Quantitation Report (Qedit)

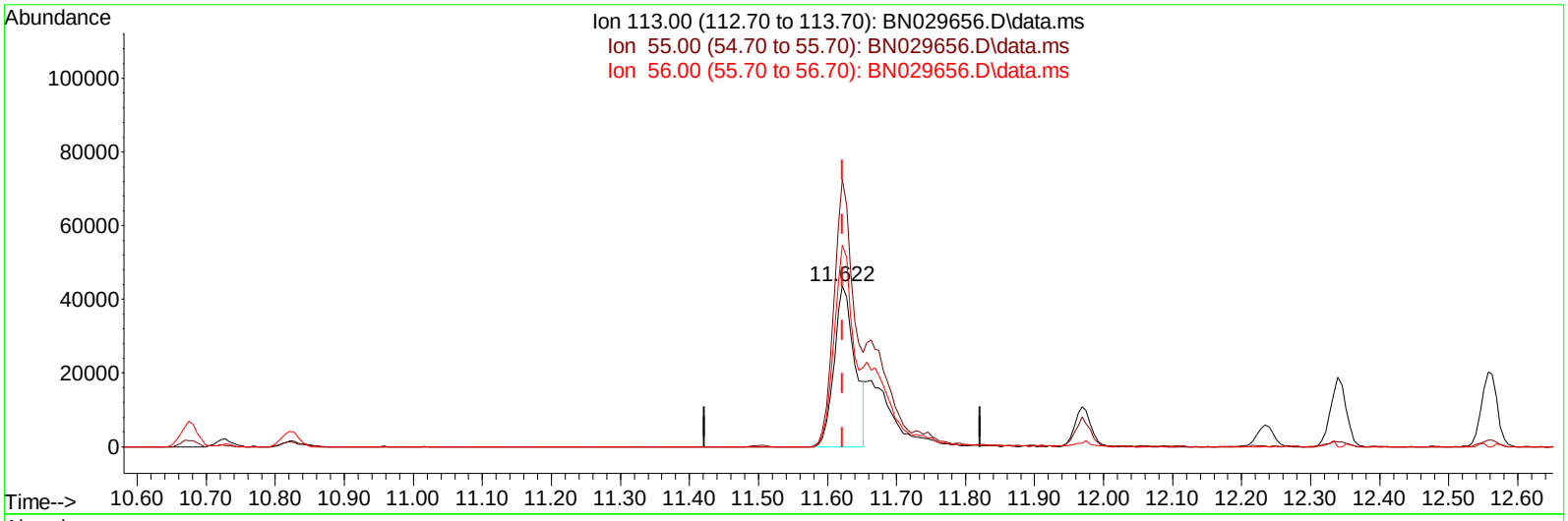
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029656.D
Acq On : 10 Feb 2024 20:01
Operator : MA/JU
Sample : PB158925BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

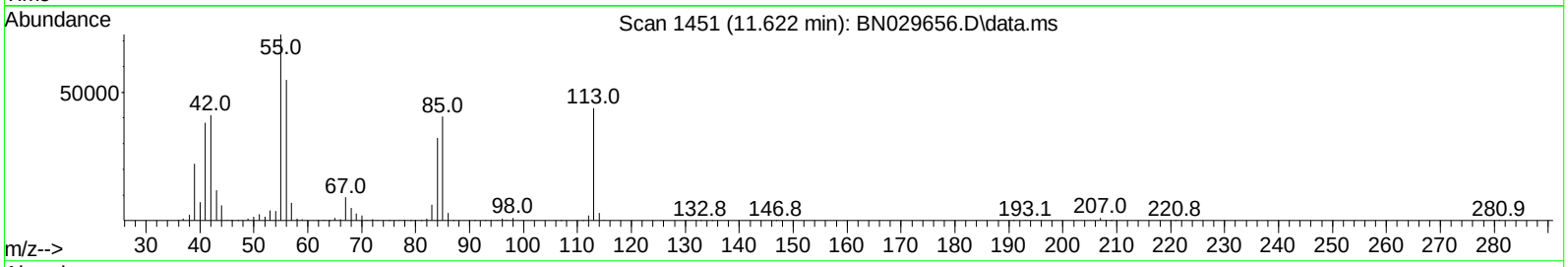
Quant Time: Feb 11 22:15:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 08 00:25:29 2024
Response via : Initial Calibration

