Quantitation Report (Qedit)

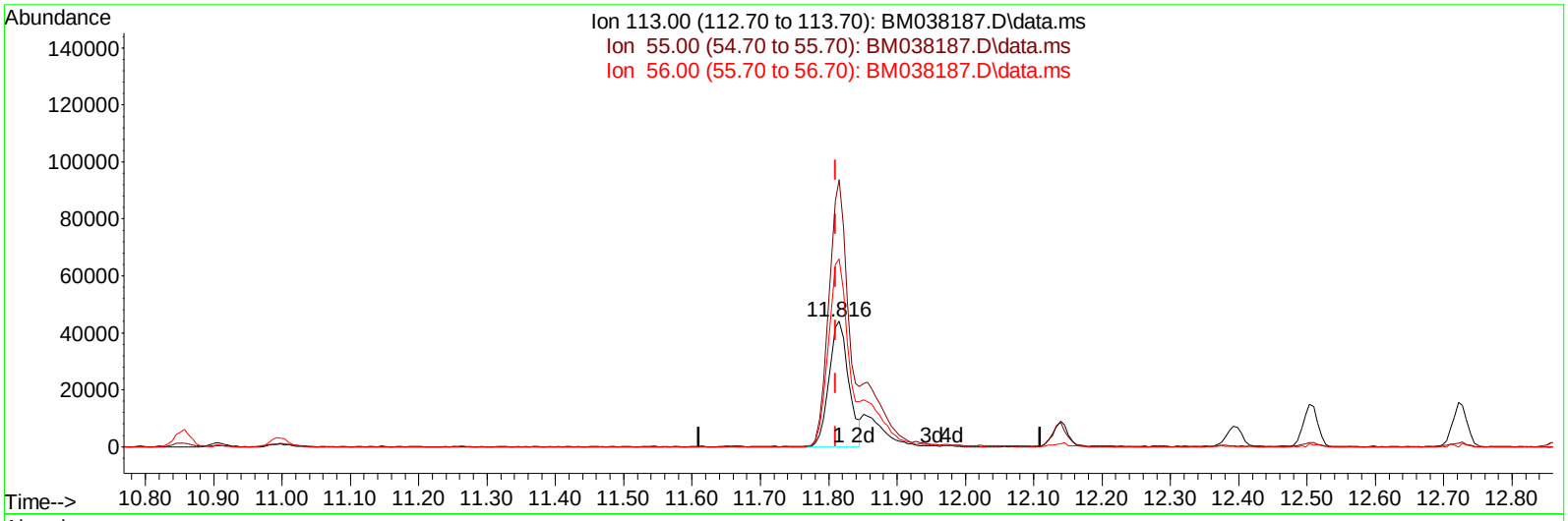
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038187.D
Acq On : 22 Dec 2022 00:53
Operator : CG/JU
Sample : PB149718BS
Misc :
ALS Vial : 56 Sample Multiplier: 1

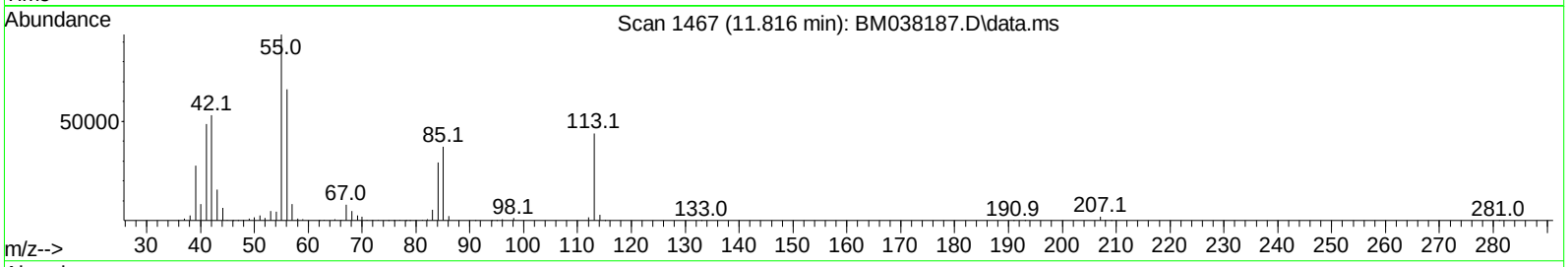
Quant Time: Dec 22 01:25:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 00:11:56 2022
Response via : Initial Calibration

