Quantitation Report (Qedit)

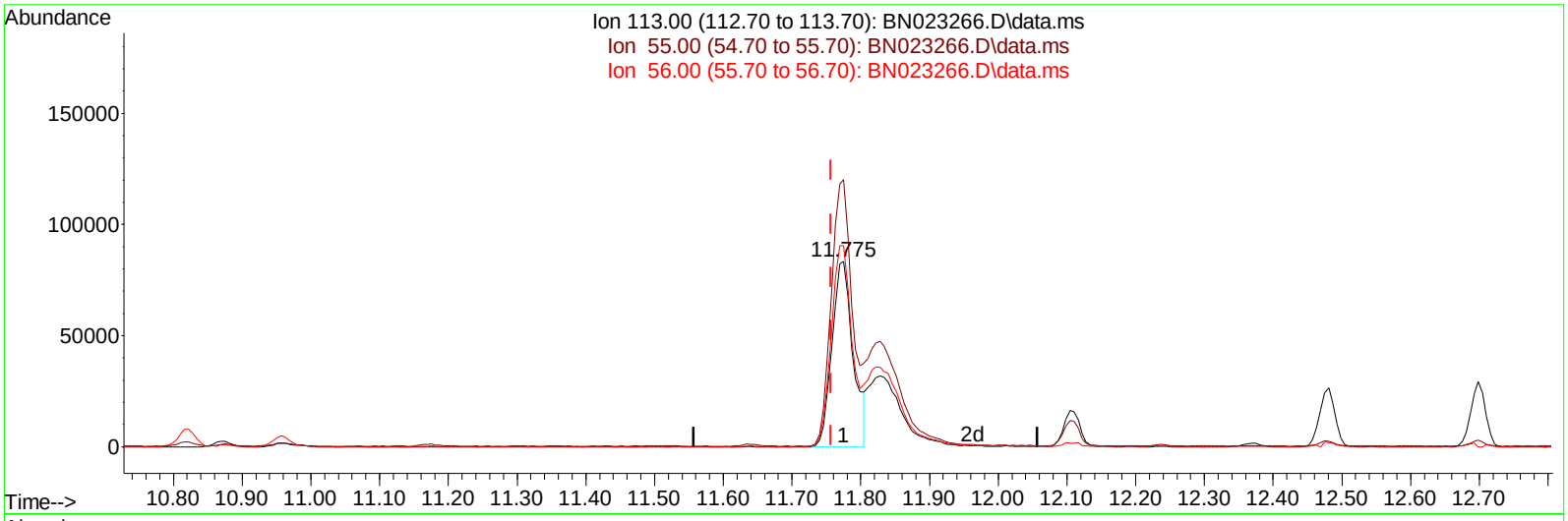
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023266.D
Acq On : 17 Dec 2022 07:52
Operator : CG/JU
Sample : N5925-05MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

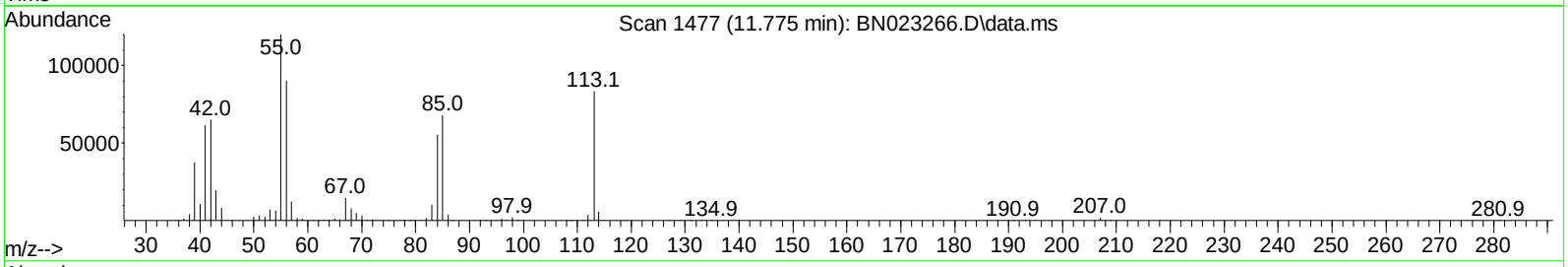
Quant Time: Dec 19 00:13:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 23:22:36 2022
Response via : Initial Calibration

