Quantitation Report (Qedit)

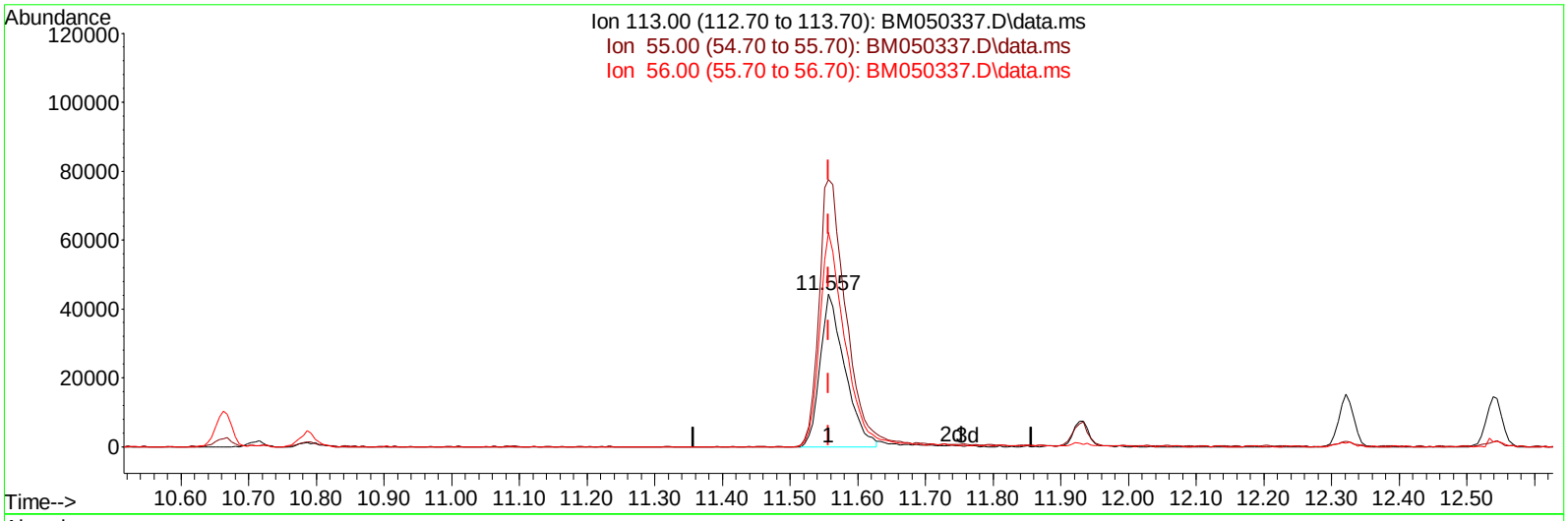
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070225\
Data File : BM050337.D
Acq On : 02 Jul 2025 10:01
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

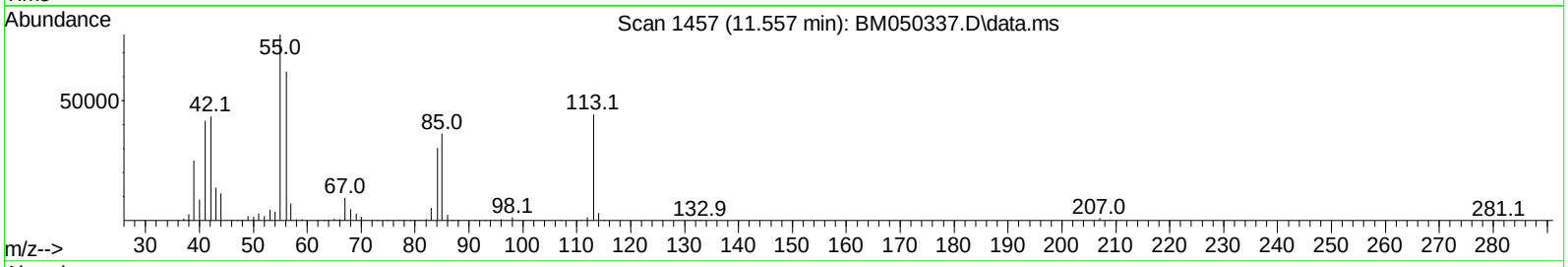
Quant Time: Jul 02 12:24:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM070125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 15:14:38 2025
Response via : Initial Calibration

