Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121522\
Data File : BN023221.D
Acq On : 15 Dec 2022 18:38
Operator : CG/JU
Sample : PB149618BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 16 00:51:05 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 :
SLCS618

Manual IntegrationsAPPROVED

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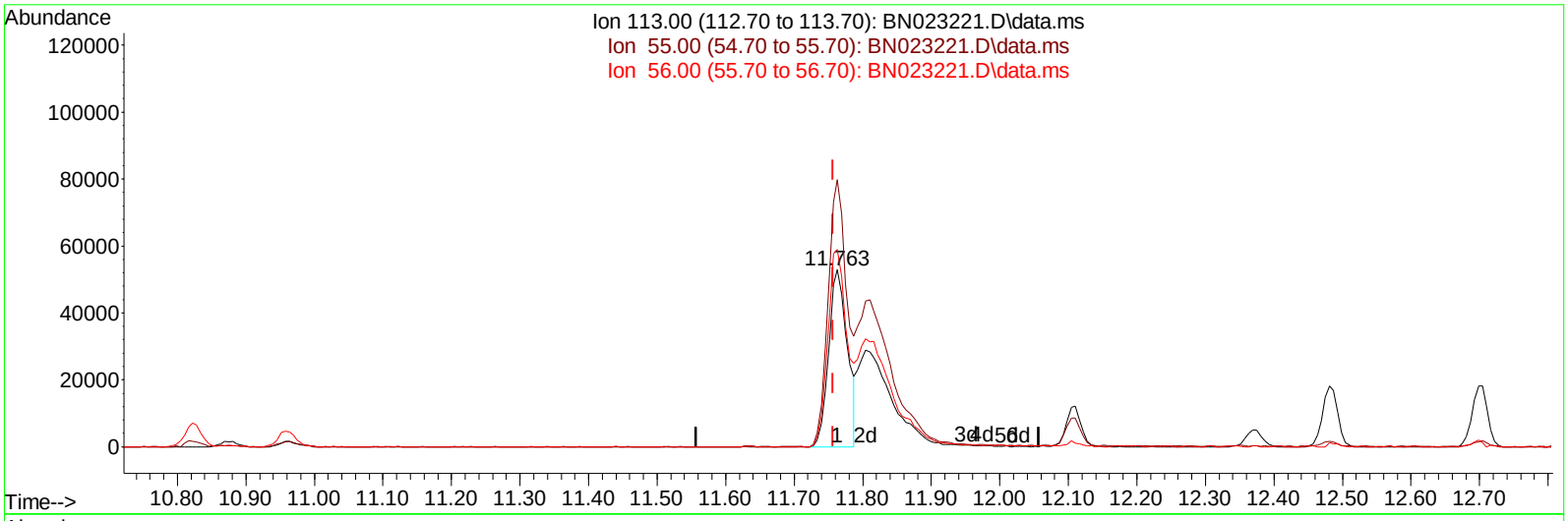
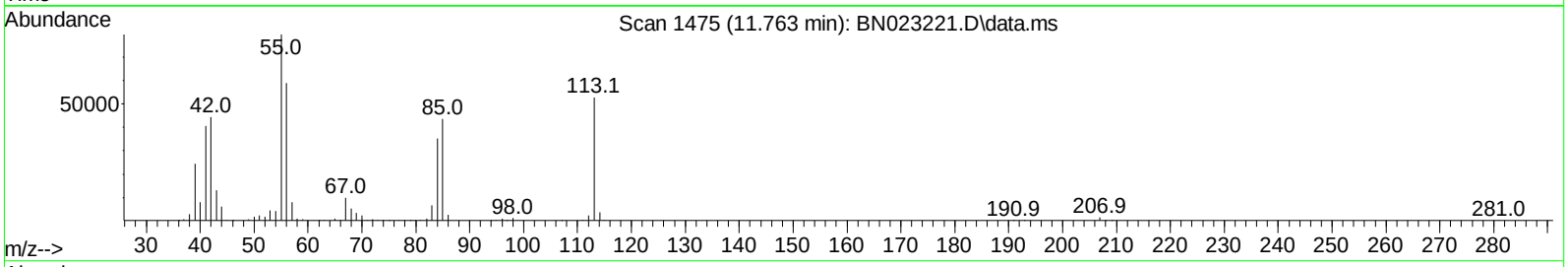
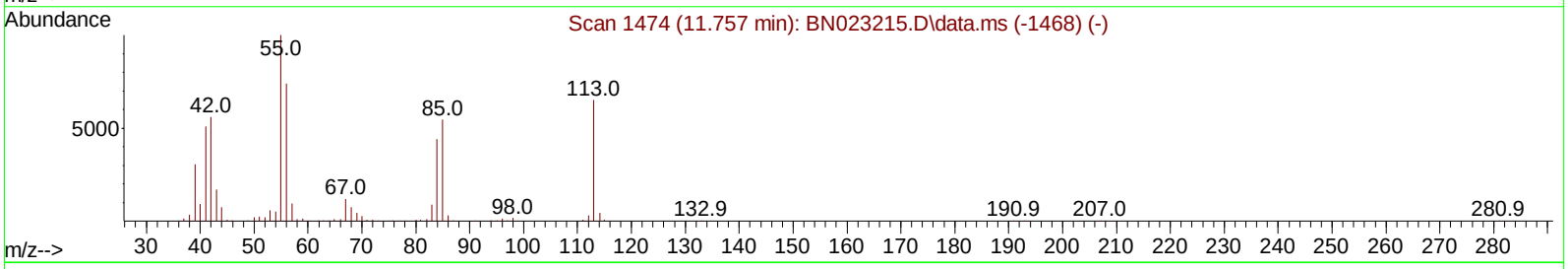
Supervised By :mohammad ahmed 12/16/2022