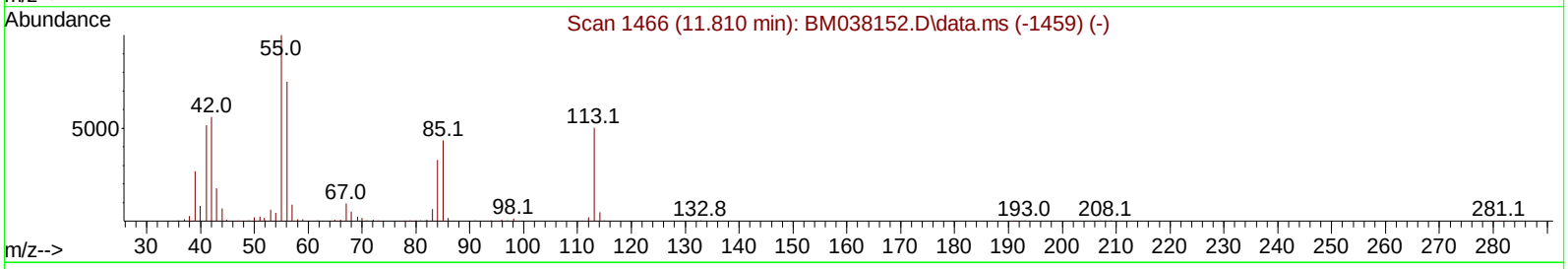
Instrument :
BNA_M
ClientSampleId :
SLCS718

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022







TIC: BM038187.D\data.ms

(34) Caprolactam

11.816min (+ 0.006) 29.76 ng/ul

response 88675

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	215.20	212.96
56.00	150.90	150.05
0.00	0.00	0.00

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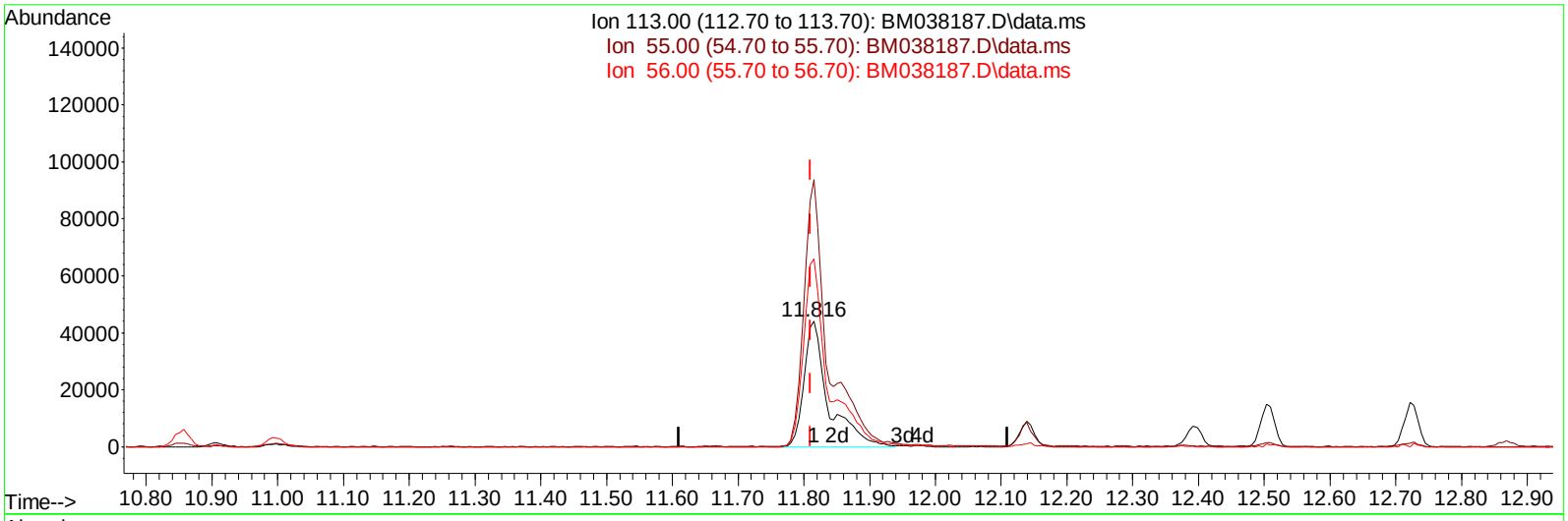

