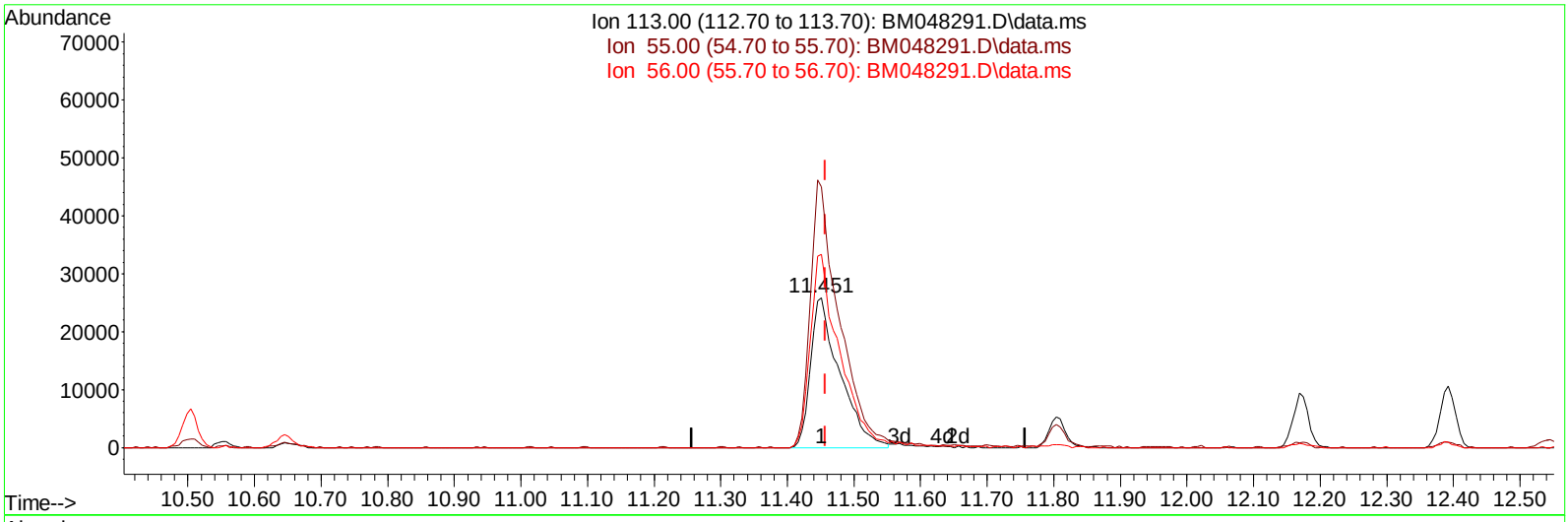
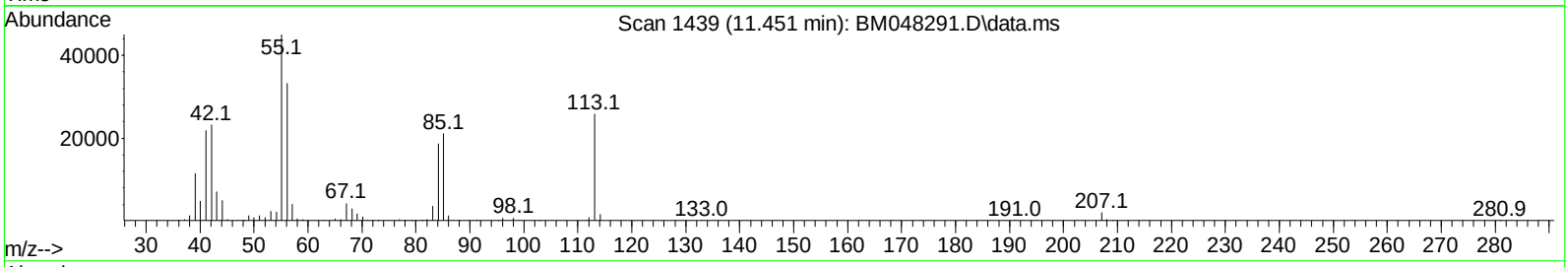
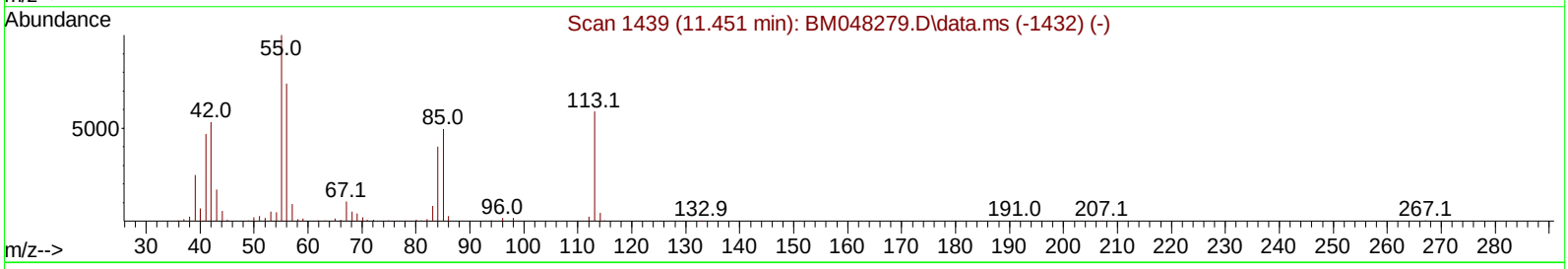
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048291.D
Acq On : 29 Oct 2024 17:25
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 29 18:20:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration







