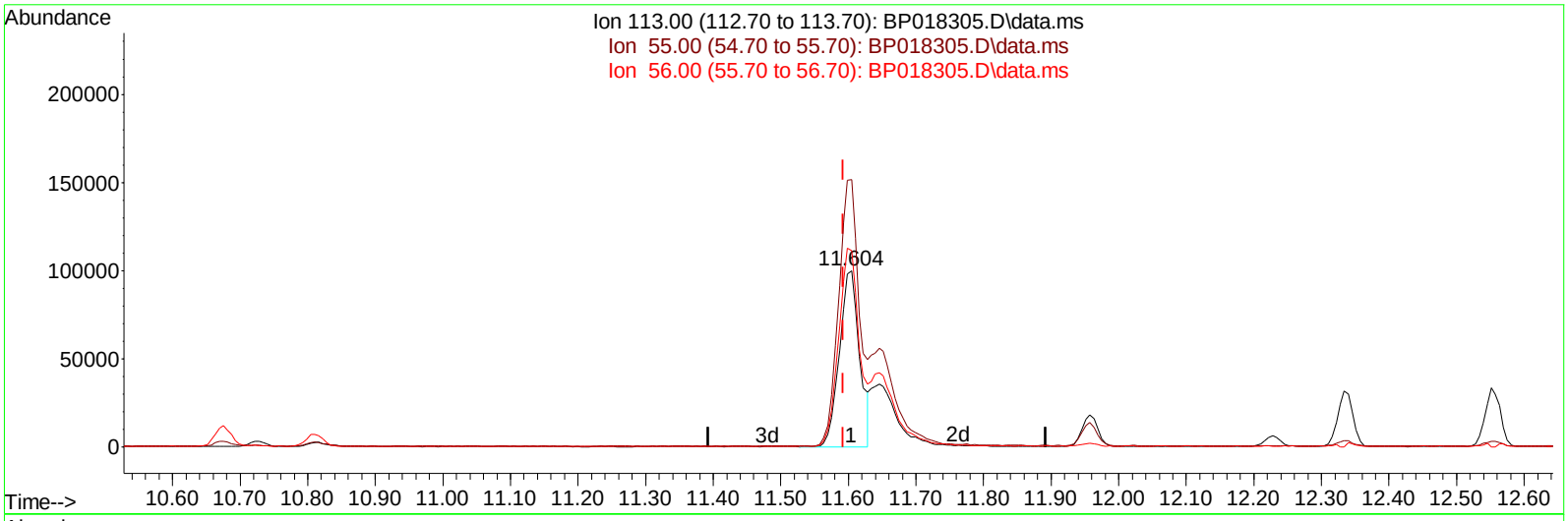
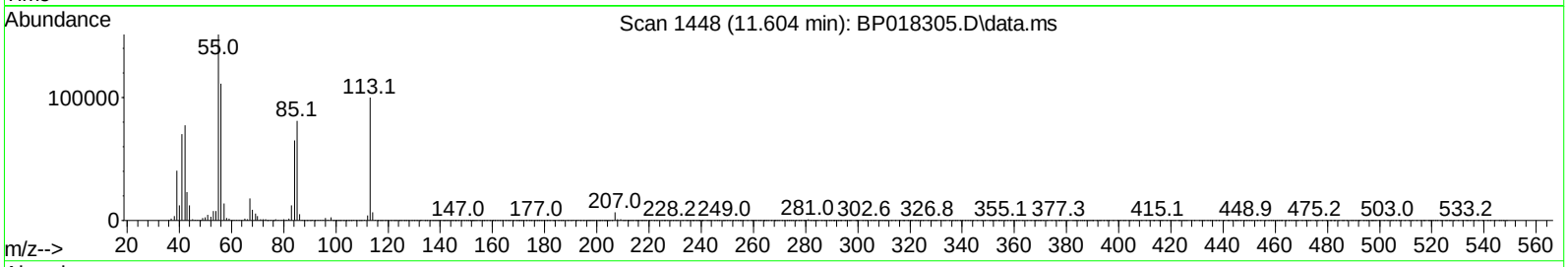
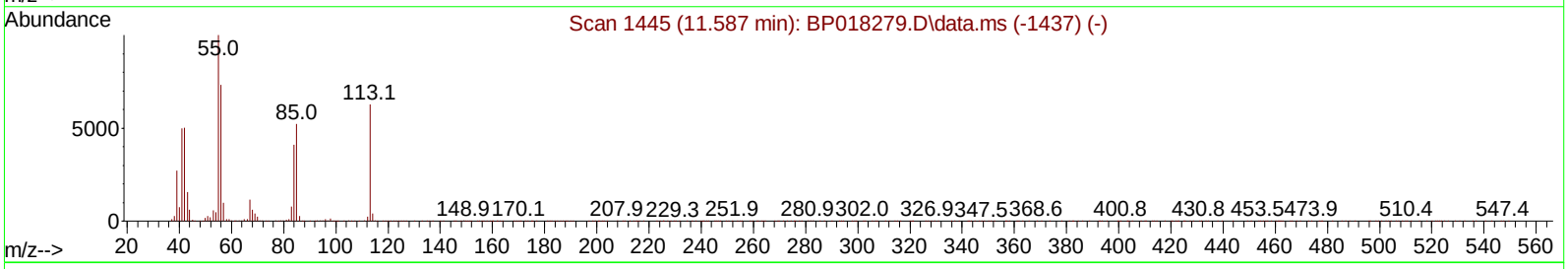
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
Data File : BP018305.D
Acq On : 23 Nov 2023 08:46
Operator : MA/JU
Sample : PB157005BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 23 23:49:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 22 14:09:55 2023
Response via : Initial Calibration