TIC: BN023221.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 15.66 ng/ul

response 100474

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.60	150.85
56.00	114.60	111.65
0.00	0.00	0.00

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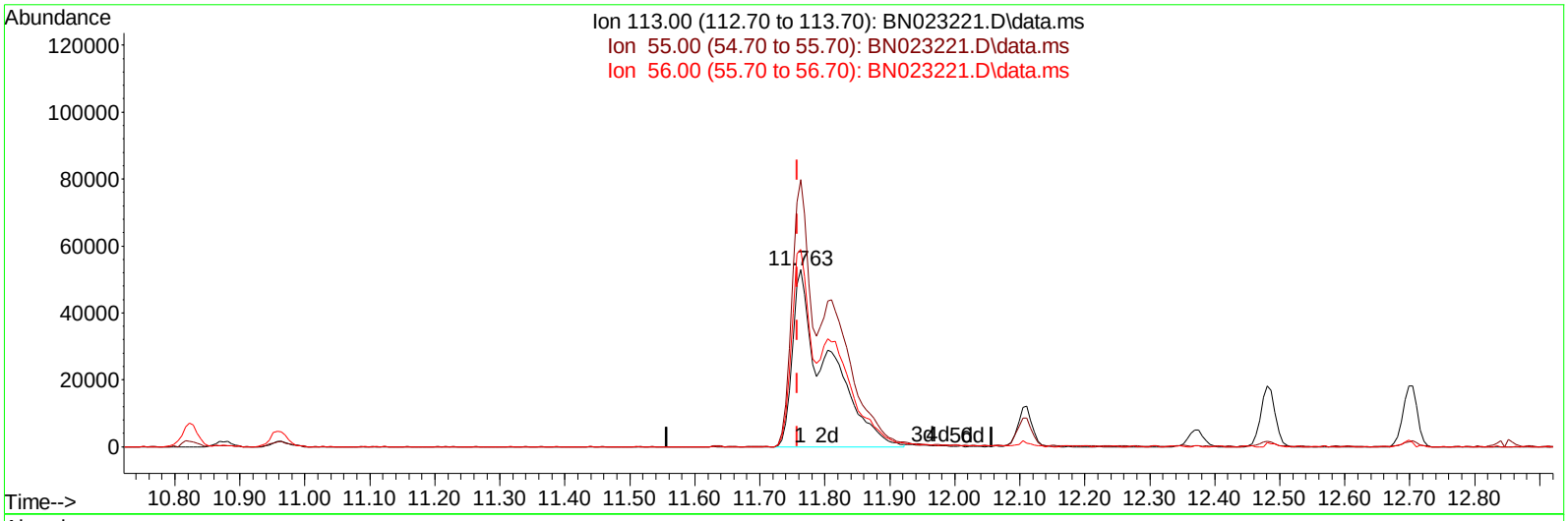