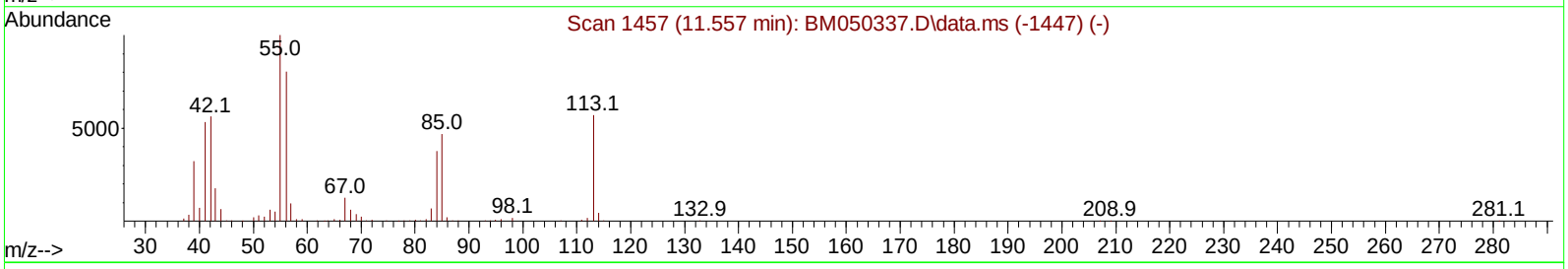
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025







TIC: BM050337.D\data.ms

(34) Caprolactam

11.557min (-0.000) 17.80 ng/ul

response 112499

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.00	175.07
56.00	142.00	140.40
0.00	0.00	0.00

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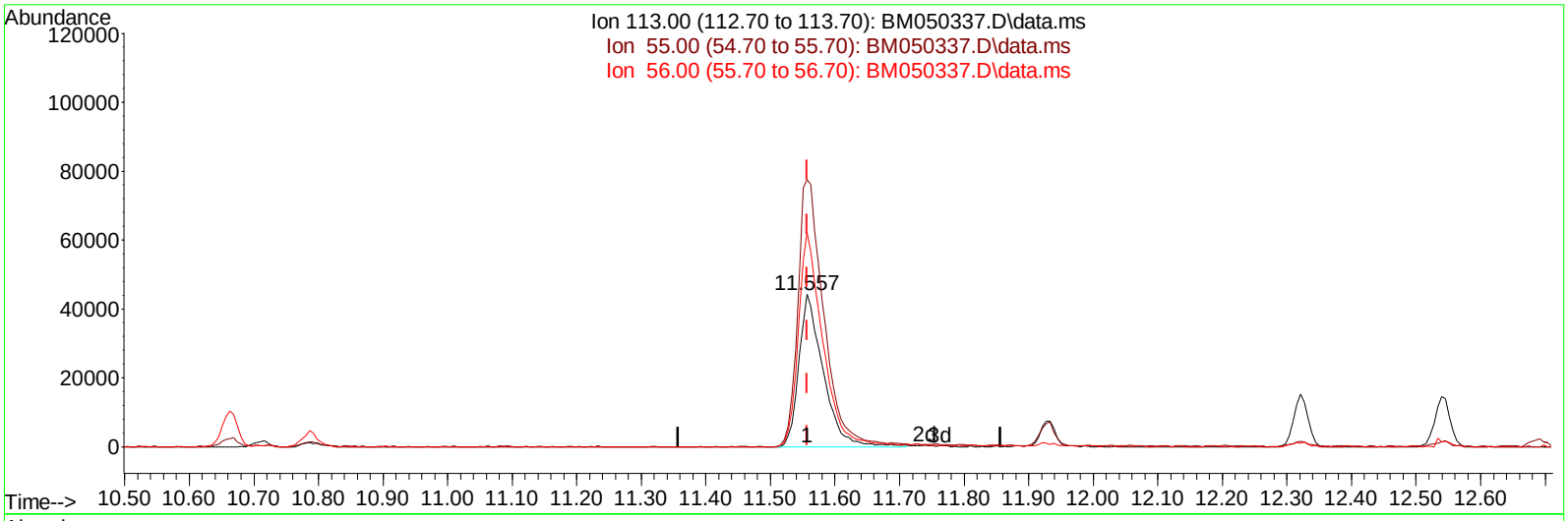