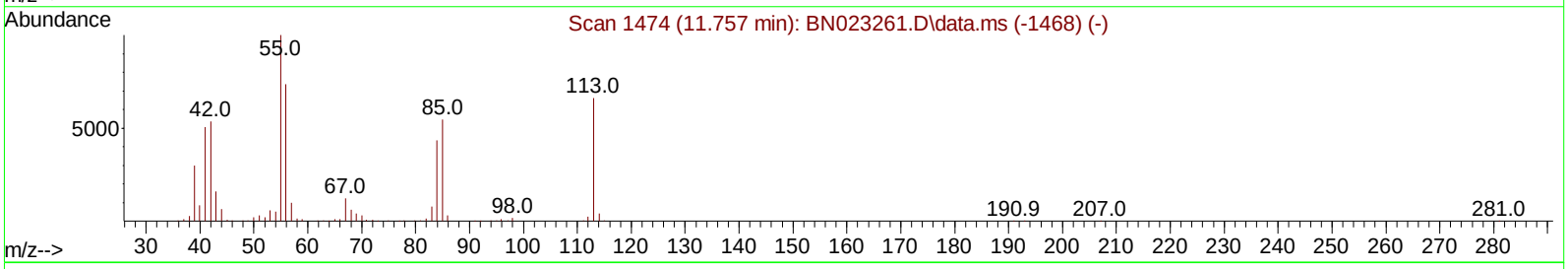
Instrument :
BNA_N
ClientSampleId :
DBXQ9MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022







TIC: BN023266.D\data.ms

(34) Caprolactam

11.775min (+ 0.018) 22.70 ng/ul

response 176773

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.60	144.08
56.00	114.60	108.40
0.00	0.00	0.00

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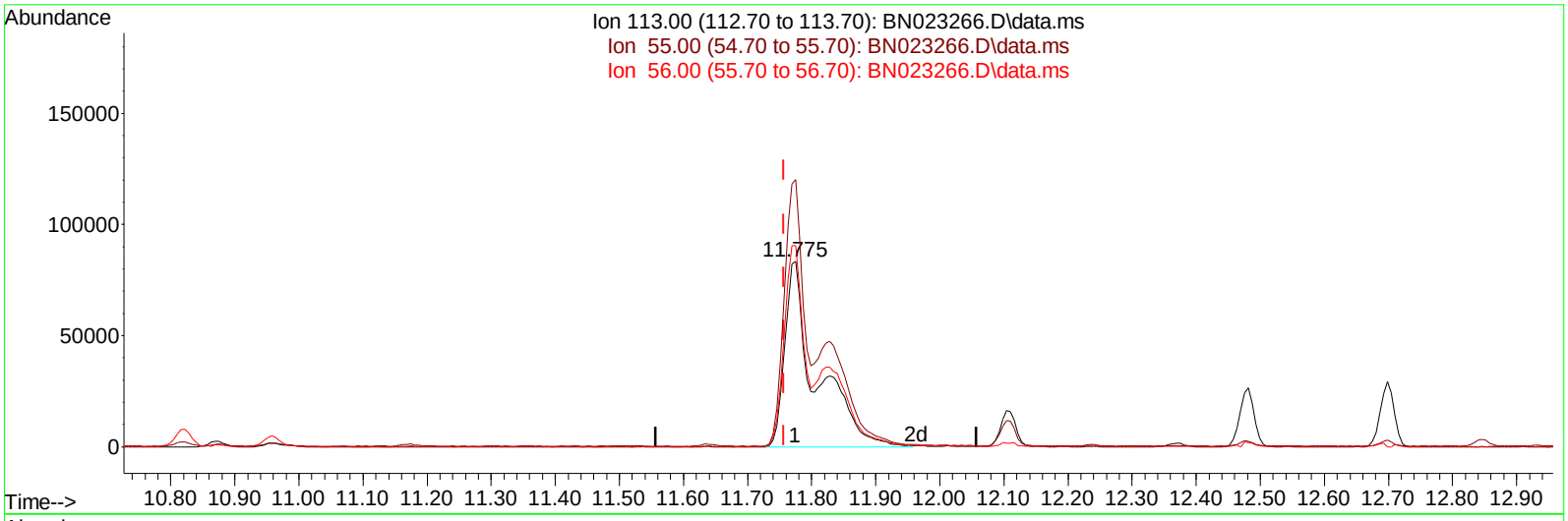