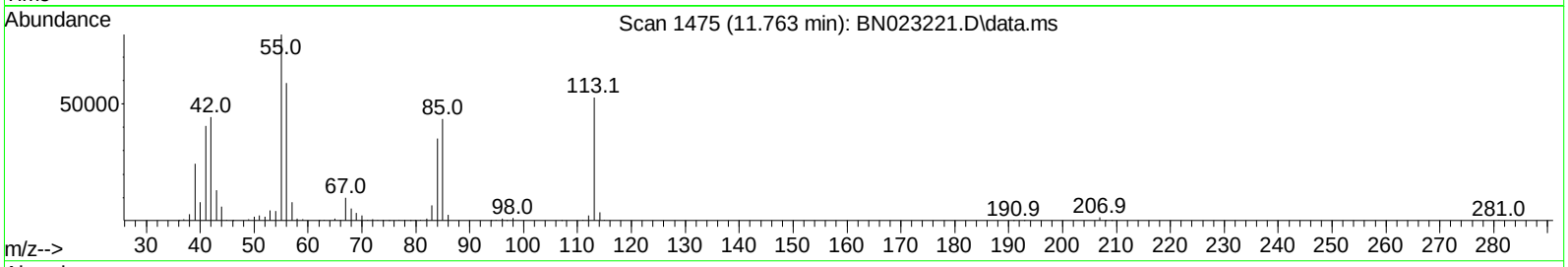

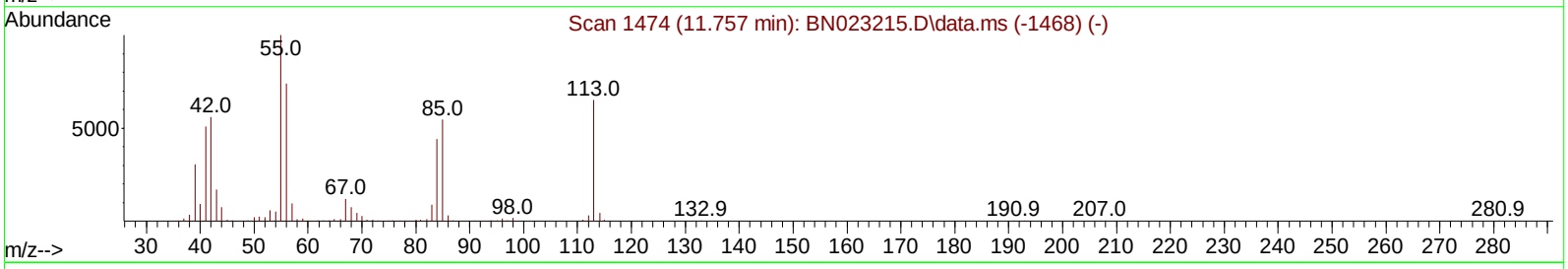

TIC: BN023221.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 31.01 ng/ul m

