Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024584.D
Acq On : 28 Mar 2023 13:56
Operator : CG/JU
Sample : SSTD02085
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 29 02:48:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 29 02:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020208

Manual IntegrationsAPPROVED

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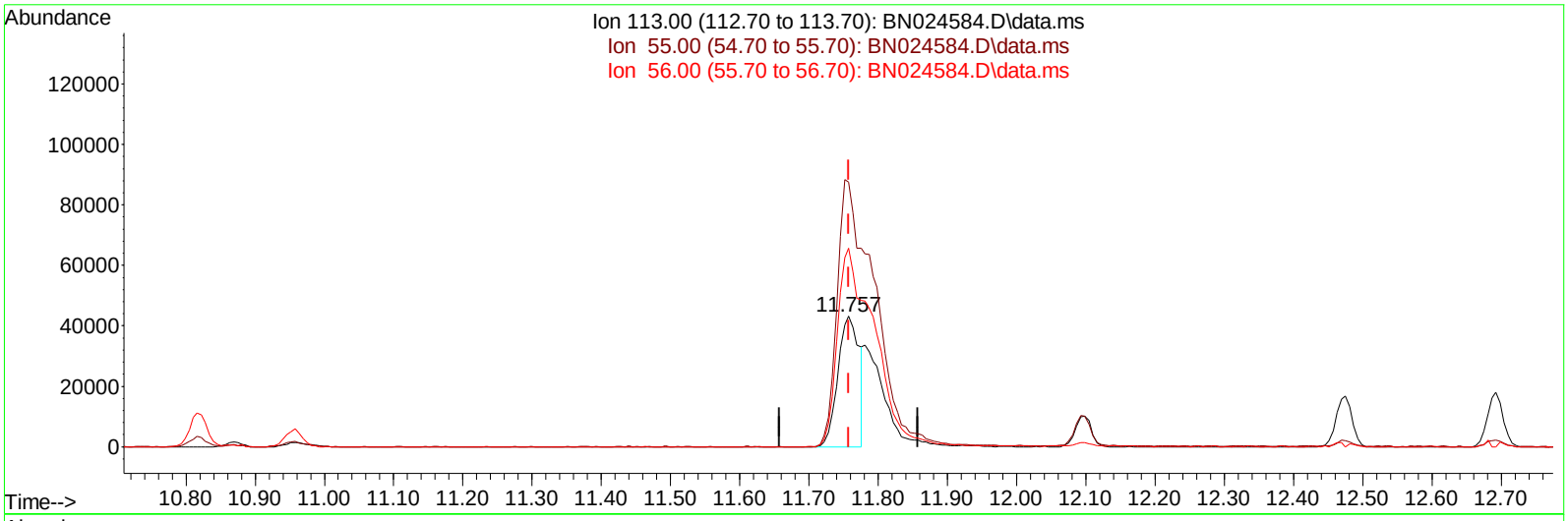
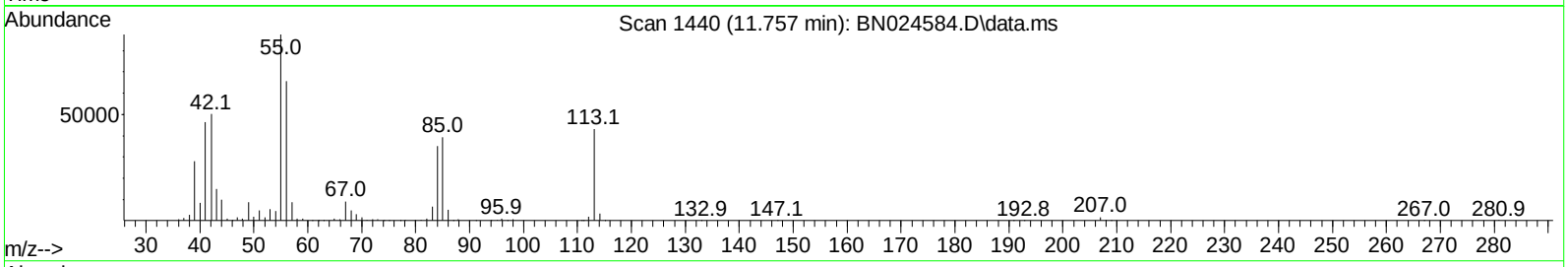
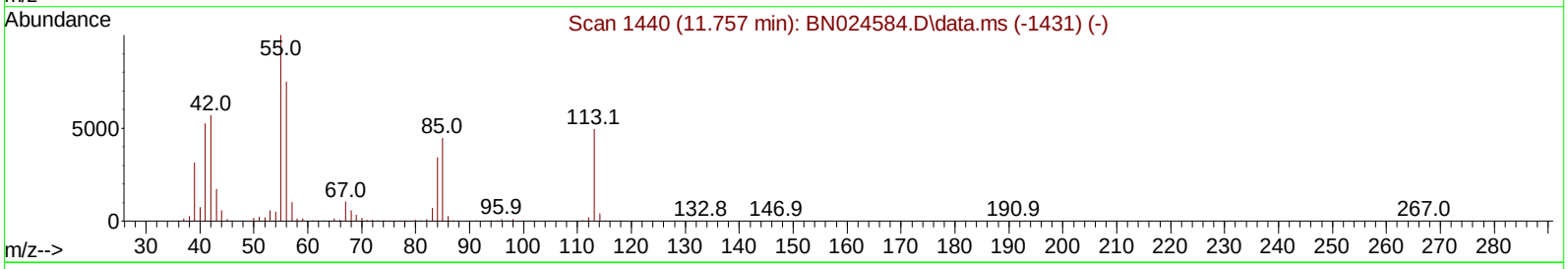
Supervised By :Jagrut Upadhyay 03/29/2023