TIC: BM048291.D\data.ms

(34) Caprolactam

11.451min (-0.006) 15.79 ng/ul

response 79031

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	173.98
56.00	132.30	128.77
0.00	0.00	0.00

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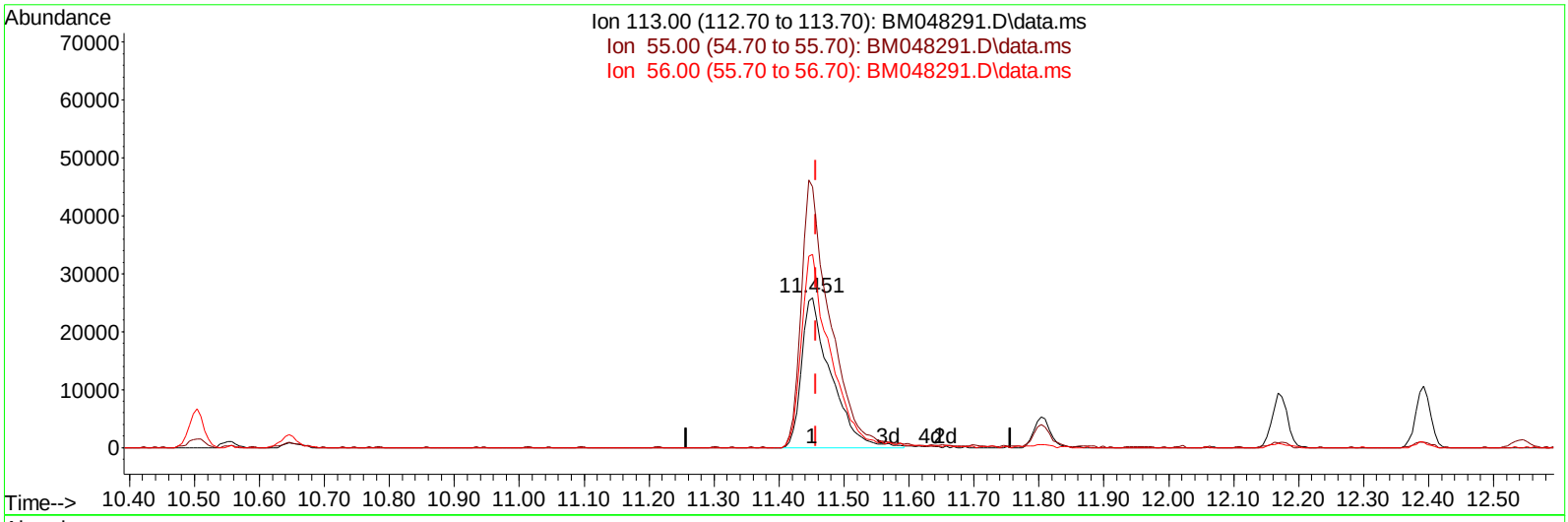

