Quantitation Report (Qedit)

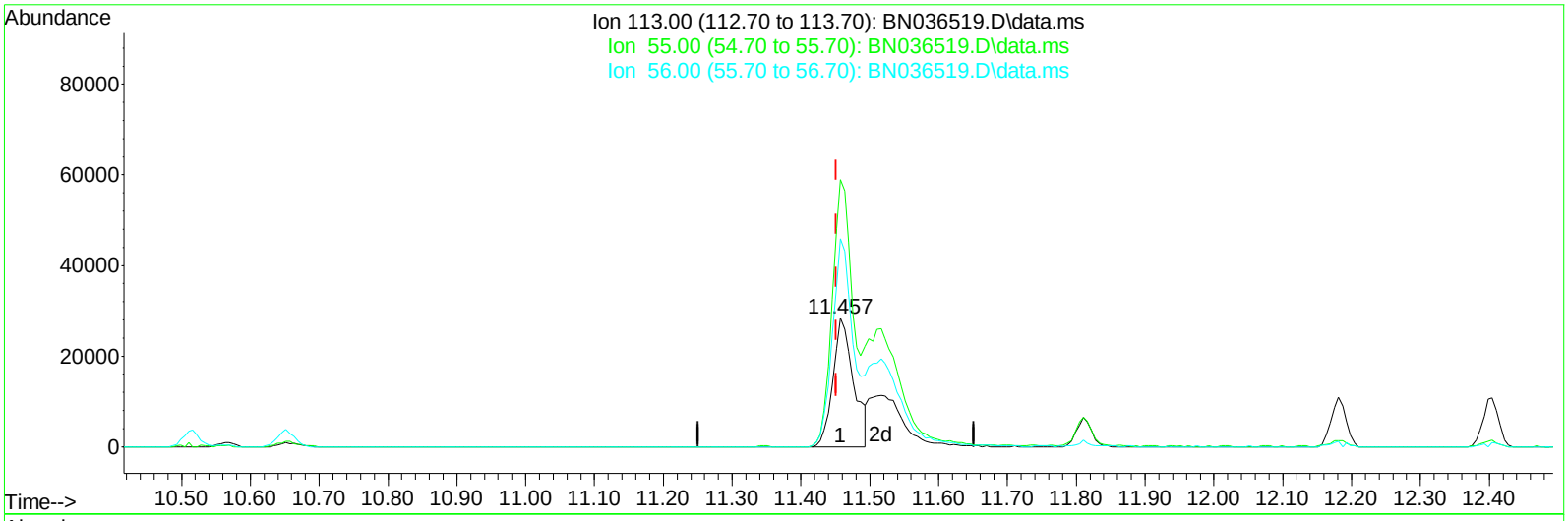
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022825\
Data File : BN036519.D
Acq On : 28 Feb 2025 17:02
Operator : RC/JU
Sample : SSTD04014
Misc :
ALS Vial : 5 Sample Multiplier: 1

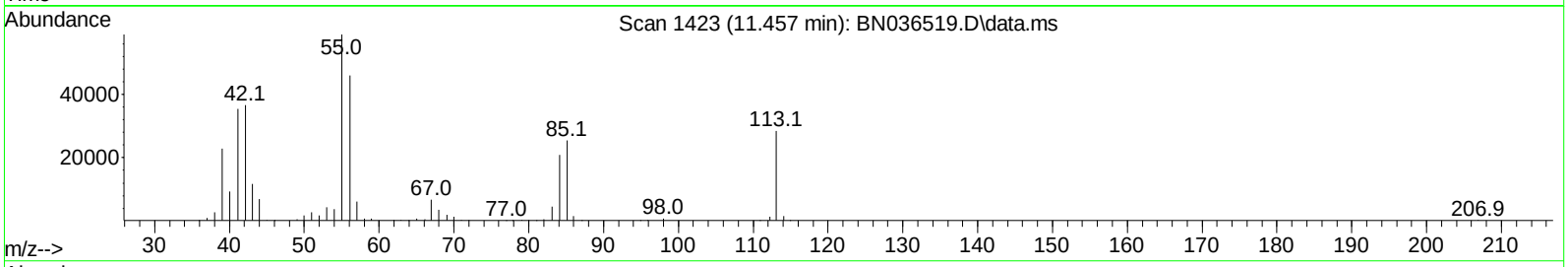
Quant Time: Mar 03 12:39:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 03 10:48:06 2025
Response via : Initial Calibration

