Quantitation Report (Qedit)

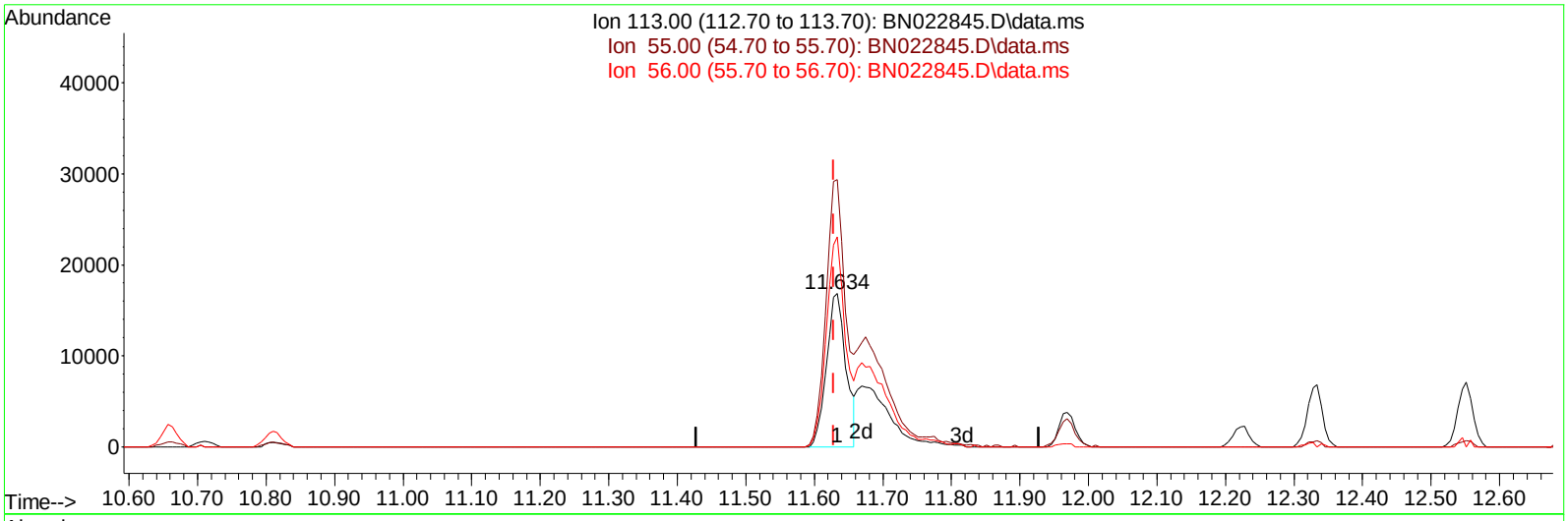
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022845.D
Acq On : 23 Nov 2022 03:44
Operator : CG/JU
Sample : PB149042BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

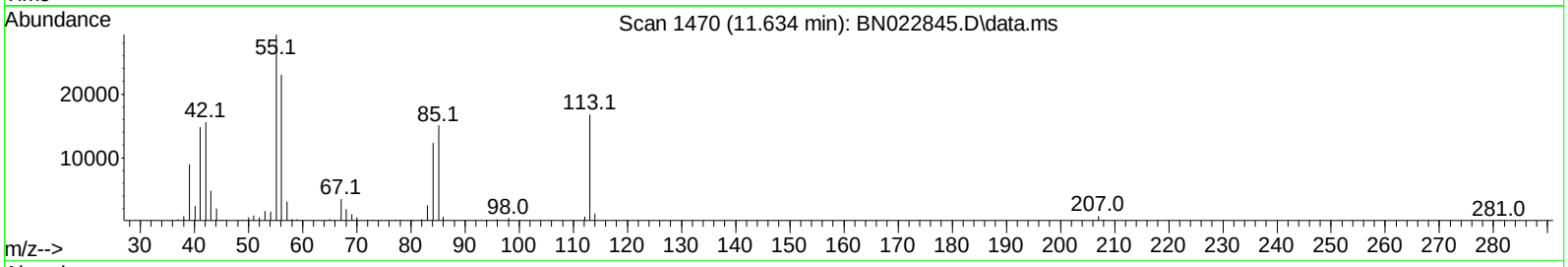
Quant Time: Nov 23 04:26:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 05:15:51 2022
Response via : Initial Calibration

