78) Di-n-butylphthalate	18.369	149	3849729	35.713	ng/ul	100
80) Fluoranthene	19.457	202	4107579	35.652	ng/ul	99
82) Pyrene	19.822	202	4128252	34.109	ng/ul	99
83) Butylbenzylphthalate	20.716	149	1870788	37.353	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	1404217	35.088	ng/ul	98
85) Benzo(a)anthracene	21.574	228	4206839	34.479	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.492	149	2654819	37.488	ng/ul	99
87) Chrysene	21.627	228	3931279	34.142	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	4705128	39.826	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	4359322	35.428	ng/ul	100
91) Benzo(k)fluoranthene	23.345	252	4260387	36.383	ng/ul	98
93) Benzo(a)pyrene	23.939	252	3730819	35.281	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.615	276	4287929	32.008	ng/ul	98
95) Dibenzo(a,h)anthracene	26.639	278	3724738	34.101	ng/ul	99
96) Benzo(g,h,i)perylene	27.409	276	3640792	34.349	ng/ul	97

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

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