Quantitation Report (Qedit)

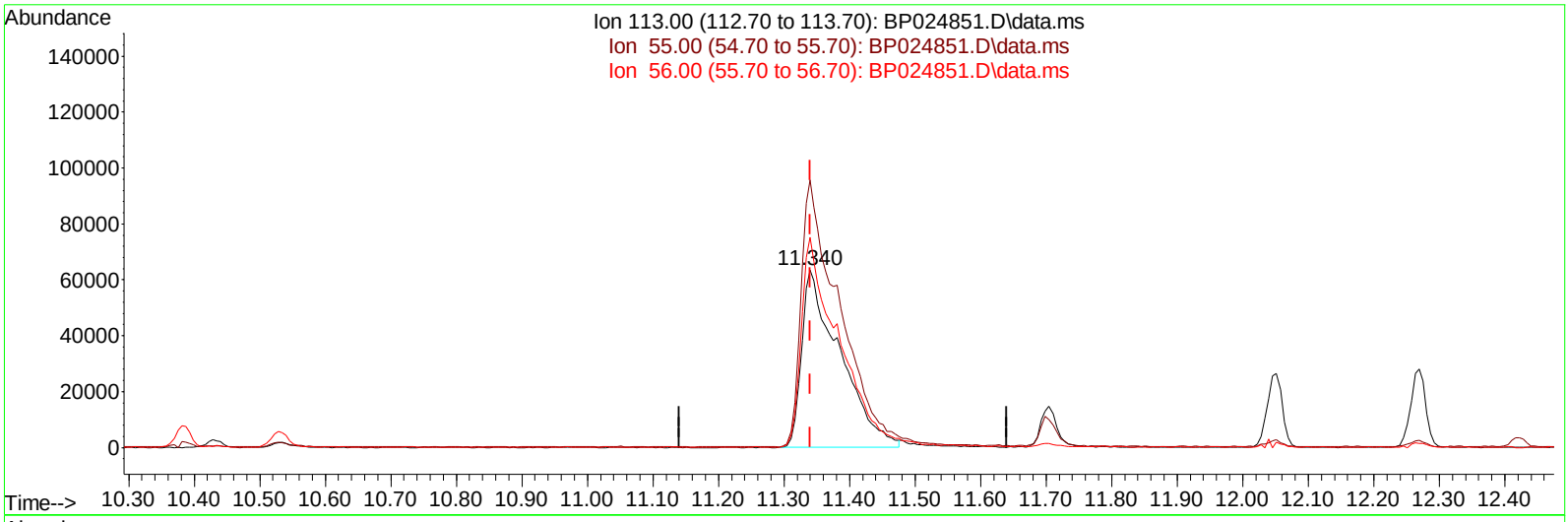
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060525\
Data File : BP024851.D
Acq On : 05 Jun 2025 12:30
Operator : RC/JU
Sample : SSTD04001
Misc :
ALS Vial : 5 Sample Multiplier: 1

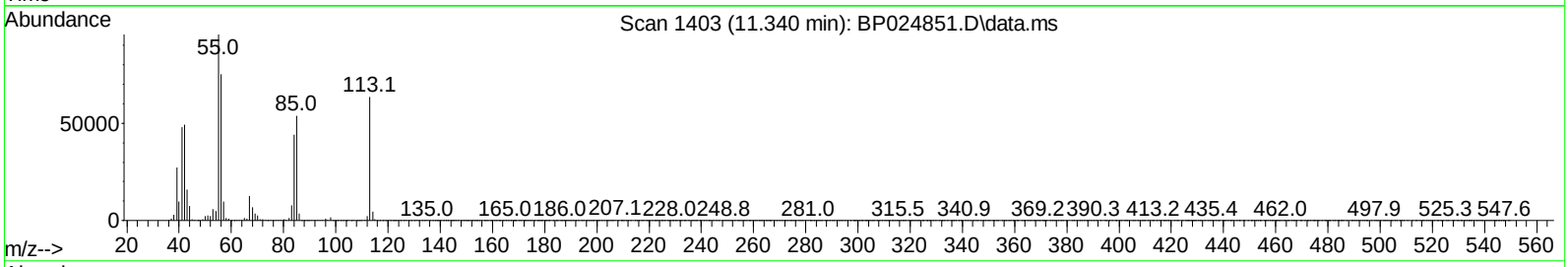
Quant Time: Jun 05 14:04:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060525.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 05 13:10:10 2025
Response via : Initial Calibration

