Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030723\
Data File : BP013964.D
Acq On : 07 Mar 2023 16:29
Operator : CG/JU
Sample : SSTD02037
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 08 00:43:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 00:39:16 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020619

Manual IntegrationsAPPROVED

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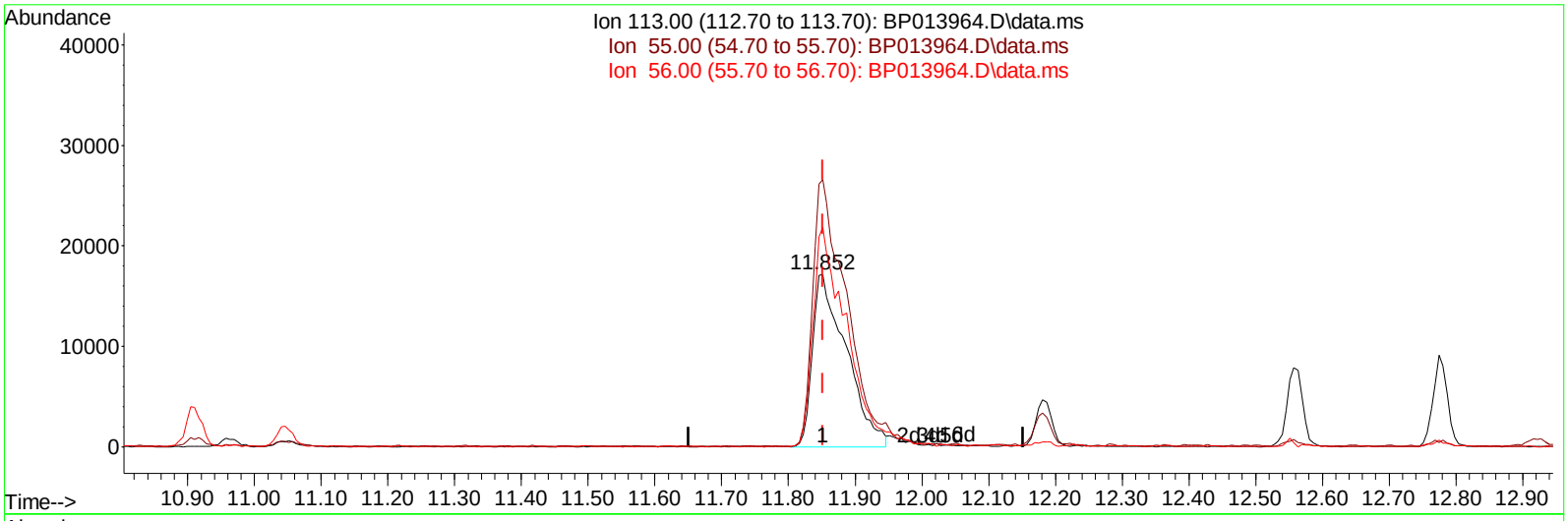
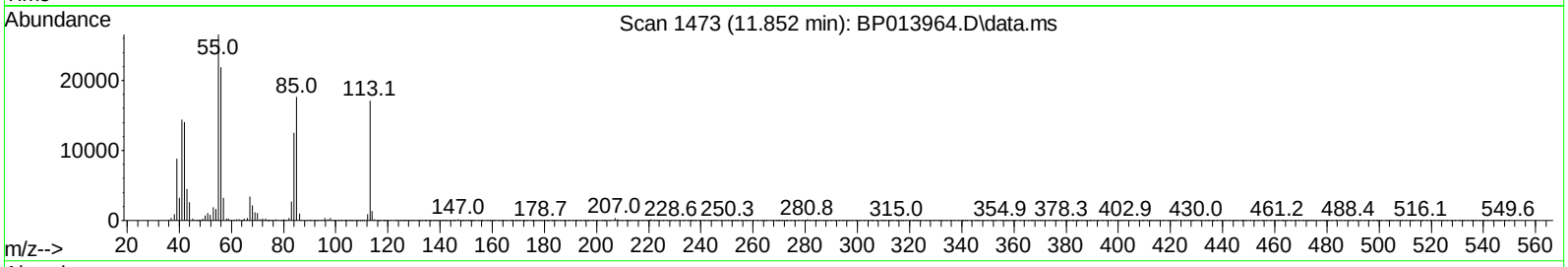
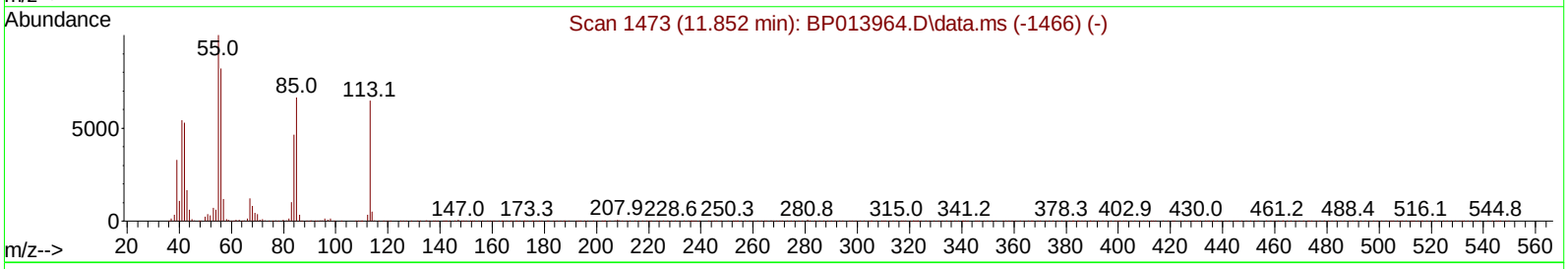
Supervised By :Jagrut Upadhyay 03/08/2023