TIC: BN024584.D\data.ms

(34) Caprolactam

11.757min (0.000) 11.81 ng/ul

response 91527

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.70	202.69
56.00	152.00	151.96
0.00	0.00	0.00

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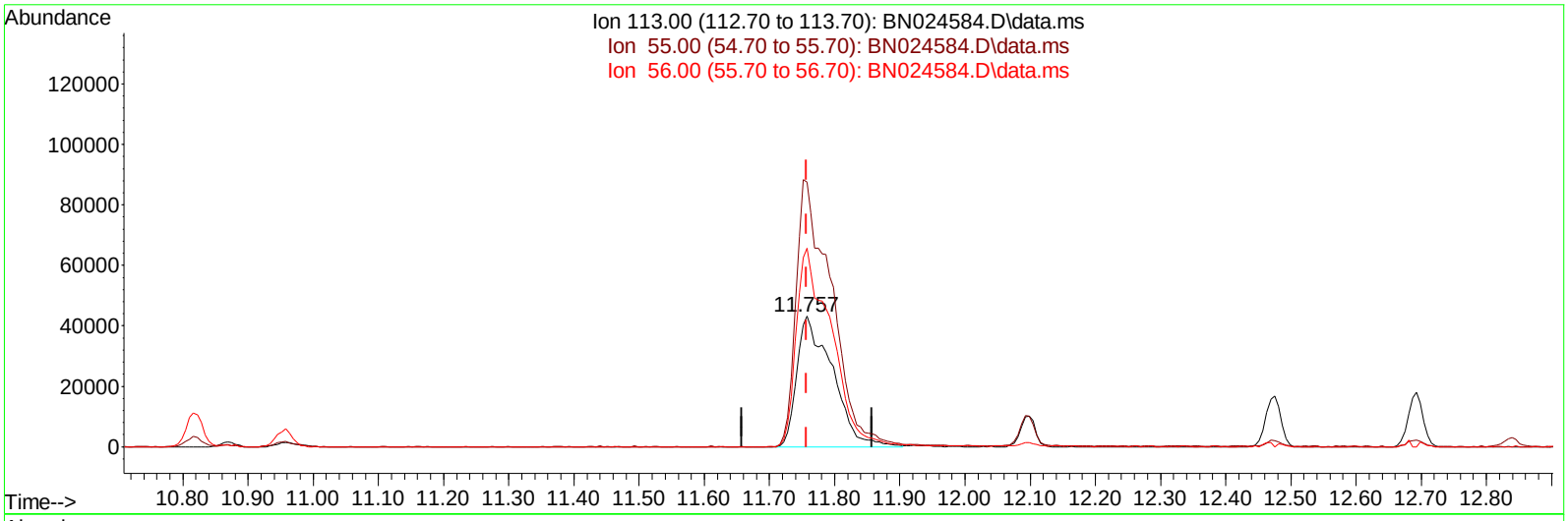