TIC: BP018305.D\data.ms

(34) Caprolactam

11.604min (+ 0.012) 20.81 ng/ul

response 206158

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.20	151.65
56.00	118.50	111.48
0.00	0.00	0.00

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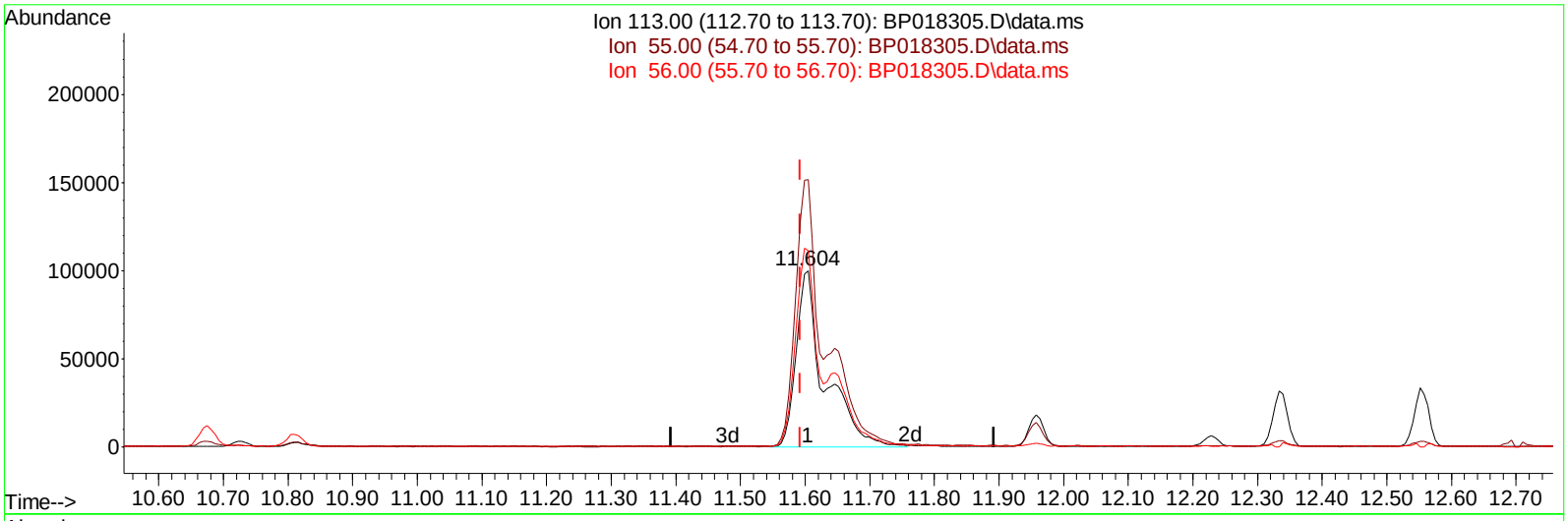