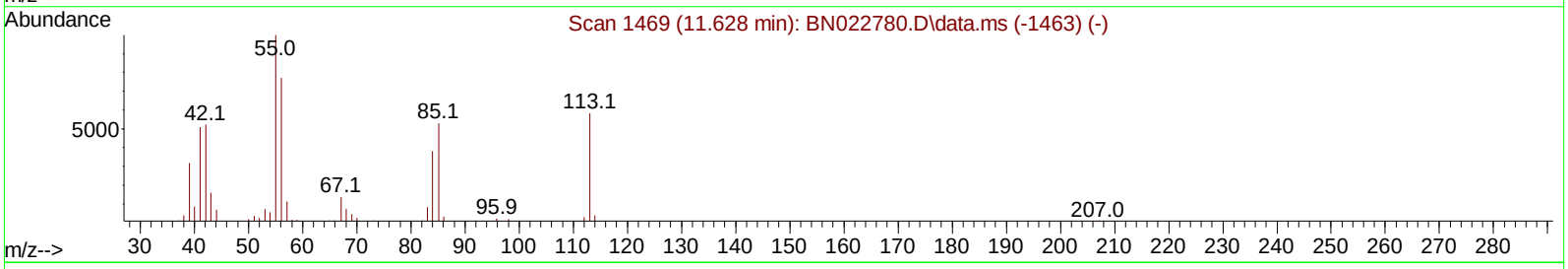
Instrument :
BNA_N
ClientSampleId :
SLCS042

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022







TIC: BN022845.D\data.ms

(34) Caprolactam

11.634min (+ 0.006) 19.89 ng/ul

response 33278

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	174.47
56.00	129.70	137.09
0.00	0.00	0.00

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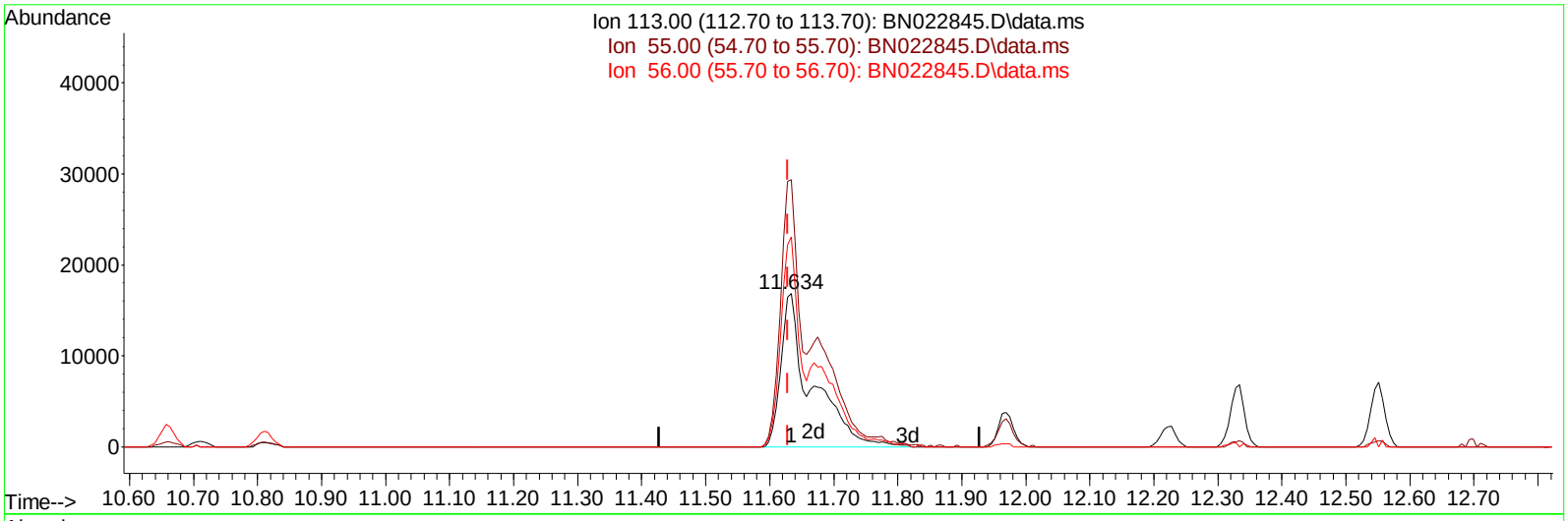

