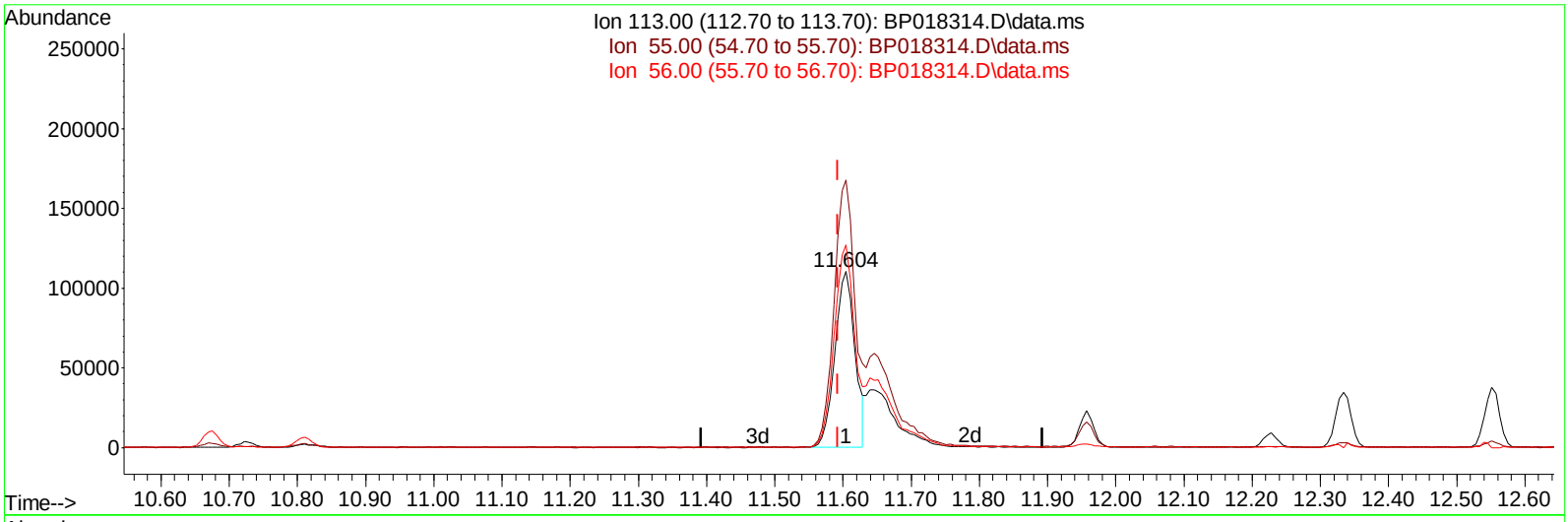
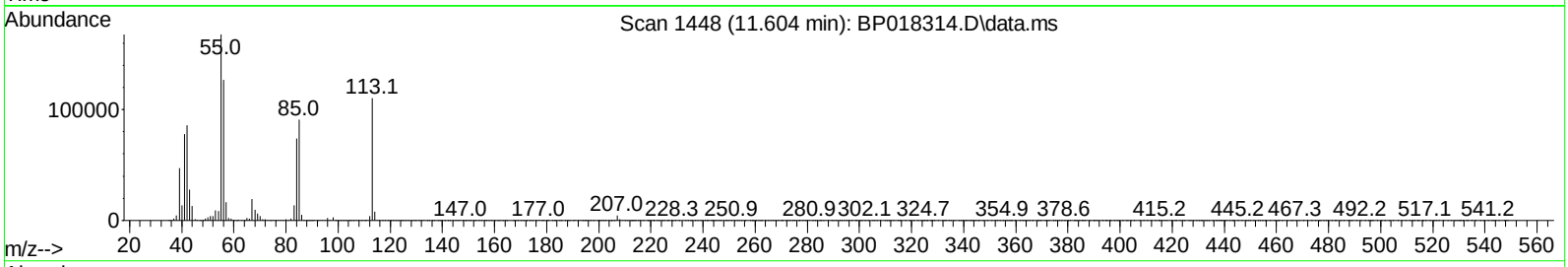
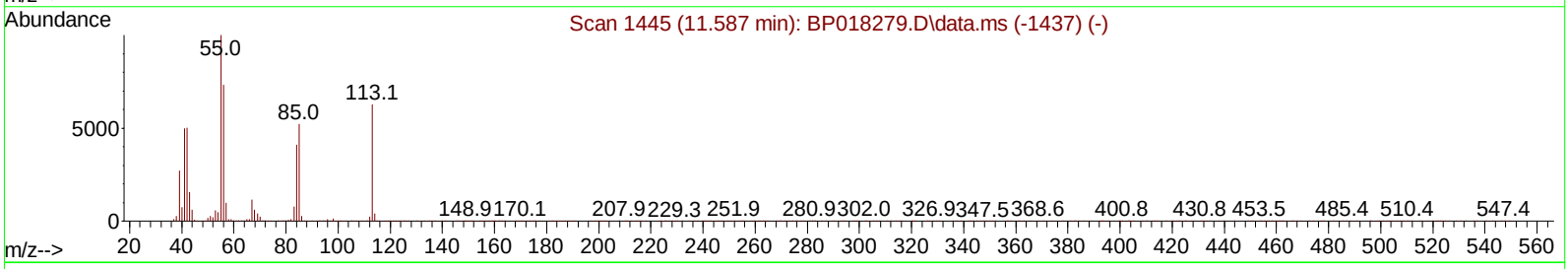
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
Data File : BP018314.D
Acq On : 23 Nov 2023 13:51
Operator : MA/JU
Sample : PB157189BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Nov 23 23:51:40 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: BP018314.D\data.ms