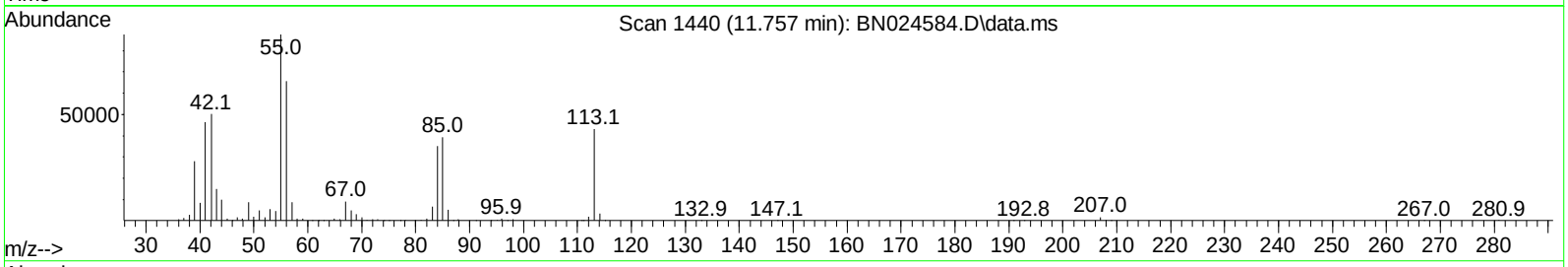

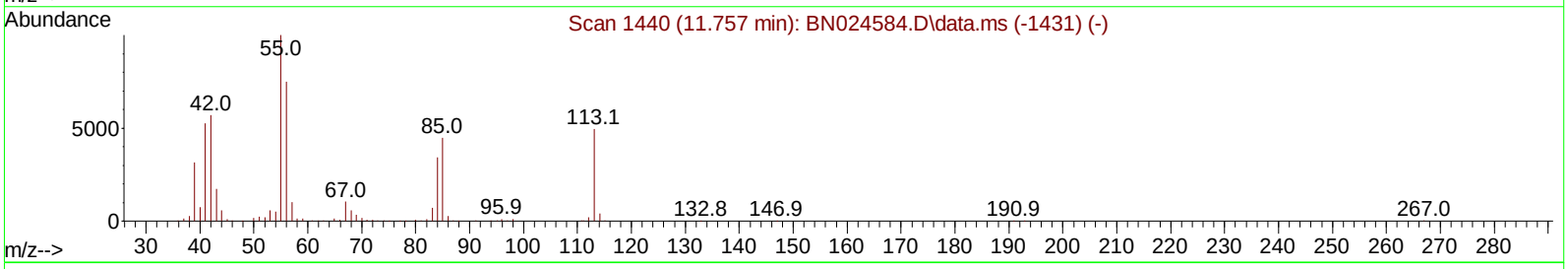

TIC: BN024584.D\data.ms

(34) Caprolactam

11.757min (0.000) 21.04 ng/ul m

response 163005

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.70	202.69
56.00	152.00	151.96
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	8.005	152	309564	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1425263	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	900096	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1936627	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	1837116	20.000	ng/ul	0.00
88) Perylene-d12	24.051	264	1989476	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	67649	8.473	ng/uL	0.00
4) Pyridine-d5	3.799	84	475060	20.605	ng/ul	0.00
7) Phenol-d5	7.158	99	608586	20.774	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	403122	21.309	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	469348	21.610	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	492845	21.035	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	242505	21.499	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	261925	21.453	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	470672	21.225	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	716025	21.162	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	1467163	21.197	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	1697522	21.538	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	304026	20.986	ng/ul	0.00
60) Fluorene-d10	15.634	176	1274797	21.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	257090	20.155	ng/ul	0.00
73) Anthracene-d10	17.486	188	1975985	21.693	ng/ul	0.00
81) Pyrene-d10	19.775	212	2252903	21.209	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	2233326	22.155	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	72499	8.427	ng/uL	100
5) Pyridine	3.817	79	502127	20.924	ng/ul	100
6) Benzaldehyde	7.134	77	349156	26.112	ng/ul	100
8) Phenol	7.187	94	642079	21.114	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.422	93	518162	21.608	ng/ul	100
12) 2-Chlorophenol	7.563	128	481081	21.230	ng/ul	100
13) 2-Methylphenol	8.446	108	478246	21.059	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	915857	21.500	ng/ul	100
16) Acetophenone	8.834	105	805878	22.034	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.816	70	425080	22.085	ng/ul	100
18) 4-Methylphenol	8.775	108	539258	21.388	ng/ul	100
19) Hexachloroethane	9.087	117	189344	21.157	ng/ul	100
22) Nitrobenzene	9.216	77	620000	21.161	ng/ul	100
23) Isophorone	9.740	82	1170608	21.495	ng/ul	100
25) 2-Nitrophenol	9.928	139	287639	21.670	ng/ul	100
26) 2,4-Dimethylphenol	9.987	107	581053	21.075	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.222	93	734700	21.022	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	477103	21.212	ng/ul	100
30) Naphthalene	10.869	128	1652048	20.860	ng/ul	100
32) 4-Chloroaniline	10.981	127	741339	21.636	ng/ul	100
33) Hexachlorobutadiene	11.151	225	274937	21.225	ng/ul	100
34) Caprolactam	11.757	113	163005m	21.041	ng/ul	