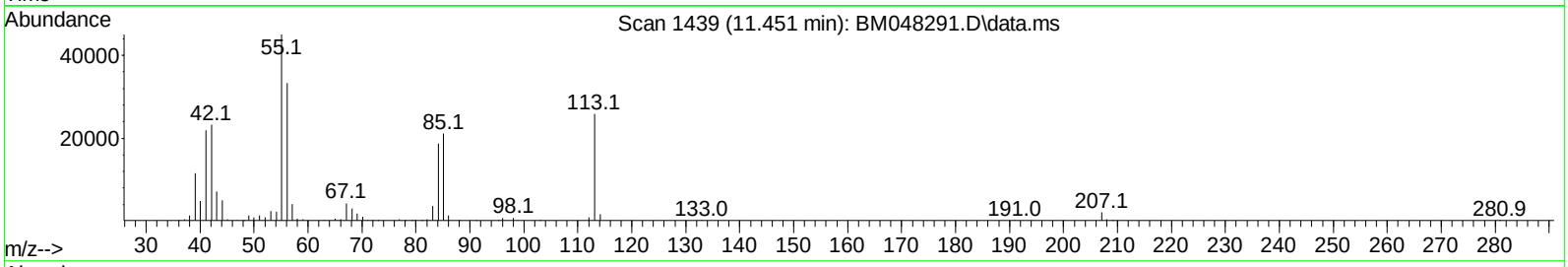

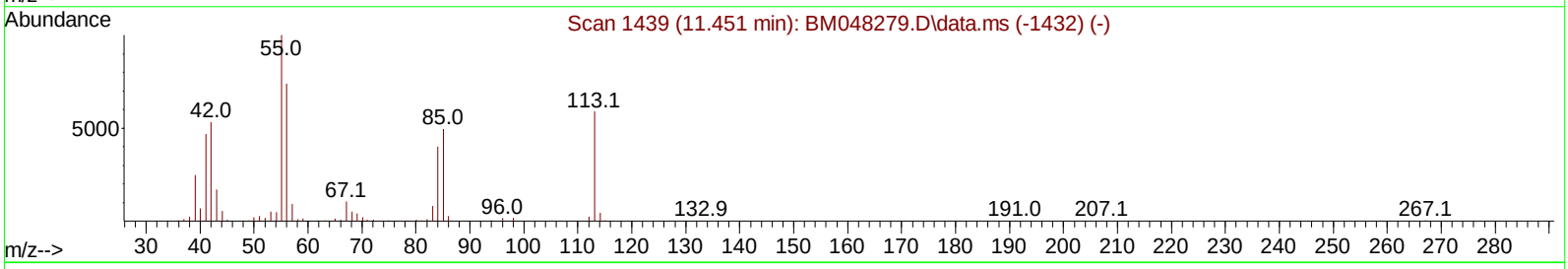

TIC: BM048291.D\data.ms

(34) Caprolactam

11.451min (-0.006) 16.02 ng/ul m

response 80196

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	173.98
56.00	132.30	128.77
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 29 Oct 2024 17:25
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Sample : SSTDCCC020
Misc :
ALS Vial : 14 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	228195	20.000	ng/ul	0.00
20) Naphthalene-d8	10.504	136	946368	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	568889	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1045206	20.000	ng/ul	-0.01
79) Chrysene-d12	21.321	240	862033	20.000	ng/ul	-0.01
88) Perylene-d12	24.268	264	923377	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	45493	7.849	ng/uL	0.00
4) Pyridine-d5	3.587	84	316536	18.841	ng/ul	0.00
7) Phenol-d5	6.893	99	372437	18.998	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	236705	19.491	ng/ul	0.00
11) 2-Chlorophenol-d4	7.251	132	320733	20.118	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	298981	18.995	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	153440	19.776	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.592	143	165600	19.702	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	303627	19.795	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	390226	18.322	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	803077	18.890	ng/ul	-0.01
49) Acenaphthylene-d8	14.051	160	948082	19.778	ng/ul	0.00
54) 4-Nitrophenol-d4	14.574	143	129229	16.622	ng/ul	0.00
60) Fluorene-d10	15.351	176	688896	19.177	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	122760	17.772	ng/ul	0.00
73) Anthracene-d10	17.198	188	992686	20.085	ng/ul	-0.01
81) Pyrene-d10	19.492	212	1044529	19.968	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	935467	19.207	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	49293	8.045	ng/uL	95
5) Pyridine	3.605	79	336743	19.557	ng/ul	99
6) Benzaldehyde	6.857	77	178068	18.353	ng/ul	99
8) Phenol	6.922	94	383049	18.761	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.140	93	319389	19.581	ng/ul	99
12) 2-Chlorophenol	7.281	128	324455	19.822	ng/ul	99
13) 2-Methylphenol	8.163	108	291003	18.946	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.240	45	495704	19.884	ng/ul	100
16) Acetophenone	8.540	105	487517	19.666	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.522	70	242550	19.077	ng/ul	98
18) 4-Methylphenol	8.492	108	318991	18.818	ng/ul	96
19) Hexachloroethane	8.787	117	140591	20.375	ng/ul	94
22) Nitrobenzene	8.916	77	357917	19.852	ng/ul	99
23) Isophorone	9.439	82	672567	19.250	ng/ul	98
25) 2-Nitrophenol	9.622	139	179355	19.467	ng/ul	99
26) 2,4-Dimethylphenol	9.692	107	319569	18.894	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.922	93	427309	19.719	ng/ul	99
29) 2,4-Dichlorophenol	10.157	162	298519	19.020	ng/ul	99
30) Naphthalene	10.557	128	1042726	19.727	ng/ul	99
32) 4-Chloroaniline	10.669	127	373737	18.111	ng/ul	98
33) Hexachlorobutadiene	10.839	225	205422	19.642	ng/ul	99
34) Caprolactam	11.451	113	80196m	16.021	ng/ul	