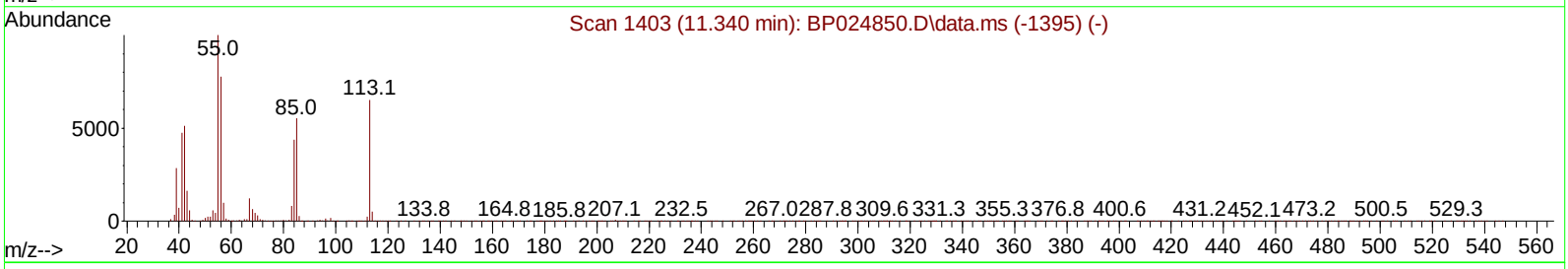
Instrument :
BNA_P
ClientSampleId :
SSTD040634

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025







TIC: BP024851.D\data.ms

(34) Caprolactam

11.340min (-0.000) 38.95 ng/ul

response 257586

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.10	150.48
56.00	119.30	118.51
0.00	0.00	0.00

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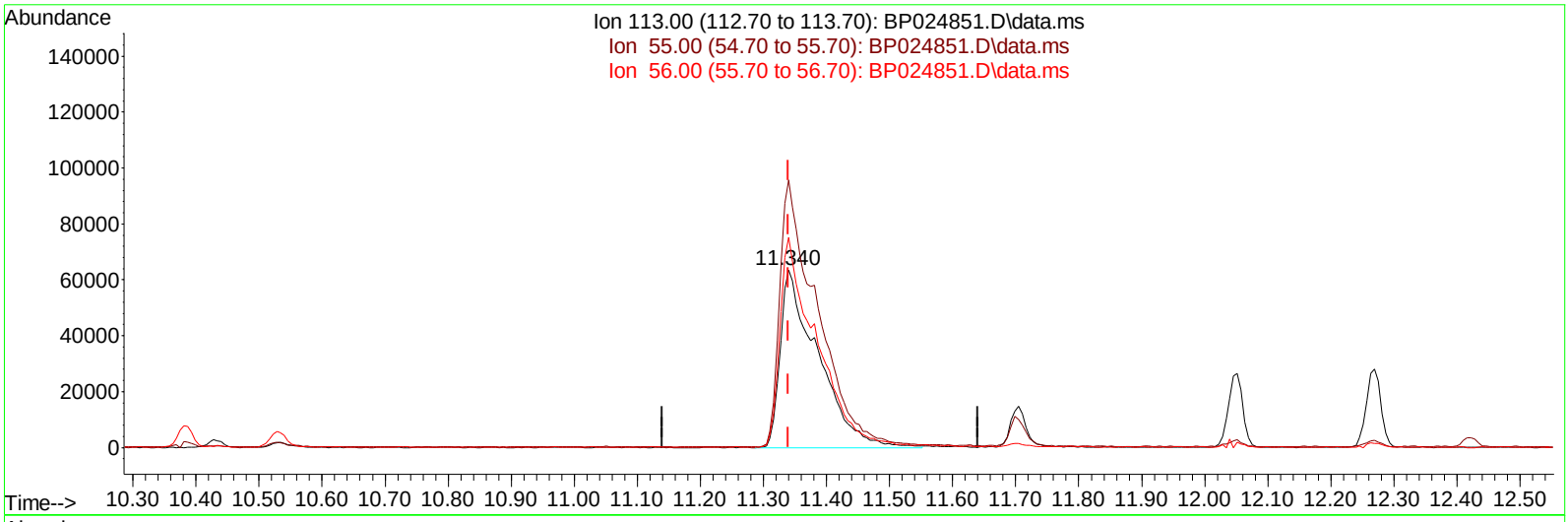