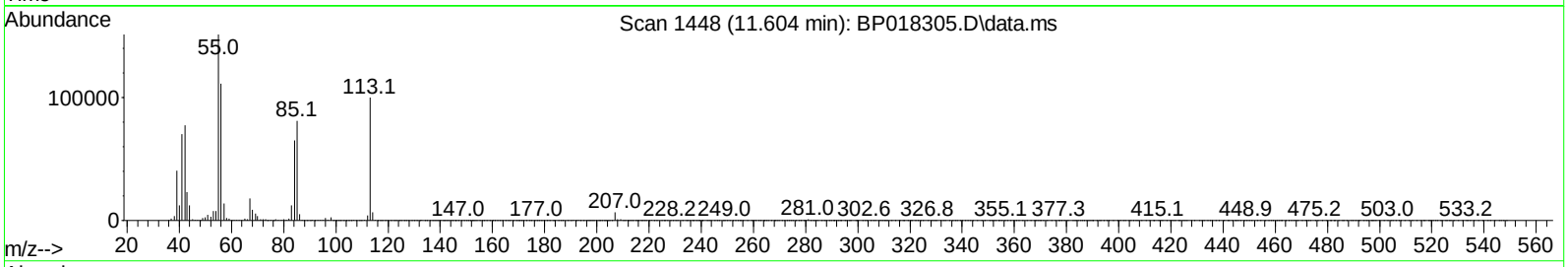

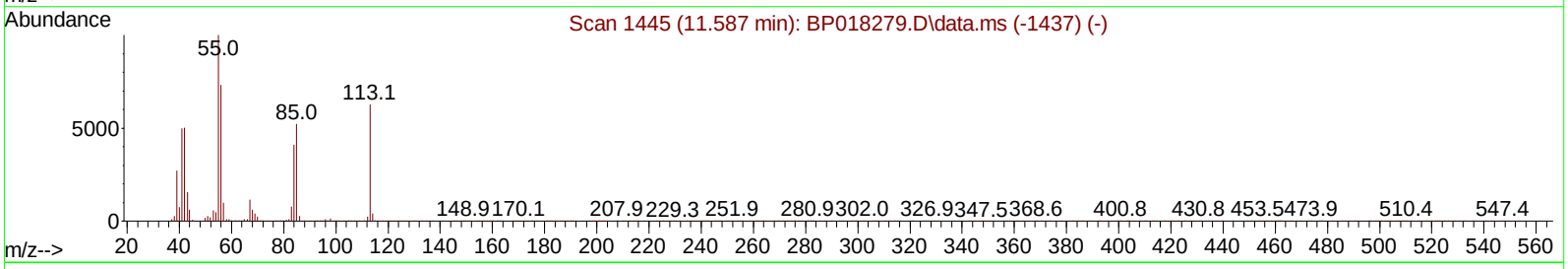

TIC: BP018305.D\data.ms

(34) Caprolactam

11.604min (+ 0.012) 30.47 ng/ul m

response 301799

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.20	151.65
56.00	118.50	111.48
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	7.875	152	460858	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1982992	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	1230164	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	2426259	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1442916	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	1494643	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	59542	4.839	ng/uL	0.00
4) Pyridine-d5	3.687	84	821306	24.289	ng/ul	0.00
7) Phenol-d5	7.034	99	1119372	26.577	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	659799	26.197	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	901677	25.498	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	902783	26.560	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	437181	27.143	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	421629	28.345	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	941539	26.236	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	1273822	26.318	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	2843530	25.978	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	3217812	25.800	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	407595	26.973	ng/ul	0.00
60) Fluorene-d10	15.498	176	2352112	25.691	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	294272	28.491	ng/ul	0.00
73) Anthracene-d10	17.357	188	3267744	25.198	ng/ul	0.00
81) Pyrene-d10	19.592	212	3243293	28.242	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	2295643	26.492	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	123187	9.336	ng/uL	95
5) Pyridine	3.705	79	852306	25.016	ng/ul	99
6) Benzaldehyde	7.011	77	635483	28.512	ng/ul	99
8) Phenol	7.063	94	1138163	27.549	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.305	93	947835	27.542	ng/ul	99
12) 2-Chlorophenol	7.434	128	928167	26.162	ng/ul	98
13) 2-Methylphenol	8.316	108	886428	27.546	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.410	45	1299982	26.575	ng/ul	99
16) Acetophenone	8.699	105	1451661	27.911	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.693	70	710019	24.438	ng/ul	98
18) 4-Methylphenol	8.646	108	961119	27.969	ng/ul	98
19) Hexachloroethane	8.957	117	380943	25.712	ng/ul	99
22) Nitrobenzene	9.075	77	1014365	26.882	ng/ul	98
23) Isophorone	9.605	82	2112870	25.123	ng/ul	100
25) 2-Nitrophenol	9.787	139	486481	29.067	ng/ul	96
26) 2,4-Dimethylphenol	9.852	107	772837	20.567	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.099	93	1333235	26.249	ng/ul	100
29) 2,4-Dichlorophenol	10.322	162	934695	27.190	ng/ul	99
30) Naphthalene	10.728	128	3112586	25.952	ng/ul	100
32) 4-Chloroaniline	10.834	127	1164063	25.486	ng/ul	100
33) Hexachlorobutadiene	11.016	225	630272	26.882	ng/ul	99