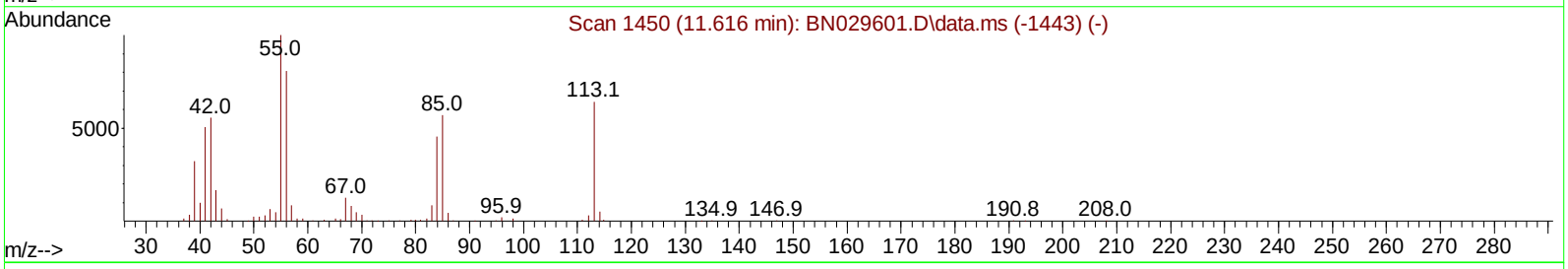
Instrument :
BNA_N
ClientSampleId :
SLCS925

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/12/2024
Supervised By :mohammad ahmed 02/13/2024







TIC: BN029656.D\data.ms

(34) Caprolactam

11.622min (-0.000) 20.57 ng/ul

response 90754

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	165.81
56.00	129.20	125.25
0.00	0.00	0.00

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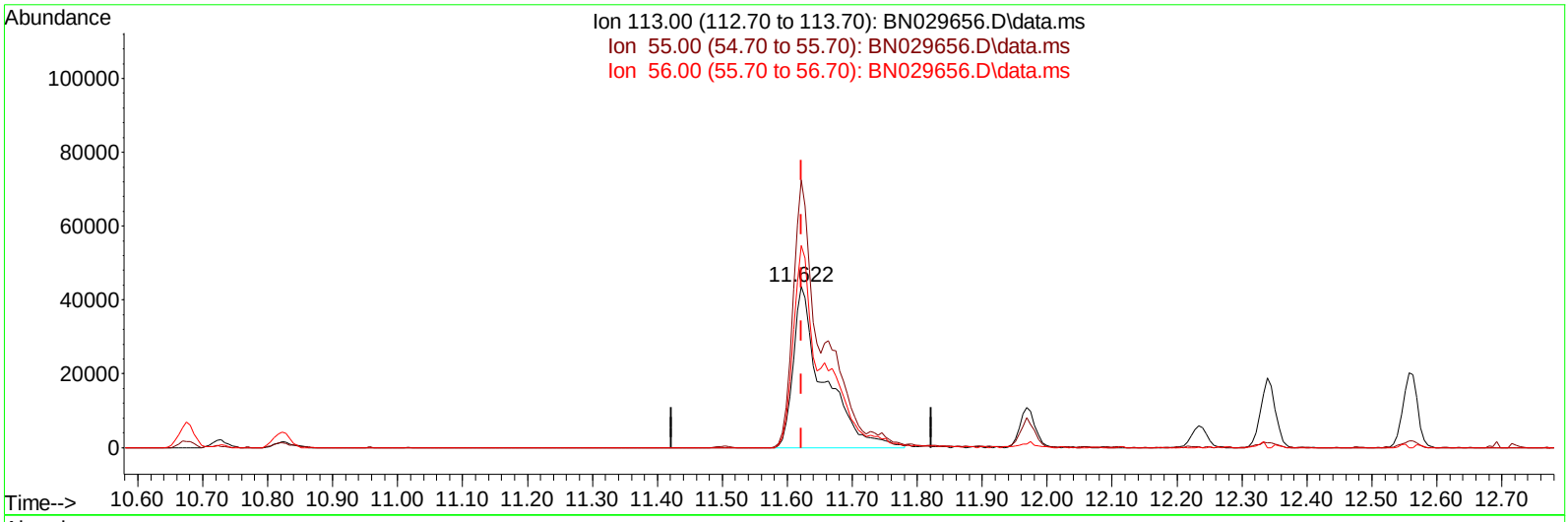