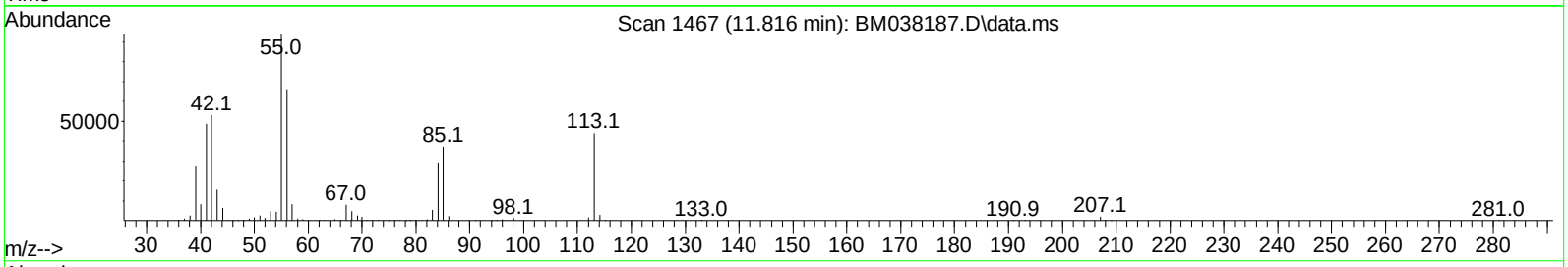

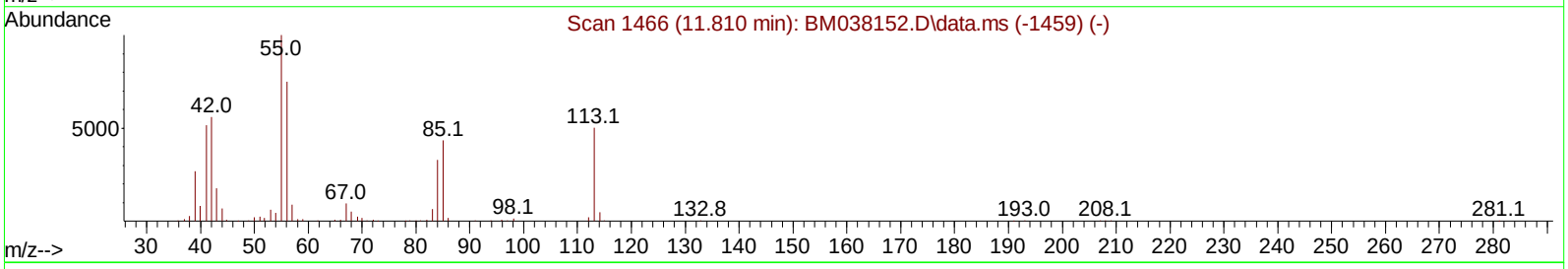

TIC: BM038187.D\data.ms

(34) Caprolactam

11.816min (+ 0.006) 38.09 ng/ul m

response 113491

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	215.20	212.96
56.00	150.90	150.05
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	8.039	152	172814	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	751190	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.668	164	469201	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.409	188	975996	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.574	240	716146	20.000	ng/ul	0.00
88) Perylene-d12	24.021	264	690731	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	19660	5.165	ng/uL	0.00
4) Pyridine-d5	3.828	84	304343	26.955	ng/ul	0.00
7) Phenol-d5	7.198	99	431069	30.696	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	243207	28.442	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	379201	32.917	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	356071	32.483	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	189542	31.869	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	218826	35.109	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	413875	34.960	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	455034	27.845	ng/ul	0.00
46) Dimethylphthalate-d6	14.074	166	1145108	34.233	ng/ul	0.00
49) Acenaphthylene-d8	14.363	160	1347937	32.970	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	202837	35.580	ng/ul	0.00
60) Fluorene-d10	15.657	176	1018922	34.189	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	149416	28.634	ng/ul	0.00
73) Anthracene-d10	17.503	188	1531187	33.615	ng/ul	0.00
81) Pyrene-d10	19.786	212	1587057	36.892	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.862	264	1173148	34.004	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	42623	10.675	ng/uL	92
5) Pyridine	3.846	79	308515	27.190	ng/ul	95
6) Benzaldehyde	7.175	77	167456	31.882	ng/ul	99
8) Phenol	7.228	94	445454	31.628	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.457	93	352352	30.466	ng/ul	100
12) 2-Chlorophenol	7.598	128	402344	34.150	ng/ul	98
13) 2-Methylphenol	8.486	108	360953	33.490	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.575	45	646514	30.958	ng/ul	99
16) Acetophenone	8.875	105	582527	33.789	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.857	70	278015	34.232	ng/ul	99
18) 4-Methylphenol	8.822	108	390689	33.508	ng/ul	100
19) Hexachloroethane	9.122	117	160556	34.088	ng/ul	98
22) Nitrobenzene	9.257	77	422204	32.991	ng/ul	98
23) Isophorone	9.780	82	798069	34.032	ng/ul	99
25) 2-Nitrophenol	9.969	139	235447	36.032	ng/ul	95
26) 2,4-Dimethylphenol	10.028	107	432652	34.238	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.263	93	497466	31.912	ng/ul	99
29) 2,4-Dichlorophenol	10.504	162	417630	35.955	ng/ul	99
30) Naphthalene	10.904	128	1334683	32.924	ng/ul	100
32) 4-Chloroaniline	11.022	127	410671	25.200	ng/ul	98
33) Hexachlorobutadiene	11.180	225	281055	36.782	ng/ul	99
34) Caprolactam	11.816	113	113491m	38.091	ng/ul	