(34) Caprolactam

11.604min (+ 0.012) 26.55 ng/ul

response 224422

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.20	151.80
56.00	118.50	114.94
0.00	0.00	0.00

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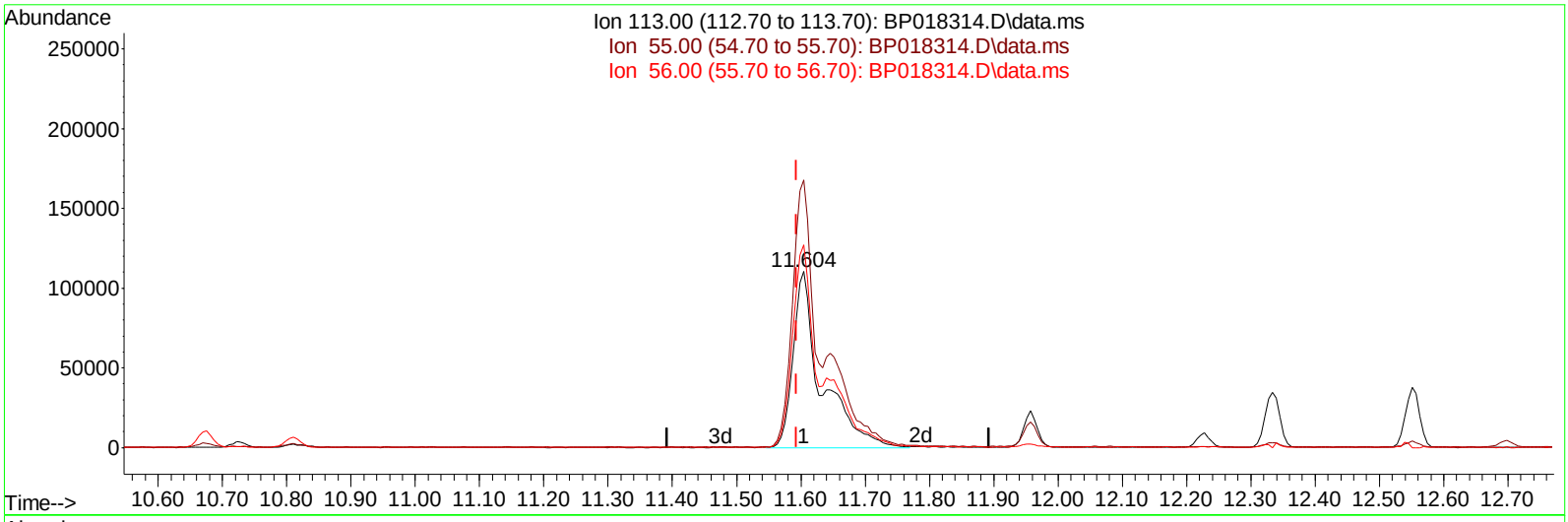