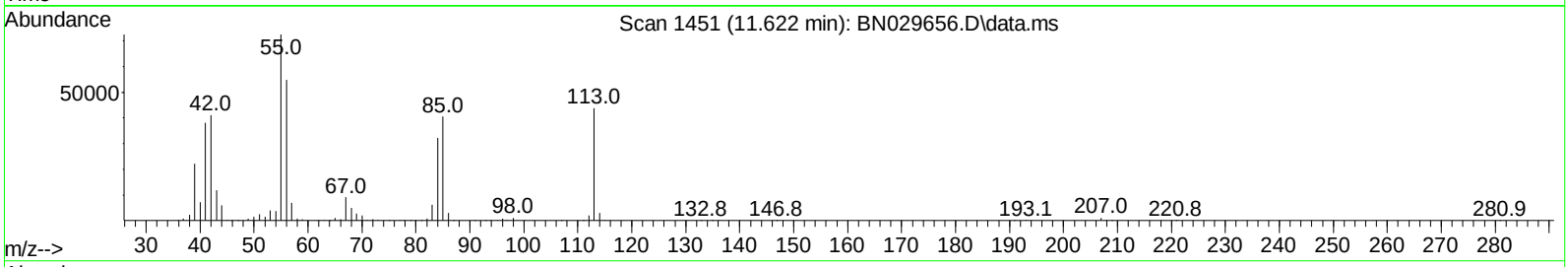

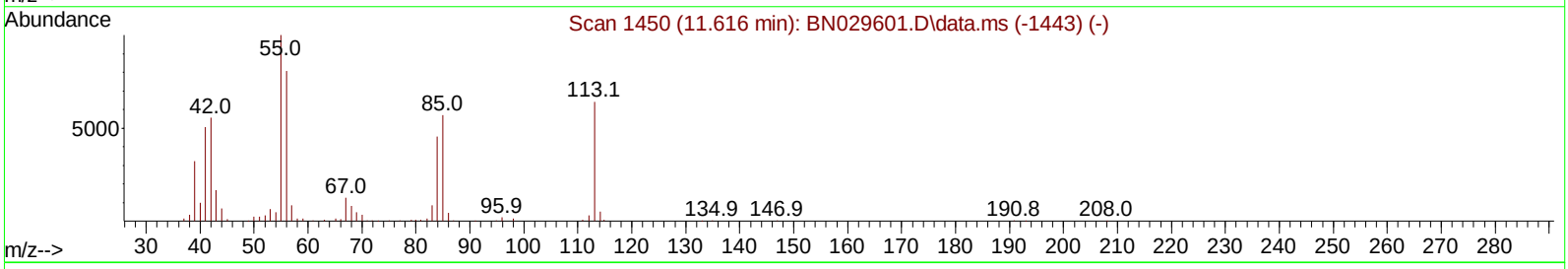

TIC: BN029656.D\data.ms

(34) Caprolactam

11.622min (-0.000) 31.91 ng/ul m

response 140800

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	165.81
56.00	129.20	125.25
0.00	0.00	0.00