35) 4-Chloro-3-methylphenol	11.804	107	291275	18.445	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.169	142	673262	18.897	ng/ul	98
37) 1-Methylnaphthalene	12.392	142	698589	19.329	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.545	216	364806	20.255	ng/ul	100
40) Hexachlorocyclopentadiene	12.522	237	212390	19.700	ng/ul	99
41) 2,4,6-Trichlorophenol	12.792	196	228977	19.696	ng/ul	99
42) 2,4,5-Trichlorophenol	12.869	196	238622	19.433	ng/ul	98
43) 1,1'-Biphenyl	13.186	154	868572	19.907	ng/ul	99
44) 2-Chloronaphthalene	13.233	162	694883	20.552	ng/ul	98
45) 2-Nitroaniline	13.439	65	175872	18.795	ng/ul	97
47) Dimethylphthalate	13.822	163	816384	19.147	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	158526	19.122	ng/ul	97
50) Acenaphthylene	14.080	152	1097099	20.953	ng/ul	100
51) 3-Nitroaniline	14.269	138	152133	17.433	ng/ul	99
52) Acenaphthene	14.421	153	728109	19.597	ng/ul	100
53) 2,4-Dinitrophenol	14.486	184	76598	13.584	ng/ul	92
55) 4-Nitrophenol	14.592	109	93375	16.452	ng/ul	98
56) Dibenzofuran	14.757	168	987098	19.311	ng/ul	100
57) 2,4-Dinitrotoluene	14.733	165	220517	18.194	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.986	232	195590	18.579	ng/ul	95
59) Diethylphthalate	15.180	149	805237	18.772	ng/ul	100
61) Fluorene	15.410	166	793988	19.507	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	401118	19.630	ng/ul	99
63) 4-Nitroaniline	15.433	138	140219	17.745	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.492	198	132723	17.924	ng/ul#	92
67) N-Nitrosodiphenylamine	15.616	169	648109	20.768	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	235893	20.686	ng/ul	98
69) Hexachlorobenzene	16.410	284	274740	20.136	ng/ul	97
70) Atrazine	16.568	200	180044	16.851	ng/ul	98
71) Pentachlorophenol	16.757	266	159878	18.519	ng/ul	97
72) Phenanthrene	17.145	178	1157539	20.000	ng/ul	100
74) Anthracene	17.233	178	1194847	20.626	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	351001	21.220	ng/uL	98
76) Pentachlorobenzene	14.680	250	343775	20.422	ng/uL	98
77) Carbazole	17.510	167	1004062	19.740	ng/ul	99
78) Di-n-butylphthalate	18.068	149	1301592	19.473	ng/ul	100
80) Fluoranthene	19.156	202	1246311	20.476	ng/ul	98
82) Pyrene	19.521	202	1298321	19.894	ng/ul	99
83) Butylbenzylphthalate	20.421	149	529037	19.617	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.233	252	358121	19.040	ng/ul	99
85) Benzo(a)anthracene	21.303	228	1215856	19.558	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	781830	20.118	ng/ul	98
87) Chrysene	21.368	228	1150261	19.677	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	1288999	18.659	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1166520	19.796	ng/ul	99
91) Benzo(k)fluoranthene	23.397	252	1180731	20.013	ng/ul	100
93) Benzo(a)pyrene	24.127	252	1092705	20.384	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.579	276	1334798	20.675	ng/ul	99
95) Dibenzo(a,h)anthracene	27.627	278	1124565	21.299	ng/ul	100
96) Benzo(g,h,i)perylene	28.615	276	1077679	21.752	ng/ul	100

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

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