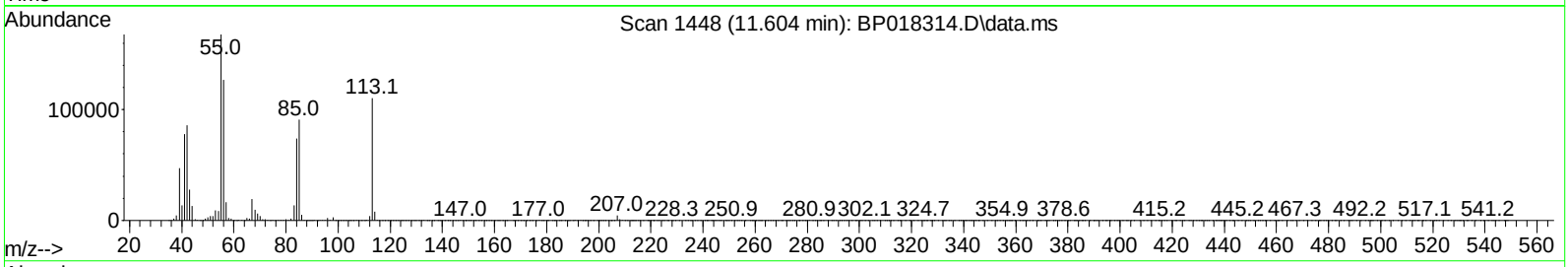

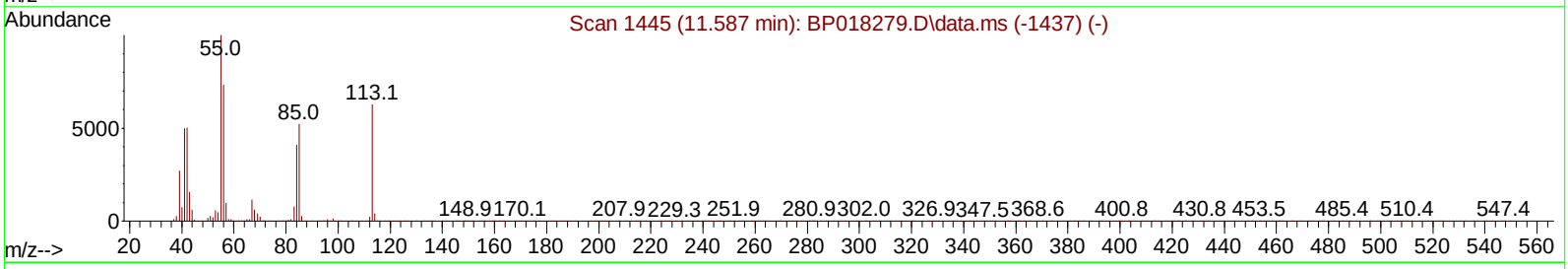

TIC: BP018314.D\data.ms

(34) Caprolactam

11.604min (+ 0.012) 40.10 ng/ul m

response 338871

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.20	151.80
56.00	118.50	114.94
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
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Acq On : 23 Nov 2023 13:51
Operator : MA/JU
Sample : PB157189BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Nov 24 00:07:05 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	394858	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1691810	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	1044694	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	2065803	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1240760	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	1280380	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	63123	5.988	ng/uL	0.00
4) Pyridine-d5	3.687	84	794924	27.438	ng/ul	0.00
7) Phenol-d5	7.034	99	1199399	33.237	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	710060	32.906	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	970374	32.027	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	972149	33.382	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	466453	33.945	ng/ul	0.00
24) 2-Nitrophenol-d4	9.758	143	439580	34.638	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	995074	32.500	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	1166929	28.259	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	3014646	32.430	ng/ul	-0.01
49) Acenaphthylene-d8	14.198	160	3407963	32.175	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	441276	34.387	ng/ul	0.00
60) Fluorene-d10	15.498	176	2501921	32.178	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	321409	36.549	ng/ul	0.00
73) Anthracene-d10	17.357	188	3525470	31.929	ng/ul	0.00
81) Pyrene-d10	19.592	212	3526506	35.712	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	2479307	33.400	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	138075	12.214	ng/uL	96
5) Pyridine	3.705	79	930404	31.873	ng/ul	99
6) Benzaldehyde	7.011	77	658194	34.467	ng/ul	98
8) Phenol	7.064	94	1295539	36.599	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.305	93	1079578	36.614	ng/ul	100
12) 2-Chlorophenol	7.434	128	1053564	34.661	ng/ul	99
13) 2-Methylphenol	8.316	108	1002125	36.347	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.405	45	1470684	35.090	ng/ul	99
16) Acetophenone	8.699	105	1632455	36.633	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.693	70	791515	31.796	ng/ul	98
18) 4-Methylphenol	8.646	108	1090384	37.034	ng/ul	100
19) Hexachloroethane	8.958	117	431514	33.994	ng/ul	98
22) Nitrobenzene	9.075	77	1143162	35.510	ng/ul	96
23) Isophorone	9.605	82	2370276	33.034	ng/ul	99
25) 2-Nitrophenol	9.787	139	546050	38.242	ng/ul	98
26) 2,4-Dimethylphenol	9.852	107	907249	28.300	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.093	93	1495465	34.510	ng/ul	100
29) 2,4-Dichlorophenol	10.316	162	1050316	35.813	ng/ul	99
30) Naphthalene	10.722	128	3524830	34.448	ng/ul	100
32) 4-Chloroaniline	10.834	127	1277466	32.783	ng/ul	99
33) Hexachlorobutadiene	11.016	225	702608	35.126	ng/ul	99