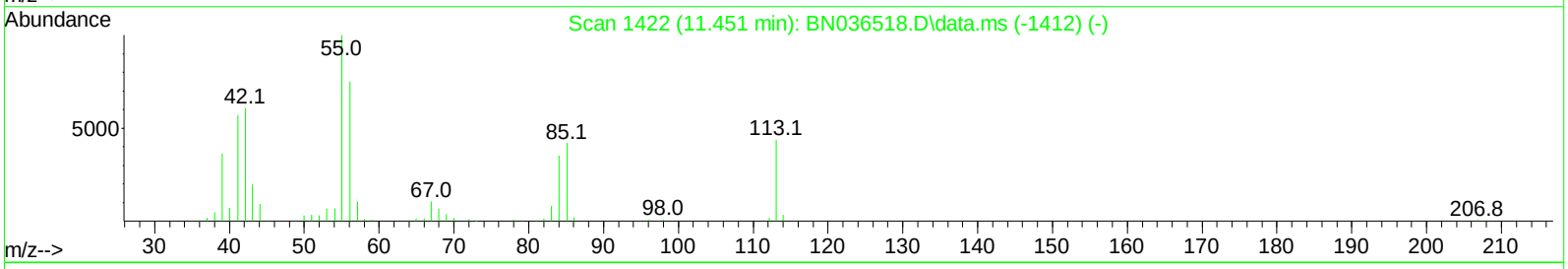
Instrument :
BNA_N
ClientSampleId :
SSTD040206

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/03/2025
Supervised By :Jagrut Upadhyay 03/03/2025







TIC: BN036519.D\data.ms

(34) Caprolactam

11.457min (+ 0.006) 25.22 ng/ul

response 58954

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	228.50	207.53
56.00	171.60	161.67
0.00	0.00	0.00

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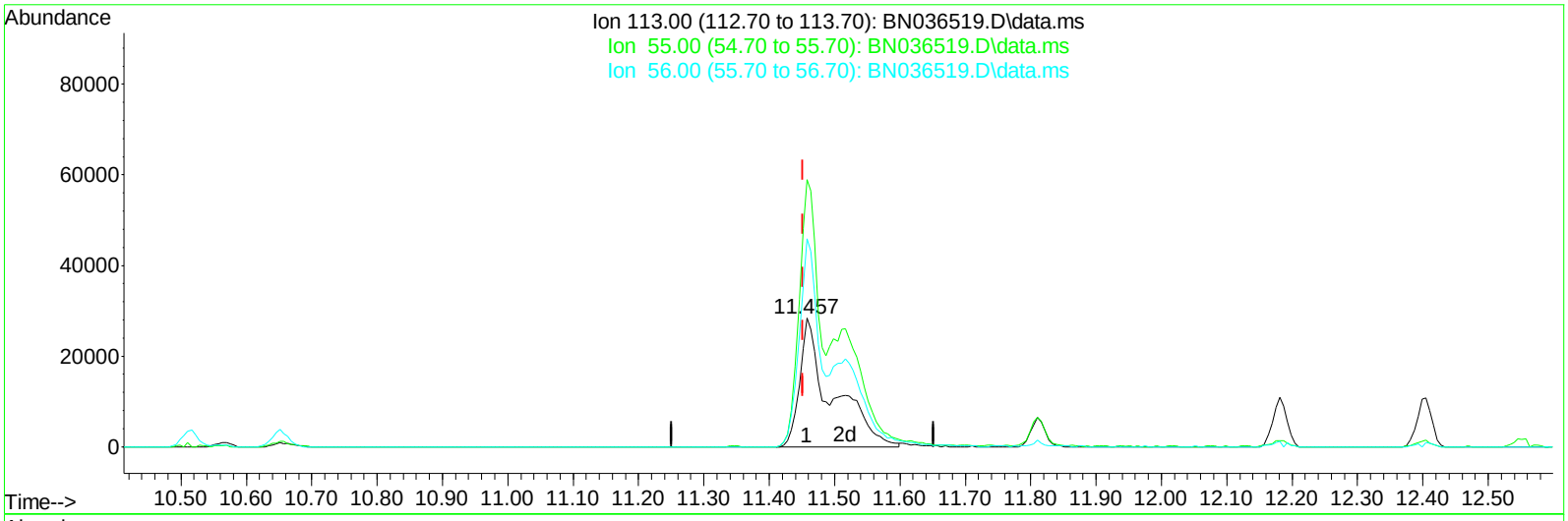