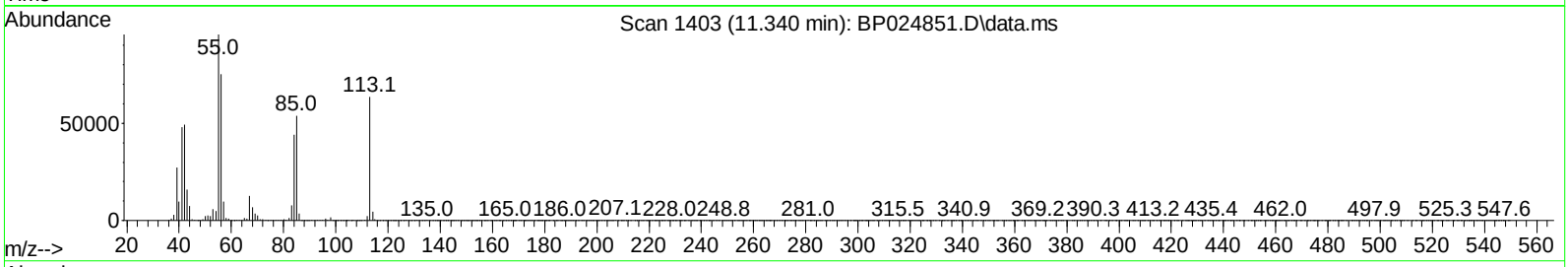

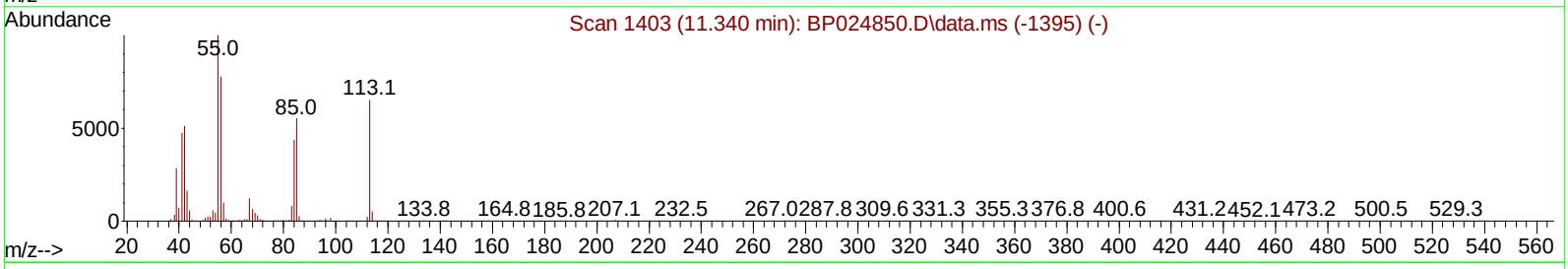

TIC: BP024851.D\data.ms

(34) Caprolactam

11.340min (-0.000) 39.79 ng/ul m

response 263175

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.10	150.48
56.00	119.30	118.51
0.00	0.00	0.00