34) Caprolactam	11.604	113	338871m	40.096	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	1082150	34.510	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	2464329	34.030	ng/ul	99
37) 1-Methylnaphthalene	12.551	142	2419486	33.192	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.699	216	1345502	36.467	ng/ul	99
40) Hexachlorocyclopentadiene	12.681	237	631566	30.223	ng/ul	99
41) 2,4,6-Trichlorophenol	12.940	196	803092	36.244	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	884535	36.916	ng/ul	99
43) 1,1'-Biphenyl	13.346	154	3259964	35.815	ng/ul	100
44) 2-Chloronaphthalene	13.381	162	2590834	35.963	ng/ul	99
45) 2-Nitroaniline	13.587	65	605843	39.083	ng/ul	95
47) Dimethylphthalate	13.975	163	3241379	35.638	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	616481	40.203	ng/ul	92
50) Acenaphthylene	14.228	152	4148351	35.136	ng/ul	99
51) 3-Nitroaniline	14.410	138	580774	38.119	ng/ul#	97
52) Acenaphthene	14.569	153	2707297	35.102	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	213265	39.864	ng/ul	99
55) 4-Nitrophenol	14.710	109	352899	37.119	ng/ul	99
56) Dibenzofuran	14.904	168	3722808	35.307	ng/ul	100
57) 2,4-Dinitrotoluene	14.869	165	841701	40.618	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.128	232	656467	34.887	ng/ul	99
59) Diethylphthalate	15.340	149	3185025	34.860	ng/ul	99
61) Fluorene	15.557	166	2969739	34.537	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.551	204	1539800	35.265	ng/ul	100
63) 4-Nitroaniline	15.575	138	557946	38.803	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.628	198	393782	40.375	ng/ul	100
67) N-Nitrosodiphenylamine	15.763	169	2534533	36.180	ng/ul	99
68) 4-Bromophenyl-phenylether	16.451	248	926078	35.506	ng/ul	98
69) Hexachlorobenzene	16.551	284	1084408	37.190	ng/ul	98
70) Atrazine	16.722	200	429031	20.061	ng/ul	99
71) Pentachlorophenol	16.898	266	501559	33.477	ng/ul	99
72) Phenanthrene	17.298	178	4502017	35.829	ng/ul	99
74) Anthracene	17.392	178	4437764	34.989	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	1361060	38.330	ng/uL	99
76) Pentachlorobenzene	14.822	250	1317042	38.183	ng/uL	99
77) Carbazole	17.657	167	3819090	37.167	ng/ul	99
78) Di-n-butylphthalate	18.228	149	4947499	34.615	ng/ul	100
80) Fluoranthene	19.269	202	4622309	39.182	ng/ul	99
82) Pyrene	19.622	202	4598431	38.710	ng/ul	99
83) Butylbenzylphthalate	20.516	149	1533479	34.883	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.280	252	980432	32.671	ng/ul	100
85) Benzo(a)anthracene	21.339	228	3633302	35.931	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	2185523	33.136	ng/ul	100
87) Chrysene	21.392	228	3339129	36.288	ng/ul	100
89) Di-n-octyl phthalate	22.239	149	3079774	32.672	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	3245551	34.898	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	3331232	35.982	ng/ul	99
93) Benzo(a)pyrene	23.674	252	3153521	36.872	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.333	276	4085951	41.316	ng/ul	99
95) Dibenzo(a,h)anthracene	26.368	278	3369900	41.624	ng/ul	99
96) Benzo(g,h,i)perylene	27.121	276	3370232	42.080	ng/ul	99

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

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