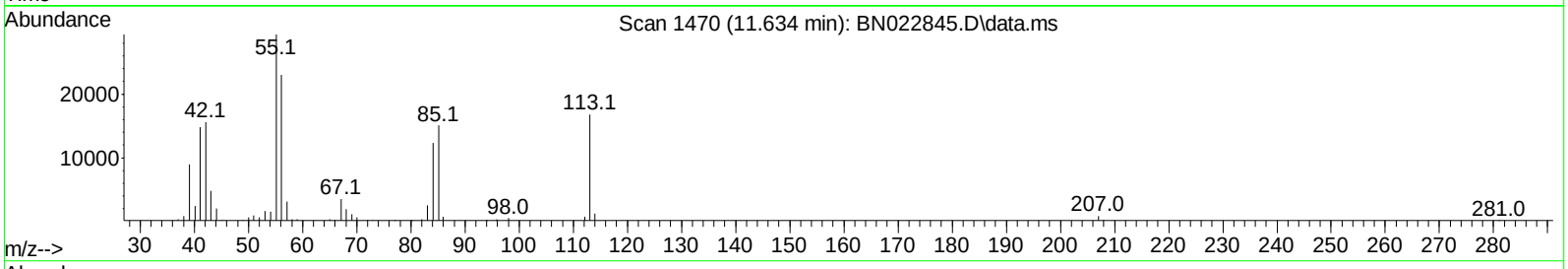

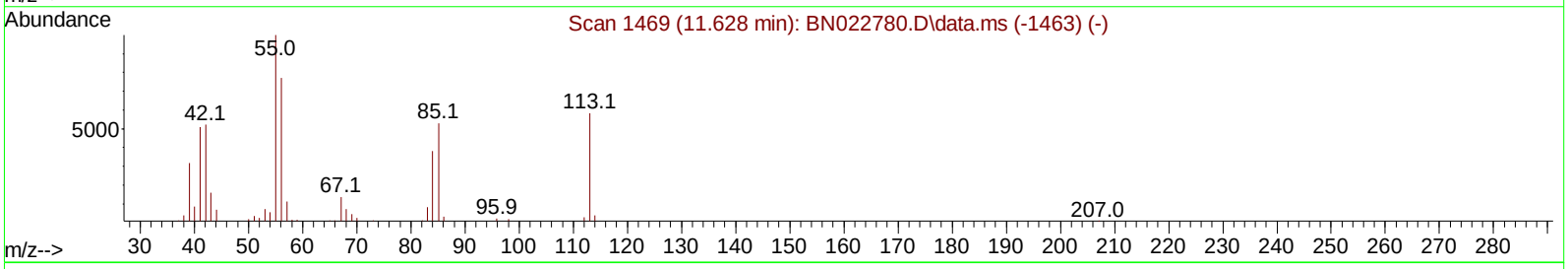

TIC: BN022845.D\data.ms

(34) Caprolactam

11.634min (+ 0.006) 33.40 ng/ul m

response 55869

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	174.47
56.00	129.70	137.09
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	7.840	152	60276	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	294639	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	193745	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	396872	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	386292	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	362032	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	10230	5.794	ng/uL	0.00
4) Pyridine-d5	3.605	84	147083	29.459	ng/ul	0.00
7) Phenol-d5	7.010	99	208019	36.540	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	130346	38.187	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	152227	36.513	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	172334	38.344	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	82460	36.157	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	91961	36.138	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	160089	36.902	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	221042	33.450	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	512896	36.396	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	575180	37.043	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	97902	34.849	ng/ul	0.00
60) Fluorene-d10	15.510	176	415352	35.937	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	85879	34.044	ng/ul	0.00
73) Anthracene-d10	17.369	188	649391	37.368	ng/ul	0.00
81) Pyrene-d10	19.674	212	717740	35.853	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.709	264	690279	37.930	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	19597	10.431	ng/uL#	94
5) Pyridine	3.628	79	144498	29.189	ng/ul	97
6) Benzaldehyde	6.981	77	116655	40.502	ng/ul	98
8) Phenol	7.040	94	203622	34.342	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.269	93	154917	33.530	ng/ul	98
12) 2-Chlorophenol	7.404	128	146958	33.011	ng/ul	99
13) 2-Methylphenol	8.299	108	149179	33.802	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	222562	36.493	ng/ul	98
16) Acetophenone	8.687	105	251479	35.057	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.669	70	141381	36.981	ng/ul	97
18) 4-Methylphenol	8.634	108	168887	35.242	ng/ul	99
19) Hexachloroethane	8.922	117	62656	33.242	ng/ul	93
22) Nitrobenzene	9.063	77	201184	32.560	ng/ul	98
23) Isophorone	9.593	82	395348	33.450	ng/ul	100
25) 2-Nitrophenol	9.781	139	90477	32.340	ng/ul	94
26) 2,4-Dimethylphenol	9.840	107	185195	30.859	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	228602	33.540	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	149014	33.795	ng/ul	99
30) Naphthalene	10.710	128	515705	32.976	ng/ul	100
32) 4-Chloroaniline	10.834	127	211052	30.582	ng/ul	97
33) Hexachlorobutadiene	10.987	225	90900	33.492	ng/ul	96