response 198938

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.60	150.85
56.00	114.60	111.65
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	8.005	152	231565	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1085312	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	725736	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	1666604	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1675099	20.000	ng/ul	0.00
88) Perylene-d12	24.039	264	1869845	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	31830	5.687	ng/uL	0.00
4) Pyridine-d5	3.775	84	468184	28.337	ng/ul	0.00
7) Phenol-d5	7.158	99	676633	31.417	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	385819	30.784	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	513160	31.621	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	545894	31.569	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	272376	32.482	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	291596	33.016	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	534458	32.056	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	762852	28.435	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	1751519	32.205	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	1959430	32.126	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	399571	32.895	ng/ul	0.00
60) Fluorene-d10	15.645	176	1481683	31.982	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	312772	31.881	ng/ul	0.00
73) Anthracene-d10	17.498	188	2429879	32.532	ng/ul	0.00
81) Pyrene-d10	19.792	212	2926997	32.122	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	3206585	34.987	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	61352	10.577	ng/uL	97
5) Pyridine	3.793	79	451608	26.751	ng/ul	99
6) Benzaldehyde	7.134	77	356742	46.243	ng/ul	98
8) Phenol	7.187	94	647453	29.761	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	494346	29.257	ng/ul	99
12) 2-Chlorophenol	7.563	128	501311	30.077	ng/ul	98
13) 2-Methylphenol	8.452	108	490831	29.653	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.540	45	634530	29.651	ng/ul	99
16) Acetophenone	8.834	105	783959	29.964	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	397308	30.326	ng/ul	100
18) 4-Methylphenol	8.781	108	546829	29.770	ng/ul	98
19) Hexachloroethane	9.093	117	187414	29.194	ng/ul	96
22) Nitrobenzene	9.216	77	591509	29.419	ng/ul	98
23) Isophorone	9.746	82	1158411	30.544	ng/ul	100
25) 2-Nitrophenol	9.934	139	301080	31.256	ng/ul	100
26) 2,4-Dimethylphenol	9.993	107	535109	27.443	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.234	93	699549	28.835	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	512549	31.066	ng/ul	98
30) Naphthalene	10.875	128	1709512	29.484	ng/ul	100
32) 4-Chloroaniline	10.987	127	721130	26.942	ng/ul	99
33) Hexachlorobutadiene	11.163	225	289245	30.752	ng/ul	97
34) Caprolactam	11.763	113	198938m	31.012	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	590051	31.575	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.481	142	1185171	30.328	ng/ul	100
37) 1-Methylnaphthalene	12.698	142	1197366	29.733	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	606322	29.538	ng/ul	97
40) Hexachlorocyclopentadiene	12.828	237	301706	24.435	ng/ul	97
41) 2,4,6-Trichlorophenol	13.087	196	428035	30.316	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	473135	30.277	ng/ul	98
43) 1,1'-Biphenyl	13.487	154	1578718	28.788	ng/ul	99
44) 2-Chloronaphthalene	13.534	162	1244089	29.132	ng/ul	98
45) 2-Nitroaniline	13.734	65	398539	32.204	ng/ul	99
47) Dimethylphthalate	14.110	163	1683234	30.672	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	356355	33.539	ng/ul	98
50) Acenaphthylene	14.375	152	1986808	29.622	ng/ul	98
51) 3-Nitroaniline	14.557	138	389053	35.961	ng/ul	99
52) Acenaphthene	14.716	153	1379302	29.581	ng/ul	98
53) 2,4-Dinitrophenol	14.763	184	202137	29.856	ng/ul	93
55) 4-Nitrophenol	14.863	109	278009	30.945	ng/ul	98
56) Dibenzofuran	15.051	168	1907042	29.375	ng/ul	97
57) 2,4-Dinitrotoluene	15.016	165	535556	34.147	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.275	232	424098	31.347	ng/ul	98
59) Diethylphthalate	15.475	149	1719498	31.497	ng/ul	99
61) Fluorene	15.698	166	1570448	29.872	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.692	204	758971	30.122	ng/ul	98
63) 4-Nitroaniline	15.722	138	422296	40.082	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.775	198	311149	32.486	ng/ul	98
67) N-Nitrosodiphenylamine	15.904	169	1394851	30.241	ng/ul	99
68) 4-Bromophenyl-phenylether	16.587	248	501274	31.172	ng/ul	96
69) Hexachlorobenzene	16.704	284	587029	31.222	ng/ul	98
70) Atrazine	16.857	200	497557	29.519	ng/ul	94
71) Pentachlorophenol	17.045	266	375730	30.264	ng/ul	98
72) Phenanthrene	17.439	178	2716857	30.808	ng/ul	99
74) Anthracene	17.534	178	2721332	30.927	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	619414	29.886	ng/uL	96
76) Pentachlorobenzene	14.969	250	621079	29.572	ng/uL	94
77) Carbazole	17.804	167	2654923	32.766	ng/ul	100
78) Di-n-butylphthalate	18.363	149	3150125	32.743	ng/ul	100
80) Fluoranthene	19.457	202	3396879	32.053	ng/ul	98
82) Pyrene	19.822	202	3441287	30.912	ng/ul	97
83) Butylbenzylphthalate	20.710	149	1534019	33.298	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	1278123	34.721	ng/ul	99
85) Benzo(a)anthracene	21.569	228	3515297	31.323	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.486	149	2178099	33.437	ng/ul	99
87) Chrysene	21.622	228	3303972	31.195	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	3964922	35.015	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	3779790	32.049	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	3617912	32.235	ng/ul	99
93) Benzo(a)pyrene	23.927	252	3271316	32.276	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.604	276	3777458	29.419	ng/ul	99
95) Dibenzo(a,h)anthracene	26.621	278	3278998	31.320	ng/ul	98
96) Benzo(g,h,i)perylene	27.404	276	3212234	31.619	ng/ul	97

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

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