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Misc :
ALS Vial : 49 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	238236	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.675	136	961789	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	465910	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	804408	20.000	ng/ul	-0.01
79) Chrysene-d12	21.468	240	607408	20.000	ng/ul	-0.01
88) Perylene-d12	23.845	264	685130	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	44685	6.169	ng/uL	0.00
4) Pyridine-d5	3.734	84	607931	31.473	ng/ul	0.00
7) Phenol-d5	7.046	99	738175	33.126	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	480818	32.331	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	563666	34.907	ng/ul	-0.01
15) 4-Methylphenol-d8	8.593	113	552096	33.221	ng/ul	0.00
21) Nitrobenzene-d5	9.045	128	267519	35.838	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	260176	40.020	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.298	165	468899	36.540	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	657235	30.021	ng/ul	-0.01
46) Dimethylphthalate-d6	13.945	166	1165770	33.608	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	1454549	35.310	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.728	143	205254	31.176	ng/ul	0.00
60) Fluorene-d10	15.516	176	971636	32.927	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	144807	36.945	ng/ul	0.00
73) Anthracene-d10	17.369	188	1302544	34.551	ng/ul	-0.01
81) Pyrene-d10	19.668	212	1332340	36.551	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.692	264	1296865	37.828	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	94230	12.561	ng/uL	97
5) Pyridine	3.752	79	629768	31.515	ng/ul	95
6) Benzaldehyde	7.022	77	393952	39.439	ng/ul	97
8) Phenol	7.075	94	777735	34.055	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.316	93	654054	34.058	ng/ul	98
12) 2-Chlorophenol	7.440	128	607380	35.851	ng/ul	97
13) 2-Methylphenol	8.322	108	562231	34.115	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.410	45	838832	33.445	ng/ul	99
16) Acetophenone	8.710	105	902261	34.113	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.698	70	484510	35.481	ng/ul	99
18) 4-Methylphenol	8.657	108	589048	33.825	ng/ul	96
19) Hexachloroethane	8.945	117	268142	34.106	ng/ul	98
22) Nitrobenzene	9.087	77	738820	34.931	ng/ul	99
23) Isophorone	9.610	82	1289647	35.006	ng/ul	99
25) 2-Nitrophenol	9.798	139	294510	39.670	ng/ul	98
26) 2,4-Dimethylphenol	9.857	107	566435	31.836	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.104	93	808736	34.542	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	476434	35.931	ng/ul	97
30) Naphthalene	10.728	128	1879016	34.180	ng/ul	99
32) 4-Chloroaniline	10.845	127	557188	25.782	ng/ul	100
33) Hexachlorobutadiene	11.004	225	284659	34.785	ng/ul	96
34) Caprolactam	11.622	113	140800m	31.911	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	539945	35.255	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.339	142	1146856	34.032	ng/ul	98
37) 1-Methylnaphthalene	12.557	142	1132616	33.900	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.704	216	506911	36.705	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	283620	31.419	ng/ul	98
41) 2,4,6-Trichlorophenol	12.951	196	295343	37.103	ng/ul	96
42) 2,4,5-Trichlorophenol	13.022	196	335208	37.478	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	1414695	36.004	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	1081293	35.408	ng/ul	98
45) 2-Nitroaniline	13.610	65	338992	37.758	ng/ul	95
47) Dimethylphthalate	13.992	163	1254716	35.337	ng/ul	98
48) 2,6-Dinitrotoluene	14.116	165	239502	37.695	ng/ul	98
50) Acenaphthylene	14.239	152	1759157	35.583	ng/ul	99
51) 3-Nitroaniline	14.439	138	251115	33.958	ng/ul	98
52) Acenaphthene	14.586	153	1144172	35.035	ng/ul	94
53) 2,4-Dinitrophenol	14.645	184	101006	31.325	ng/ul	98
55) 4-Nitrophenol	14.745	109	187687	31.177	ng/ul	94
56) Dibenzofuran	14.922	168	1469418	34.074	ng/ul	98
57) 2,4-Dinitrotoluene	14.898	165	335953	37.556	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.145	232	224474	35.362	ng/ul	96
59) Diethylphthalate	15.357	149	1266396	34.721	ng/ul	100
61) Fluorene	15.569	166	1148921	33.705	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	515970	33.842	ng/ul	99
63) 4-Nitroaniline	15.604	138	250366	37.512	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.657	198	164624	38.097	ng/ul	94
67) N-Nitrosodiphenylamine	15.786	169	960659	38.324	ng/ul	98
68) 4-Bromophenyl-phenylether	16.469	248	299104	39.285	ng/ul	88
69) Hexachlorobenzene	16.569	284	321762	37.493	ng/ul	95
70) Atrazine	16.745	200	160936	20.550	ng/ul	97
71) Pentachlorophenol	16.916	266	163114	32.729	ng/ul	95
72) Phenanthrene	17.316	178	1627677	34.980	ng/ul	99
74) Anthracene	17.404	178	1664480	35.643	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	499706	42.333	ng/uL	98
76) Pentachlorobenzene	14.833	250	429753	40.659	ng/uL	97
77) Carbazole	17.680	167	1463294	34.307	ng/ul	99
78) Di-n-butylphthalate	18.257	149	1883489	36.721	ng/ul	99
80) Fluoranthene	19.333	202	1690446	38.177	ng/ul	98
82) Pyrene	19.698	202	1761175	37.598	ng/ul	99
83) Butylbenzylphthalate	20.621	149	761737	39.901	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.398	252	438683	37.287	ng/ul	100
85) Benzo(a)anthracene	21.457	228	1620099	36.308	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	1112707	37.681	ng/ul	100
87) Chrysene	21.510	228	1539841	36.824	ng/ul	100
89) Di-n-octyl phthalate	22.333	149	1837953	34.608	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1631382	37.803	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1564467	35.419	ng/ul	98
93) Benzo(a)pyrene	23.745	252	1536844	37.135	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.303	276	1885187	37.408	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.327	278	1560674	37.934	ng/ul	99
96) Benzo(g,h,i)perylene	27.050	276	1536621	36.456	ng/ul	99

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

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