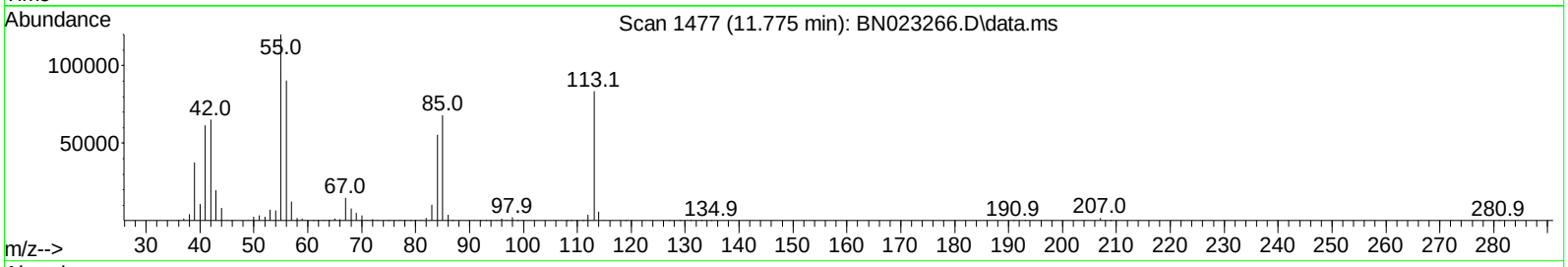

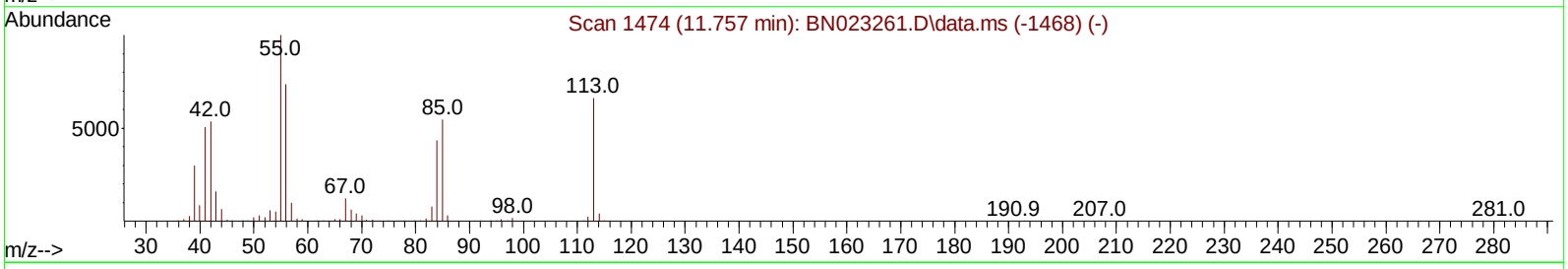

TIC: BN023266.D\data.ms

(34) Caprolactam

11.775min (+ 0.018) 36.47 ng/ul m

response 284042

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.60	144.08
56.00	114.60	108.40
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	285382	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1317559	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	874587	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	1906405	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1482219	20.000	ng/ul	0.00
88) Perylene-d12	24.039	264	1577330	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	31281	4.535	ng/uL	0.00
4) Pyridine-d5	3.775	84	250680	12.311	ng/ul	0.00
7) Phenol-d5	7.158	99	755391	28.460	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	443940	28.742	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	625523	31.276	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	596664	27.998	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	340316	33.430	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	376390	35.105	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	686810	33.932	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	822137	25.243	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	2104890	32.115	ng/ul	0.00
49) Acenaphthylene-d8	14.346	160	2426124	33.008	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	393597	26.888	ng/ul	0.00
60) Fluorene-d10	15.645	176	1823259	32.657	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	373174	33.253	ng/ul	0.00
73) Anthracene-d10	17.498	188	2815862	32.958	ng/ul	0.00
81) Pyrene-d10	19.792	212	3206476	39.768	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	2649065	34.264	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	77515	10.843	ng/uL	97
5) Pyridine	3.793	79	403532	19.395	ng/ul	96
6) Benzaldehyde	7.128	77	456688	48.035	ng/ul	99
8) Phenol	7.187	94	940517	35.080	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	713159	34.247	ng/ul	96
12) 2-Chlorophenol	7.558	128	724300	35.261	ng/ul	97
13) 2-Methylphenol	8.446	108	711326	34.870	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.540	45	879425	33.345	ng/ul	98
16) Acetophenone	8.834	105	1149774	35.659	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	570368	35.326	ng/ul	98
18) 4-Methylphenol	8.781	108	798663	35.280	ng/ul	98
19) Hexachloroethane	9.087	117	284095	35.909	ng/ul	98
22) Nitrobenzene	9.216	77	853253	34.956	ng/ul	98
23) Isophorone	9.746	82	1691997	36.750	ng/ul	99
25) 2-Nitrophenol	9.928	139	450834	38.553	ng/ul	98
26) 2,4-Dimethylphenol	9.987	107	771174	32.579	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.228	93	991018	33.648	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	766973	38.293	ng/ul	97
30) Naphthalene	10.869	128	2479385	35.224	ng/ul	99
32) 4-Chloroaniline	10.981	127	829948	25.542	ng/ul	100
33) Hexachlorobutadiene	11.157	225	445777	39.040	ng/ul	99
34) Caprolactam	11.775	113	284042m	36.473	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	872511	38.460	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.481	142	1743593	36.753	ng/ul	98