TIC: BP013964.D\data.ms

(34) Caprolactam

11.852min (0.000) 20.58 ng/ul

response 60229

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	155.02
56.00	127.50	127.53
0.00	0.00	0.00

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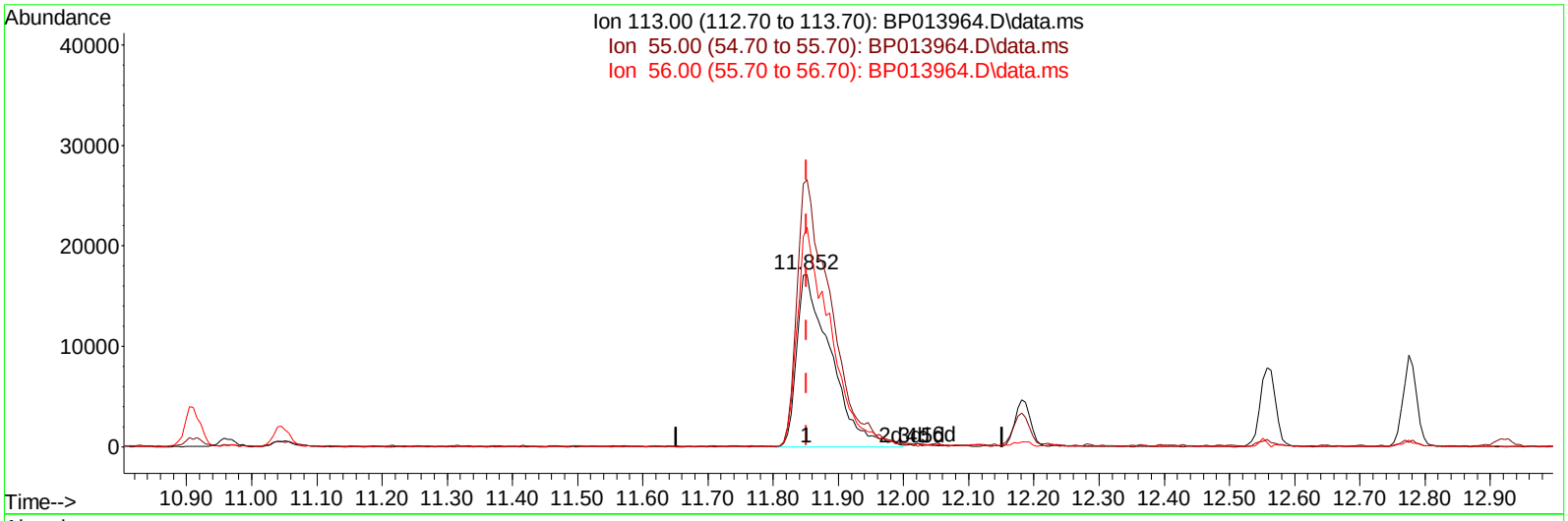