34) Caprolactam	11.604	113	301799m	30.466	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	963661	26.219	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	2187391	25.770	ng/ul	98
37) 1-Methylnaphthalene	12.551	142	2171168	25.412	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.698	216	1209205	27.832	ng/ul	99
40) Hexachlorocyclopentadiene	12.687	237	561608	22.823	ng/ul	99
41) 2,4,6-Trichlorophenol	12.940	196	739750	28.352	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	803385	28.474	ng/ul	99
43) 1,1'-Biphenyl	13.345	154	2910043	27.150	ng/ul	99
44) 2-Chloronaphthalene	13.387	162	2283482	26.918	ng/ul	99
45) 2-Nitroaniline	13.587	65	531640	29.126	ng/ul	95
47) Dimethylphthalate	13.975	163	2880864	26.898	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	550197	30.471	ng/ul	91
50) Acenaphthylene	14.228	152	3710983	26.693	ng/ul	99
51) 3-Nitroaniline	14.410	138	516909	28.812	ng/ul	96
52) Acenaphthene	14.569	153	2415727	26.599	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	180303	28.621	ng/ul	96
55) 4-Nitrophenol	14.710	109	312760	27.937	ng/ul	99
56) Dibenzofuran	14.904	168	3307278	26.637	ng/ul	100
57) 2,4-Dinitrotoluene	14.869	165	742790	30.441	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.128	232	619835	27.974	ng/ul	99
59) Diethylphthalate	15.339	149	2811763	26.135	ng/ul	100
61) Fluorene	15.557	166	2634091	26.015	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.557	204	1374271	26.728	ng/ul	99
63) 4-Nitroaniline	15.575	138	491555	29.032	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.628	198	343881	30.020	ng/ul	99
67) N-Nitrosodiphenylamine	15.769	169	2265879	27.540	ng/ul	100
68) 4-Bromophenyl-phenylether	16.451	248	849279	27.724	ng/ul	98
69) Hexachlorobenzene	16.557	284	958573	27.991	ng/ul	95
70) Atrazine	16.722	200	689105	27.435	ng/ul	99
71) Pentachlorophenol	16.898	266	485751	27.605	ng/ul	98
72) Phenanthrene	17.298	178	3973695	26.926	ng/ul	99
74) Anthracene	17.392	178	3889187	26.108	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	1218897	29.227	ng/uL	99
76) Pentachlorobenzene	14.822	250	1171483	28.918	ng/uL	100
77) Carbazole	17.657	167	3362470	27.861	ng/ul	99
78) Di-n-butylphthalate	18.228	149	4349249	25.909	ng/ul	100
80) Fluoranthene	19.269	202	4049026	29.514	ng/ul	99
82) Pyrene	19.622	202	4011152	29.035	ng/ul	100
83) Butylbenzylphthalate	20.516	149	1339306	26.197	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	896873	25.699	ng/ul	99
85) Benzo(a)anthracene	21.339	228	3165967	26.923	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	1885914	24.587	ng/ul	99
87) Chrysene	21.392	228	2921462	27.301	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	2650560	24.088	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	2832484	26.091	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	2906191	26.891	ng/ul	99
93) Benzo(a)pyrene	23.674	252	2745173	27.496	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.333	276	3556232	30.805	ng/ul	99
95) Dibenzo(a,h)anthracene	26.362	278	2936301	31.069	ng/ul	99
96) Benzo(g,h,i)perylene	27.109	276	2959994	31.660	ng/ul	99

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

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