37) 1-Methylnaphthalene	12.699	142	1771806	36.242	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.846	216	913279	36.919	ng/ul	97
40) Hexachlorocyclopentadiene	12.828	237	404691	27.198	ng/ul	100
41) 2,4,6-Trichlorophenol	13.087	196	646694	38.007	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	698543	37.094	ng/ul	93
43) 1,1'-Biphenyl	13.487	154	2290071	34.653	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	1822139	35.406	ng/ul	98
45) 2-Nitroaniline	13.734	65	573168	38.432	ng/ul	97
47) Dimethylphthalate	14.110	163	2335503	35.314	ng/ul	100
48) 2,6-Dinitrotoluene	14.234	165	511962	39.984	ng/ul	92
50) Acenaphthylene	14.375	152	2858798	35.369	ng/ul	98
51) 3-Nitroaniline	14.557	138	548931	42.103	ng/ul	96
52) Acenaphthene	14.716	153	2003084	35.647	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	300328	36.809	ng/ul	95
55) 4-Nitrophenol	14.863	109	382783	35.356	ng/ul	99
56) Dibenzofuran	15.051	168	2720304	34.770	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	749525	39.656	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.275	232	609036	37.355	ng/ul	96
59) Diethylphthalate	15.475	149	2428033	36.906	ng/ul	98
61) Fluorene	15.698	166	2183655	34.467	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.693	204	1073759	35.362	ng/ul	98
63) 4-Nitroaniline	15.728	138	587330	46.258	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.781	198	421300	38.454	ng/ul	98
67) N-Nitrosodiphenylamine	15.904	169	1965539	37.253	ng/ul	99
68) 4-Bromophenyl-phenylether	16.587	248	732952	39.845	ng/ul	98
69) Hexachlorobenzene	16.704	284	829298	38.560	ng/ul	97
70) Atrazine	16.857	200	443914	23.024	ng/ul	99
71) Pentachlorophenol	17.045	266	478445	33.690	ng/ul	99
72) Phenanthrene	17.439	178	3787854	37.549	ng/ul	99
74) Anthracene	17.534	178	3641362	36.178	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.451	216	934253	39.407	ng/uL	99
76) Pentachlorobenzene	14.969	250	904155	37.636	ng/uL	99
77) Carbazole	17.804	167	3539440	38.188	ng/ul	99
78) Di-n-butylphthalate	18.363	149	4388488	39.877	ng/ul	100
80) Fluoranthene	19.457	202	4391428	46.830	ng/ul	97
82) Pyrene	19.822	202	4362931	44.290	ng/ul	97
83) Butylbenzylphthalate	20.716	149	1980312	48.579	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	844470	25.926	ng/ul	96
85) Benzo(a)anthracene	21.569	228	3920079	39.475	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.492	149	2690526	46.679	ng/ul	99
87) Chrysene	21.627	228	3593022	38.339	ng/ul	98
89) Di-n-octyl phthalate	22.433	149	4622395	48.392	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	3838445	38.583	ng/ul	100
91) Benzo(k)fluoranthene	23.345	252	3626790	38.307	ng/ul	100
93) Benzo(a)pyrene	23.939	252	3261360	38.145	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.615	276	3496349	32.280	ng/ul	98
95) Dibenzo(a,h)anthracene	26.633	278	3068696	34.748	ng/ul	98
96) Benzo(g,h,i)perylene	27.404	276	2691950	31.412	ng/ul	97

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

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