35) 4-Chloro-3-methylphenol	12.139	107	403969	38.209	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.504	142	915952	34.836	ng/ul	98
37) 1-Methylnaphthalene	12.721	142	926851	34.474	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.868	216	520545	33.954	ng/ul	98
40) Hexachlorocyclopentadiene	12.845	237	107267	12.231	ng/ul	99
41) 2,4,6-Trichlorophenol	13.110	196	318029	34.057	ng/ul	99
42) 2,4,5-Trichlorophenol	13.186	196	344600	35.384	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	1230437	32.625	ng/ul	99
44) 2-Chloronaphthalene	13.551	162	967892	33.267	ng/ul	97
45) 2-Nitroaniline	13.757	65	263400	37.573	ng/ul	99
47) Dimethylphthalate	14.127	163	1188166	36.001	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	236663	36.917	ng/ul	97
50) Acenaphthylene	14.392	152	1506999	33.523	ng/ul	99
51) 3-Nitroaniline	14.580	138	247465	38.691	ng/ul	98
52) Acenaphthene	14.733	153	1064606	34.239	ng/ul	100
53) 2,4-Dinitrophenol	14.786	184	96533	30.687	ng/ul	94
55) 4-Nitrophenol	14.886	109	166133	44.189	ng/ul	87
56) Dibenzofuran	15.068	168	1463843	34.483	ng/ul	97
57) 2,4-Dinitrotoluene	15.033	165	346127	39.869	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.292	232	275164	33.588	ng/ul	94
59) Diethylphthalate	15.480	149	1244792	37.861	ng/ul	100
61) Fluorene	15.709	166	1246627	36.009	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.704	204	632164	37.364	ng/ul	97
63) 4-Nitroaniline	15.739	138	265293	45.745	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.792	198	148435	29.384	ng/ul	97
67) N-Nitrosodiphenylamine	15.915	169	1004570	34.122	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	367498	34.350	ng/ul	95
69) Hexachlorobenzene	16.709	284	444553	34.810	ng/ul#	94
70) Atrazine	16.862	200	90667	9.012	ng/ul	94
71) Pentachlorophenol	17.056	266	209900	29.562	ng/ul	99
72) Phenanthrene	17.451	178	1854999	34.804	ng/ul	100
74) Anthracene	17.539	178	1891247	34.916	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.474	216	516952	32.763	ng/uL	100
76) Pentachlorobenzene	14.980	250	510547	32.664	ng/uL	98
77) Carbazole	17.809	167	1640404	34.956	ng/ul	99
78) Di-n-butylphthalate	18.356	149	2229464	39.969	ng/ul	99
80) Fluoranthene	19.456	202	1988432	39.165	ng/ul#	93
82) Pyrene	19.815	202	2059707	38.981	ng/ul#	95
83) Butylbenzylphthalate	20.697	149	879248	44.750	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	465038	32.816	ng/ul	98
85) Benzo(a)anthracene	21.556	228	1737652	36.041	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	1327925	46.458	ng/ul	100
87) Chrysene	21.609	228	1575545	34.829	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	2038580	46.060	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1590267	37.136	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	1496618	36.062	ng/ul	99
93) Benzo(a)pyrene	23.915	252	1337051	35.506	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.585	276	1607057	33.136	ng/ul	98
95) Dibenzo(a,h)anthracene	26.597	278	1454067	35.565	ng/ul	98
96) Benzo(g,h,i)perylene	27.379	276	1354696	34.986	ng/ul	98

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

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