35) 4-Chloro-3-methylphenol	12.099	107	553449	21.522	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.475	142	1122201	21.165	ng/ul	100
37)	1-Methylnaphthalene	12.693	142	1121802	21.354	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.840	216	564465	21.156	ng/ul	100
40)	Hexachlorocyclopentadiene	12.816	237	346048	20.610	ng/ul	100
41)	2,4,6-Trichlorophenol	13.075	196	376948	21.205	ng/ul	100
42)	2,4,5-Trichlorophenol	13.146	196	420908	21.544	ng/ul	100
43)	1,1'-Biphenyl	13.475	154	1523494	21.304	ng/ul	100
44)	2-Chloronaphthalene	13.522	162	1186214	21.248	ng/ul	100
45)	2-Nitroaniline	13.728	65	380063	21.911	ng/ul	100
47)	Dimethylphthalate	14.098	163	1501928	21.368	ng/ul	100
48)	2,6-Dinitrotoluene	14.216	165	294208	22.097	ng/ul	100
50)	Acenaphthylene	14.363	152	1869720	21.667	ng/ul	100
51)	3-Nitroaniline	14.545	138	317439	22.431	ng/ul	100
52)	Acenaphthene	14.704	153	1271498	21.145	ng/ul	100
53)	2,4-Dinitrophenol	14.751	184	174624	19.309	ng/ul	100
55)	4-Nitrophenol	14.845	109	237314	21.411	ng/ul	100
56)	Dibenzofuran	15.040	168	1768402	21.134	ng/ul	100
57)	2,4-Dinitrotoluene	14.998	165	441479	22.634	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.263	232	357676	21.969	ng/ul	100
59)	Diethylphthalate	15.457	149	1481899	21.545	ng/ul	100
61)	Fluorene	15.687	166	1459962	21.761	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.681	204	690073	21.678	ng/ul	100
63)	4-Nitroaniline	15.710	138	325047	23.315	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.763	198	262251	20.790	ng/ul	100
67)	N-Nitrosodiphenylamine	15.892	169	1249362	21.573	ng/ul	100
68)	4-Bromophenyl-phenylether	16.575	248	413947	21.416	ng/ul	100
69)	Hexachlorobenzene	16.692	284	479091	21.061	ng/ul	100
70)	Atrazine	16.845	200	426359	21.549	ng/ul	100
71)	Pentachlorophenol	17.034	266	281647	20.254	ng/ul	100
72)	Phenanthrene	17.428	178	2321939	21.396	ng/ul	100
74)	Anthracene	17.522	178	2354363	21.595	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.445	216	577316	20.851	ng/uL	100
76)	Pentachlorobenzene	14.957	250	574727	21.369	ng/uL	100
77)	Carbazole	17.792	167	2169704	22.134	ng/ul	100
78)	Di-n-butylphthalate	18.351	149	2417316	21.762	ng/ul	100
80)	Fluoranthene	19.439	202	2659042	21.109	ng/ul	100
82)	Pyrene	19.804	202	2771289	20.869	ng/ul	100
83)	Butylbenzylphthalate	20.692	149	1095292	21.662	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.486	252	917458	21.364	ng/ul	100
85)	Benzo(a)anthracene	21.557	228	2661714	20.510	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.469	149	1516660	21.513	ng/ul	100
87)	Chrysene	21.610	228	2618816	21.326	ng/ul	100
89)	Di-n-octyl phthalate	22.421	149	2647448	21.971	ng/ul	100
90)	Benzo(b)fluoranthene	23.286	252	2869573	22.027	ng/ul	100
91)	Benzo(k)fluoranthene	23.339	252	2762317	22.211	ng/ul	100
93)	Benzo(a)pyrene	23.939	252	2469445	21.647	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.627	276	3108607	21.334	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.645	278	2638203	21.810	ng/ul	100
96)	Benzo(g,h,i)perylene	27.421	276	2608072	21.594	ng/ul	100

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

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