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	283809	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	1172616	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	739799	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1451603	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1558789	20.000	ng/ul	0.00
88) Perylene-d12	24.733	264	1830541	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	120678	16.659	ng/uL	0.00
4) Pyridine-d5	3.546	84	739849	40.607	ng/ul	0.00
7) Phenol-d5	6.822	99	905493	40.167	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	546361	40.656	ng/ul	0.00
11) 2-Chlorophenol-d4	7.164	132	770627	41.690	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	755028	40.578	ng/ul	0.00
21) Nitrobenzene-d5	8.763	128	384343	43.272	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	438378	43.654	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	743555	43.662	ng/ul	0.00
31) 4-Chloroaniline-d4	10.528	131	1047697	41.225	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	2203291	40.064	ng/ul	0.00
49) Acenaphthylene-d8	13.940	160	2486081	40.724	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	356405	43.034	ng/ul	-0.01
60) Fluorene-d10	15.257	176	1772175	39.696	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	409110	43.059	ng/ul	0.00
73) Anthracene-d10	17.151	188	2769408	39.815	ng/ul	0.00
81) Pyrene-d10	19.533	212	3244052	40.256	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.510	264	3766198	40.342	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	127260	16.379	ng/uL	96
5) Pyridine	3.570	79	751713	40.269	ng/ul	99
6) Benzaldehyde	6.775	77	465614	46.476	ng/ul	99
8) Phenol	6.846	94	937134	40.180	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.052	93	749269	40.595	ng/ul	98
12) 2-Chlorophenol	7.199	128	778585	40.542	ng/ul	99
13) 2-Methylphenol	8.075	108	720861	40.057	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	959780	40.584	ng/ul	99
16) Acetophenone	8.434	105	1148106	40.016	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.416	70	598362	39.812	ng/ul	99
18) 4-Methylphenol	8.405	108	777637	39.858	ng/ul	97
19) Hexachloroethane	8.675	117	325292	39.961	ng/ul	98
22) Nitrobenzene	8.811	77	874074	42.213	ng/ul	99
23) Isophorone	9.334	82	1681364	40.740	ng/ul	99
25) 2-Nitrophenol	9.510	139	458438	42.210	ng/ul	100
26) 2,4-Dimethylphenol	9.581	107	837145	41.280	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.805	93	1000298	41.693	ng/ul	100
29) 2,4-Dichlorophenol	10.052	162	729367	42.358	ng/ul	98
30) Naphthalene	10.434	128	2432057	39.994	ng/ul	100
32) 4-Chloroaniline	10.557	127	972947	41.365	ng/ul	99
33) Hexachlorobutadiene	10.710	225	481523	40.864	ng/ul	100
34) Caprolactam	11.340	113	263175m	39.794	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	824082	42.453	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.052	142	1717467	40.888	ng/ul	98
37) 1-Methylnaphthalene	12.269	142	1676940	39.711	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.422	216	895621	41.507	ng/ul	99
40) Hexachlorocyclopentadiene	12.399	237	460611	44.294	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	591047	43.340	ng/ul	97
42) 2,4,5-Trichlorophenol	12.763	196	618104	44.031	ng/ul	99
43) 1,1'-Biphenyl	13.069	154	2191179	41.082	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	1684553	40.746	ng/ul	99
45) 2-Nitroaniline	13.328	65	536296	44.188	ng/ul	99
47) Dimethylphthalate	13.704	163	2208751	40.510	ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	474017	42.752	ng/ul	98
50) Acenaphthylene	13.969	152	2527180	39.983	ng/ul	99
51) 3-Nitroaniline	14.169	138	479888	44.468	ng/ul	97
52) Acenaphthene	14.310	153	1823429	39.511	ng/ul	99
53) 2,4-Dinitrophenol	14.387	184	282711	44.227	ng/ul	97
55) 4-Nitrophenol	14.522	109	291785	45.497	ng/ul	98
56) Dibenzofuran	14.657	168	2540289	40.579	ng/ul	99
57) 2,4-Dinitrotoluene	14.634	165	694486	43.324	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.898	232	541442	43.418	ng/ul	97
59) Diethylphthalate	15.087	149	2260075	40.383	ng/ul	99
61) Fluorene	15.316	166	2017869	39.884	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.304	204	1003692	40.243	ng/ul	97
63) 4-Nitroaniline	15.357	138	404045	45.884	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.410	198	433409	42.840	ng/ul	96
67) N-Nitrosodiphenylamine	15.528	169	1746321	40.140	ng/ul	100
68) 4-Bromophenyl-phenylether	16.222	248	662604	41.264	ng/ul	96
69) Hexachlorobenzene	16.340	284	800889	41.243	ng/ul	96
70) Atrazine	16.516	200	675611	41.509	ng/ul	98
71) Pentachlorophenol	16.704	266	431835	44.336	ng/ul	98
72) Phenanthrene	17.092	178	3145036	39.593	ng/ul	100
74) Anthracene	17.187	178	3235017	40.582	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	887425	41.111	ng/uL	100
76) Pentachlorobenzene	14.575	250	886995	40.635	ng/uL	99
77) Carbazole	17.475	167	3008340	41.201	ng/ul	99
78) Di-n-butylphthalate	18.063	149	4034796	42.948	ng/ul	100
80) Fluoranthene	19.186	202	3745114	40.099	ng/ul	100
82) Pyrene	19.569	202	3948066	39.410	ng/ul	97
83) Butylbenzylphthalate	20.510	149	1905528	42.309	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	1327263	43.196	ng/ul	99
85) Benzo(a)anthracene	21.463	228	4016933	40.582	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	2832266	42.442	ng/ul	99
87) Chrysene	21.527	228	3776784	40.153	ng/ul	100
89) Di-n-octyl phthalate	22.639	149	4941557	42.163	ng/ul	100
90) Benzo(b)fluoranthene	23.692	252	4269025	40.702	ng/ul	99
91) Benzo(k)fluoranthene	23.769	252	4221232	39.740	ng/ul	99
93) Benzo(a)pyrene	24.574	252	3945095	40.140	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.404	276	5332029	39.960	ng/ul	99
95) Dibenzo(a,h)anthracene	28.486	278	4335263	41.271	ng/ul	99
96) Benzo(g,h,i)perylene	29.545	276	4135831	40.000	ng/ul	99

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

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