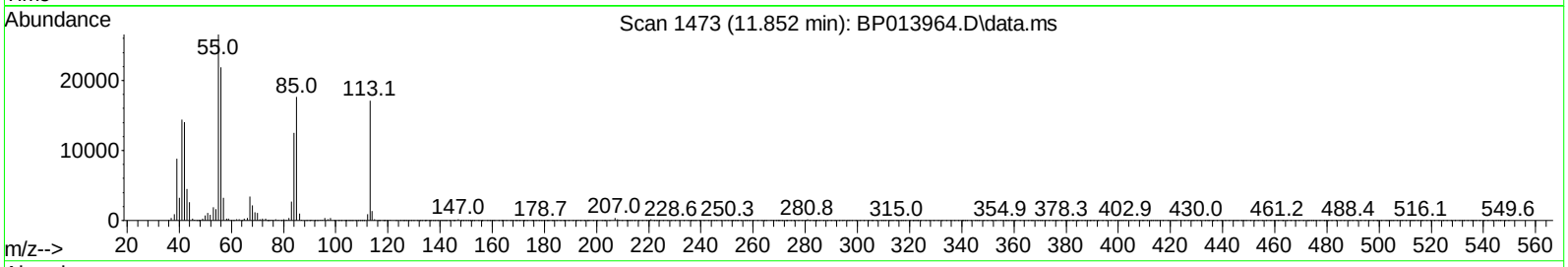

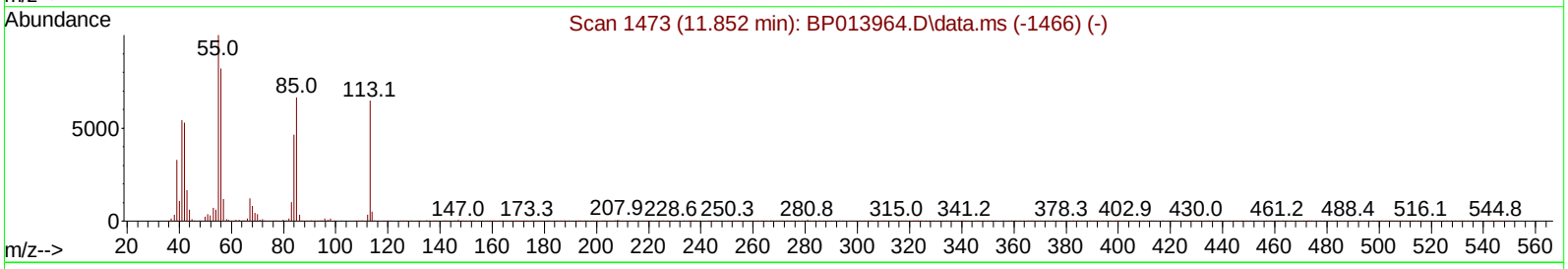

TIC: BP013964.D\data.ms

(34) Caprolactam

11.852min (0.000) 21.27 ng/ul m

response 62249

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	155.02
56.00	127.50	127.53
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	8.087	152	122329	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	517604	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	361554	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.481	188	873571	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	999709	20.000	ng/ul	0.00
88) Perylene-d12	24.104	264	1136410	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	26397	8.944	ng/uL	0.00
4) Pyridine-d5	3.870	84	182005	20.801	ng/ul	0.00
7) Phenol-d5	7.234	99	219532	20.142	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	133701	20.934	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	174367	21.732	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	185227	20.792	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	89149	24.754	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	103729	24.946	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	196091	23.141	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	255551	21.276	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	660676	23.200	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	701251	22.749	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	113625	22.397	ng/ul	0.00
60) Fluorene-d10	15.716	176	554575	22.864	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.834	200	138004	25.750	ng/ul	0.00
73) Anthracene-d10	17.581	188	894780	22.400	ng/ul	0.00
81) Pyrene-d10	19.798	212	1147901	20.248	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	1282377	22.521	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	28798	9.089	ng/uL	100
5) Pyridine	3.893	79	186103	21.522	ng/ul	100
6) Benzaldehyde	7.216	77	134351	27.334	ng/ul	100
8) Phenol	7.264	94	227197	20.307	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.499	93	180729	20.159	ng/ul	100
12) 2-Chlorophenol	7.646	128	175912	21.368	ng/ul	100
13) 2-Methylphenol	8.528	108	175603	20.563	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.611	45	203615	19.966	ng/ul	100
16) Acetophenone	8.916	105	312847	21.898	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.899	70	159901	22.538	ng/ul	100
18) 4-Methylphenol	8.858	108	194264	20.604	ng/ul	100
19) Hexachloroethane	9.175	117	76593	22.720	ng/ul	100
22) Nitrobenzene	9.299	77	236006	24.909	ng/ul	100
23) Isophorone	9.828	82	452032	22.613	ng/ul	100
25) 2-Nitrophenol	10.016	139	107474	23.847	ng/ul	100
26) 2,4-Dimethylphenol	10.069	107	237360	23.654	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.310	93	256457	21.245	ng/ul	100
29) 2,4-Dichlorophenol	10.552	162	195424	23.426	ng/ul	100
30) Naphthalene	10.963	128	592902	21.518	ng/ul	100
32) 4-Chloroaniline	11.069	127	255201	21.076	ng/ul	100
33) Hexachlorobutadiene	11.240	225	151998	25.866	ng/ul	100
34) Caprolactam	11.852	113	62249m	21.265	ng/ul	