34) Caprolactam	11.634	113	55869m	33.399	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	200746	34.908	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.328	142	360043	33.795	ng/ul	100
37) 1-Methylnaphthalene	12.551	142	362881	33.979	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.698	216	170588	32.803	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	84798	27.929	ng/ul	95
41) 2,4,6-Trichlorophenol	12.945	196	118924	32.209	ng/ul	95
42) 2,4,5-Trichlorophenol	13.022	196	130336	33.334	ng/ul	100
43) 1,1'-Biphenyl	13.345	154	468737	32.960	ng/ul	98
44) 2-Chloronaphthalene	13.392	162	361926	32.660	ng/ul	98
45) 2-Nitroaniline	13.610	65	141898	35.260	ng/ul	98
47) Dimethylphthalate	13.981	163	486914	32.874	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	102247	34.102	ng/ul	98
50) Acenaphthylene	14.234	152	580830	33.485	ng/ul	99
51) 3-Nitroaniline	14.439	138	104422	32.346	ng/ul	99
52) Acenaphthene	14.581	153	400561	32.547	ng/ul	96
53) 2,4-Dinitrophenol	14.651	184	56805	27.110	ng/ul	98
55) 4-Nitrophenol	14.751	109	91133	32.726	ng/ul	98
56) Dibenzofuran	14.916	168	548359	33.722	ng/ul	100
57) 2,4-Dinitrotoluene	14.898	165	147111	33.693	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.145	232	110681	33.052	ng/ul	98
59) Diethylphthalate	15.339	149	526526	33.539	ng/ul	98
61) Fluorene	15.563	166	455616	33.551	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.563	204	213199	33.306	ng/ul	98
63) 4-Nitroaniline	15.604	138	99315	34.496	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.663	198	80878	31.018	ng/ul	96
67) N-Nitrosodiphenylamine	15.781	169	387573	32.617	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	134492	34.413	ng/ul	99
69) Hexachlorobenzene	16.569	284	159837	34.987	ng/ul	90
70) Atrazine	16.739	200	138689	32.744	ng/ul	97
71) Pentachlorophenol	16.922	266	92611	31.906	ng/ul	98
72) Phenanthrene	17.310	178	730570	34.153	ng/ul	97
74) Anthracene	17.404	178	731005	33.738	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.310	216	171174	32.706	ng/uL	97
76) Pentachlorobenzene	14.834	250	173779	30.766	ng/uL	96
77) Carbazole	17.680	167	667524	33.157	ng/ul	97
78) Di-n-butylphthalate	18.239	149	917396	32.019	ng/ul	100
80) Fluoranthene	19.339	202	809319	32.392	ng/ul	99
82) Pyrene	19.704	202	830328	32.442	ng/ul	99
83) Butylbenzylphthalate	20.604	149	424045	32.549	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	280164	32.870	ng/ul	94
85) Benzo(a)anthracene	21.457	228	821795	32.216	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.380	149	644799	33.533	ng/ul	99
87) Chrysene	21.515	228	772387	31.973	ng/ul	100
89) Di-n-octyl phthalate	22.304	149	1113271	34.964	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	846726	34.512	ng/ul	97
91) Benzo(k)fluoranthene	23.186	252	771771	33.139	ng/ul	97
93) Benzo(a)pyrene	23.762	252	716188	34.439	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.374	276	812910	34.371	ng/ul	97
95) Dibenzo(a,h)anthracene	26.386	278	710707	33.527	ng/ul	98
96) Benzo(g,h,i)perylene	27.145	276	679393	32.946	ng/ul	97

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

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