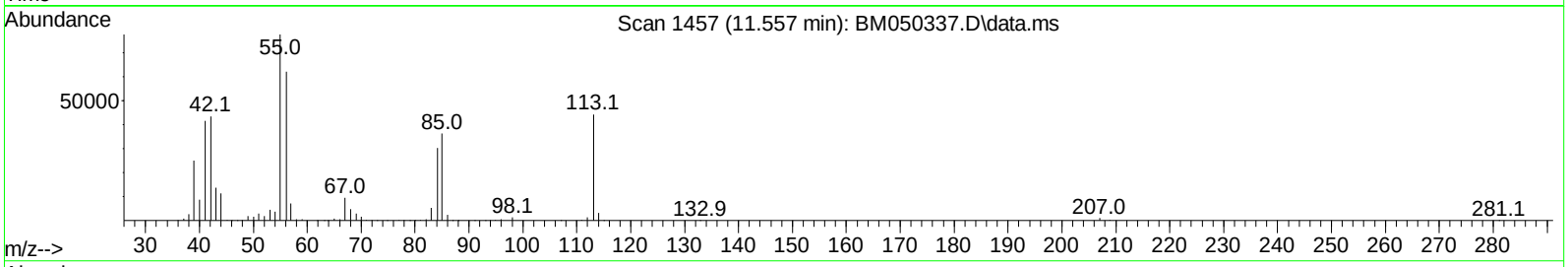

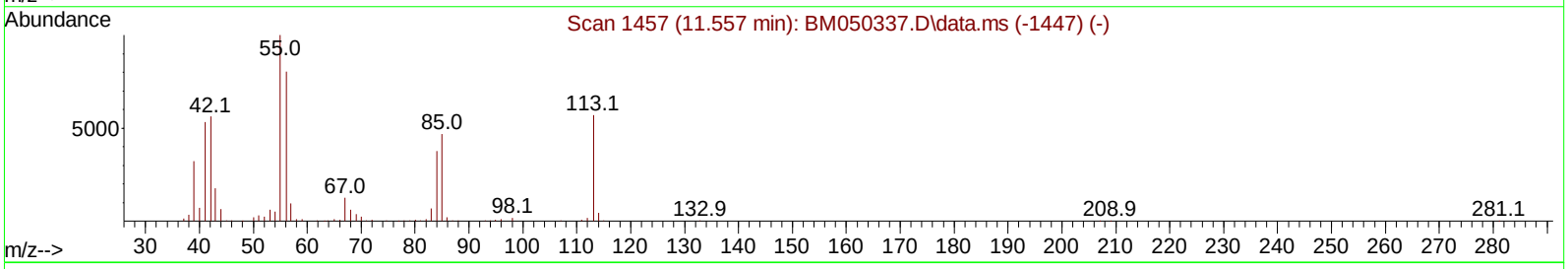

TIC: BM050337.D\data.ms

(34) Caprolactam

11.557min (-0.000) 18.38 ng/ul m

response 116200

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.00	175.07
56.00	142.00	140.40
0.00	0.00	0.00