35) 4-Chloro-3-methylphenol	12.181	107	223562	23.213	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.557	142	419272	21.643	ng/ul	100
37)	1-Methylnaphthalene	12.775	142	419947	20.980	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.922	216	280310	24.603	ng/ul	100
40)	Hexachlorocyclopentadiene	12.899	237	187367	25.612	ng/ul	100
41)	2,4,6-Trichlorophenol	13.157	196	176425	23.597	ng/ul	100
42)	2,4,5-Trichlorophenol	13.234	196	196813	24.319	ng/ul	100
43)	1,1'-Biphenyl	13.557	154	597778	22.035	ng/ul	100
44)	2-Chloronaphthalene	13.604	162	471150	22.076	ng/ul	100
45)	2-Nitroaniline	13.810	65	144514	28.113	ng/ul	100
47)	Dimethylphthalate	14.175	163	651937	23.082	ng/ul	100
48)	2,6-Dinitrotoluene	14.298	165	130719	26.490	ng/ul	100
50)	Acenaphthylene	14.451	152	735177	22.108	ng/ul	100
51)	3-Nitroaniline	14.628	138	114579	23.485	ng/ul	100
52)	Acenaphthene	14.787	153	504395	21.671	ng/ul	100
53)	2,4-Dinitrophenol	14.834	184	88392	25.119	ng/ul	100
55)	4-Nitrophenol	14.928	109	122316	27.477	ng/ul	100
56)	Dibenzofuran	15.122	168	739039	22.147	ng/ul	100
57)	2,4-Dinitrotoluene	15.087	165	194139	26.389	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.345	232	180204	23.624	ng/ul	100
59)	Diethylphthalate	15.534	149	657448	23.181	ng/ul	100
61)	Fluorene	15.769	166	613659	22.542	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.757	204	338431	23.909	ng/ul	100
63)	4-Nitroaniline	15.793	138	124649	26.980	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.851	198	130819	24.898	ng/ul	100
67)	N-Nitrosodiphenylamine	15.975	169	532033	22.407	ng/ul	100
68)	4-Bromophenyl-phenylether	16.657	248	224210	24.304	ng/ul	100
69)	Hexachlorobenzene	16.781	284	266303	24.774	ng/ul	100
70)	Atrazine	16.928	200	229324	24.151	ng/ul	100
71)	Pentachlorophenol	17.122	266	166150	23.752	ng/ul	100
72)	Phenanthrene	17.522	178	1003340	21.705	ng/ul	100
74)	Anthracene	17.616	178	1027012	22.082	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.528	216	289065	24.788	ng/uL	100
76)	Pentachlorobenzene	15.040	250	296864	24.669	ng/uL	100
77)	Carbazole	17.881	167	911345	22.245	ng/ul	100
78)	Di-n-butylphthalate	18.410	149	1145006	23.044	ng/ul	100
80)	Fluoranthene	19.475	202	1318717	20.319	ng/ul	100
82)	Pyrene	19.828	202	1374324	19.861	ng/ul	100
83)	Butylbenzylphthalate	20.680	149	560073	23.650	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.469	252	552096	24.537	ng/ul	100
85)	Benzo(a)anthracene	21.545	228	1471976	21.549	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.439	149	848586	23.400	ng/ul	100
87)	Chrysene	21.598	228	1405150	21.803	ng/ul	100
89)	Di-n-octyl phthalate	22.410	149	1460127	18.672	ng/ul	100
90)	Benzo(b)fluoranthene	23.322	252	1574276	20.775	ng/ul	100
91)	Benzo(k)fluoranthene	23.374	252	1557287	20.715	ng/ul	100
93)	Benzo(a)pyrene	23.992	252	1392040	21.674	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.780	276	1852845	25.720	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.798	278	1535491	25.516	ng/ul	100
96)	Benzo(g,h,i)perylene	27.610	276	1488484	25.952	ng/ul	100

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

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