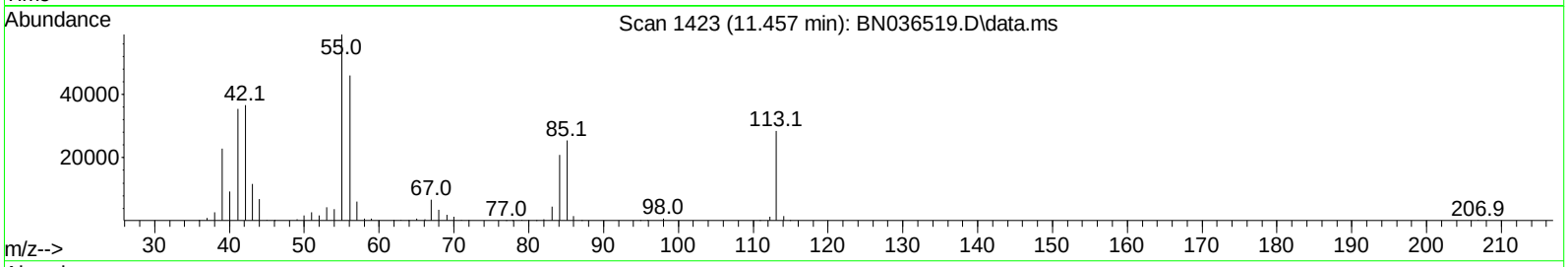

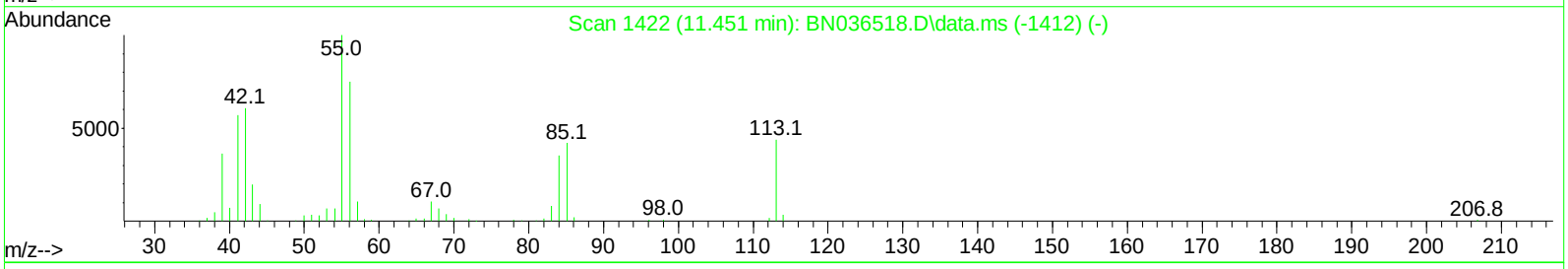

TIC: BN036519.D\data.ms

(34) Caprolactam

11.457min (+ 0.006) 41.61 ng/ul m

response 97255

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	228.50	207.53
56.00	171.60	161.67
0.00	0.00	0.00