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Acq On : 02 Jul 2025 10:01
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 12:24:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM070125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 15:14:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	378389	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1393377	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	841072	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1604915	20.000	ng/ul	0.00
79) Chrysene-d12	21.450	240	1686396	20.000	ng/ul	0.00
88) Perylene-d12	24.485	264	1721228	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	76881	8.386	ng/uL	0.00
4) Pyridine-d5	3.710	84	535827	21.589	ng/ul	0.00
7) Phenol-d5	7.016	99	573301	20.899	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	379867	21.837	ng/ul	0.00
11) 2-Chlorophenol-d4	7.398	132	462029	20.679	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	424449	20.310	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	190310	19.752	ng/ul	0.00
24) 2-Nitrophenol-d4	9.739	143	165675	18.448	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.280	165	424602	19.453	ng/ul	0.00
31) 4-Chloroaniline-d4	10.786	131	587476	20.259	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	1130718	19.738	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	1403964	20.016	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	199053	19.333	ng/ul	0.00
60) Fluorene-d10	15.480	176	1035266	19.907	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	106248	15.327	ng/ul	0.00
73) Anthracene-d10	17.321	188	1596257	20.057	ng/ul	0.00
81) Pyrene-d10	19.603	212	1763569	19.576	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.280	264	1705139	19.540	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	83097	8.734	ng/uL	96
5) Pyridine	3.734	79	566161	21.866	ng/ul	99
6) Benzaldehyde	7.004	77	357687	23.634	ng/ul	99
8) Phenol	7.045	94	608813	21.179	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.287	93	481932	21.346	ng/ul	98
12) 2-Chlorophenol	7.428	128	482227	20.577	ng/ul	96
13) 2-Methylphenol	8.298	108	420939	20.298	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.398	45	771780	21.887	ng/ul	99
16) Acetophenone	8.686	105	710044	21.194	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.669	70	347470	19.990	ng/ul	99
18) 4-Methylphenol	8.628	108	461641	20.491	ng/ul	99
19) Hexachloroethane	8.957	117	200188	20.716	ng/ul	97
22) Nitrobenzene	9.057	77	513416	20.618	ng/ul	98
23) Isophorone	9.586	82	887294	19.512	ng/ul	99
25) 2-Nitrophenol	9.775	139	203647	19.141	ng/ul	98
26) 2,4-Dimethylphenol	9.833	107	486039	20.415	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.069	93	594853	20.280	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	428829	19.735	ng/ul	99
30) Naphthalene	10.716	128	1441187	20.111	ng/ul	100
32) 4-Chloroaniline	10.810	127	598255	20.390	ng/ul	99
33) Hexachlorobutadiene	11.010	225	295483	19.365	ng/ul	98
34) Caprolactam	11.557	113	116200m	18.384	ng/ul	
35) 4-Chloro-3-methylphenol	11.927	107	392752	19.765	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.322	142	987374	19.813	ng/ul	96
37)	1-Methylnaphthalene	12.539	142	964082	19.539	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.692	216	529521	19.354	ng/ul	98
40)	Hexachlorocyclopentadiene	12.680	237	256389	17.971	ng/ul	98
41)	2,4,6-Trichlorophenol	12.921	196	304491	19.417	ng/ul	99
42)	2,4,5-Trichlorophenol	12.992	196	337276	19.348	ng/ul	97
43)	1,1'-Biphenyl	13.333	154	1250171	20.177	ng/ul	98
44)	2-Chloronaphthalene	13.368	162	1001547	20.184	ng/ul	98
45)	2-Nitroaniline	13.563	65	230595	20.127	ng/ul	99
47)	Dimethylphthalate	13.945	163	1140148	20.003	ng/ul	99
48)	2,6-Dinitrotoluene	14.057	165	177862	19.105	ng/ul	98
50)	Acenaphthylene	14.216	152	1579210	20.208	ng/ul	99
51)	3-Nitroaniline	14.380	138	202668	20.094	ng/ul	97
52)	Acenaphthene	14.557	153	1019186	20.157	ng/ul	99
53)	2,4-Dinitrophenol	14.586	184	59405	14.232	ng/ul	99
55)	4-Nitrophenol	14.674	109	166333	20.642	ng/ul	95
56)	Dibenzofuran	14.892	168	1468195	20.166	ng/ul	99
57)	2,4-Dinitrotoluene	14.839	165	279056	20.085	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.110	232	255330	18.960	ng/ul	97
59)	Diethylphthalate	15.310	149	1080155	20.166	ng/ul	99
61)	Fluorene	15.533	166	1209883	20.010	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.533	204	616130	19.935	ng/ul	99
63)	4-Nitroaniline	15.533	138	216089	21.674	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.598	198	123836	15.871	ng/ul	97
67)	N-Nitrosodiphenylamine	15.739	169	979686	19.863	ng/ul	99
68)	4-Bromophenyl-phenylether	16.421	248	336153	19.233	ng/ul	99
69)	Hexachlorobenzene	16.539	284	406547	19.365	ng/ul	97
70)	Atrazine	16.686	200	317808	18.840	ng/ul	99
71)	Pentachlorophenol	16.874	266	210242	17.624	ng/ul	98
72)	Phenanthrene	17.268	178	1845849	20.205	ng/ul	99
74)	Anthracene	17.356	178	1873423	20.264	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.292	216	525880	19.356	ng/uL	99
76)	Pentachlorobenzene	14.810	250	501519	19.605	ng/uL	99
77)	Carbazole	17.621	167	1666827	20.605	ng/ul	100
78)	Di-n-butylphthalate	18.198	149	1670291	20.449	ng/ul	100
80)	Fluoranthene	19.274	202	2014634	19.438	ng/ul	100
82)	Pyrene	19.633	202	2214409	19.696	ng/ul	100
83)	Butylbenzylphthalate	20.533	149	609078	19.207	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.350	252	566784	18.533	ng/ul	100
85)	Benzo(a)anthracene	21.433	228	2202842	20.020	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.368	149	1001390	20.183	ng/ul	97
87)	Chrysene	21.491	228	2100033	20.190	ng/ul	100
89)	Di-n-octyl phthalate	22.521	149	1472886	17.104	ng/ul	100
90)	Benzo(b)fluoranthene	23.527	252	2020918	19.471	ng/ul	99
91)	Benzo(k)fluoranthene	23.591	252	2146290	20.296	ng/ul	99
93)	Benzo(a)pyrene	24.344	252	1979955	19.921	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	27.920	276	2421693	19.710	ng/ul	99
95)	Dibenzo(a,h)anthracene	27.979	278	2035523	19.943	ng/ul	98
96)	Benzo(g,h,i)perylene	28.991	276	1976918	20.005	ng/ul	99

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

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