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Sample : SSTD04014
Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	77713	20.00	ng/ul	0.00
20) Naphthalene-d8	10.516	136	362989	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	252605	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	515916	20.00	ng/ul	0.00
79) Chrysene-d12	21.351	240	548089	20.00	ng/ul	0.00
88) Perylene-d12	24.321	264	592529	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	31212	15.61	ng/uL	0.00
4) Pyridine-d5	3.611	84	253195	41.44	ng/ul	0.00
7) Phenol-d5	6.899	99	309242	41.66	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	214605	40.64	ng/ul	0.00
11) 2-Chlorophenol-d4	7.264	132	223827	42.89	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	253231	41.32	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	123377	43.00	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	131151	43.26	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	235818	42.89	ng/ul	0.00
31) 4-Chloroaniline-d4	10.652	131	350387	41.27	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	780207	41.07	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	879158	41.43	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	162065	43.07	ng/ul	0.00
60) Fluorene-d10	15.363	176	653767	40.80	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	150860	42.73	ng/ul	0.00
73) Anthracene-d10	17.216	188	1056393	41.61	ng/ul	0.00
81) Pyrene-d10	19.510	212	1230546	41.10	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.116	264	1255555	42.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	34409	15.35	ng/uL	98
5) Pyridine	3.634	79	265243	41.61	ng/ul	95
6) Benzaldehyde	6.869	77	195921	44.78	ng/ul	99
8) Phenol	6.928	94	327553	41.16	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.152	93	253833	40.85	ng/ul	99
12) 2-Chlorophenol	7.293	128	231475	42.04	ng/ul	99
13) 2-Methylphenol	8.169	108	236409	41.25	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	488225	40.94	ng/ul	99
16) Acetophenone	8.546	105	428073	41.09	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.540	70	244947	41.87	ng/ul	98
18) 4-Methylphenol	8.505	108	271074	41.41	ng/ul	97
19) Hexachloroethane	8.799	117	102195	40.38	ng/ul	94
22) Nitrobenzene	8.922	77	359294	41.40	ng/ul	98
23) Isophorone	9.452	82	669963	41.45	ng/ul	99
25) 2-Nitrophenol	9.634	139	144749	42.88	ng/ul	96
26) 2,4-Dimethylphenol	9.699	107	294354	41.26	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.934	93	371652	40.79	ng/ul	98
29) 2,4-Dichlorophenol	10.169	162	237921	42.19	ng/ul	97
30) Naphthalene	10.563	128	825677	41.13	ng/ul	99
32) 4-Chloroaniline	10.675	127	341958	41.61	ng/ul	99
33) Hexachlorobutadiene	10.852	225	146910	39.55	ng/ul	99
34) Caprolactam	11.457	113	97255m	41.61	ng/ul	
35) 4-Chloro-3-methylphenol	11.810	107	304742	42.61	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.181	142	576882	41.28	ng/ul	98
37) 1-Methylnaphthalene	12.404	142	581882	41.30	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.551	216	290404	41.00	ng/ul	94
40) Hexachlorocyclopentadiene	12.540	237	175988	42.10	ng/ul	99
41) 2,4,6-Trichlorophenol	12.799	196	201108	43.16	ng/ul	97
42) 2,4,5-Trichlorophenol	12.869	196	219419	42.98	ng/ul	98
43) 1,1'-Biphenyl	13.199	154	758294	40.65	ng/ul	99
44) 2-Chloronaphthalene	13.240	162	585399	40.47	ng/ul	98
45) 2-Nitroaniline	13.446	65	254664	43.86	ng/ul	98
47) Dimethylphthalate	13.834	163	779710	40.70	ng/ul	99
48) 2,6-Dinitrotoluene	13.946	165	162927	43.56	ng/ul	98
50) Acenaphthylene	14.093	152	934231	40.68	ng/ul	98
51) 3-Nitroaniline	14.275	138	174554	43.22	ng/ul	97
52) Acenaphthene	14.434	153	677049	40.89	ng/ul	97
53) 2,4-Dinitrophenol	14.481	184	110526	42.98	ng/ul	94
55) 4-Nitrophenol	14.598	109	155946	42.10	ng/ul	96
56) Dibenzofuran	14.769	168	920211	40.33	ng/ul	98
57) 2,4-Dinitrotoluene	14.734	165	244667	42.72	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.998	232	178876	41.91	ng/ul	96
59) Diethylphthalate	15.198	149	816912	41.05	ng/ul	99
61) Fluorene	15.422	166	757399	40.16	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.416	204	365774	40.67	ng/ul	97
63) 4-Nitroaniline	15.445	138	173530	43.66	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.504	198	159471	42.02	ng/ul	95
67) N-Nitrosodiphenylamine	15.628	169	656892	41.68	ng/ul	99
68) 4-Bromophenyl-phenylether	16.310	248	207933	41.57	ng/ul	94
69) Hexachlorobenzene	16.422	284	225713	40.50	ng/ul	96
70) Atrazine	16.587	200	249670	42.59	ng/ul	96
71) Pentachlorophenol	16.769	266	161375	41.90	ng/ul	98
72) Phenanthrene	17.157	178	1217103	40.73	ng/ul	99
74) Anthracene	17.251	178	1234360	40.57	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	290406	41.13	ng/uL	94
76) Pentachlorobenzene	14.693	250	292883	41.20	ng/uL	97
77) Carbazole	17.522	167	1151931	42.13	ng/ul	99
78) Di-n-butylphthalate	18.087	149	1441575	42.39	ng/ul	99
80) Fluoranthene	19.175	202	1409627	40.23	ng/ul	100
82) Pyrene	19.539	202	1525963	40.01	ng/ul	98
83) Butylbenzylphthalate	20.445	149	666103	42.34	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.257	252	433995	43.01	ng/ul	94
85) Benzo(a)anthracene	21.333	228	1532532	40.59	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.263	149	972704	42.57	ng/ul	98
87) Chrysene	21.398	228	1433285	39.43	ng/ul	98
89) Di-n-octyl phthalate	22.386	149	1655979	41.55	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	1495801	41.19	ng/ul	99
91) Benzo(k)fluoranthene	23.451	252	1505063	41.06	ng/ul	98
93) Benzo(a)pyrene	24.186	252	1440925	41.56	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.668	276	1754652	41.45	ng/ul	97
95) Dibenzo(a,h)anthracene	27.727	278	1424624	42.22	ng/ul	95
96) Benzo(g,h,i)perylene	28.721	276	1369900	41.56	ng/ul	97

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

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