Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014550.D
Acq On : 05 Apr 2023 04:47
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Apr 05 05:42:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 05 02:40:56 2023
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

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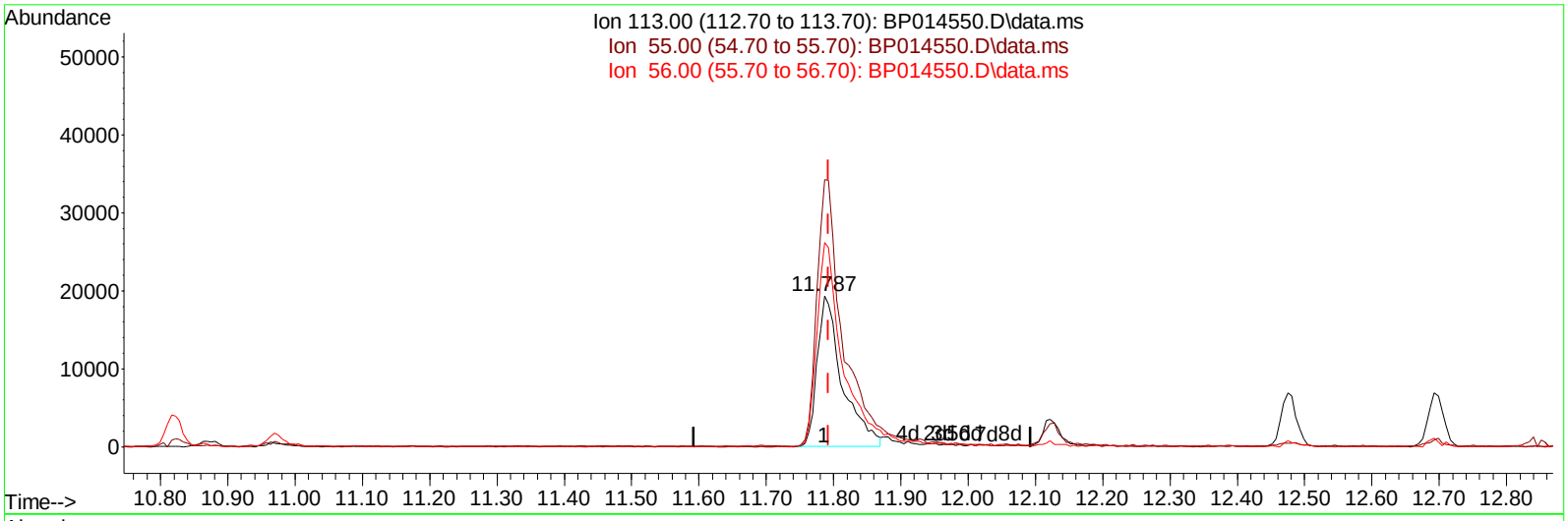
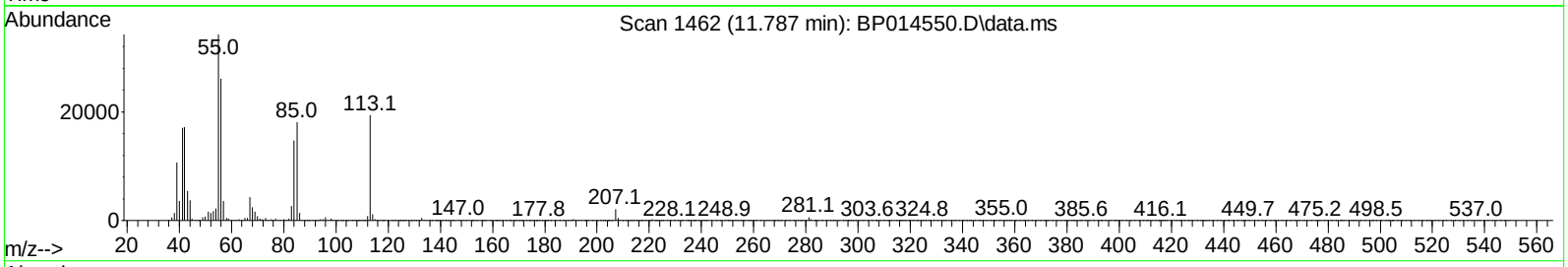
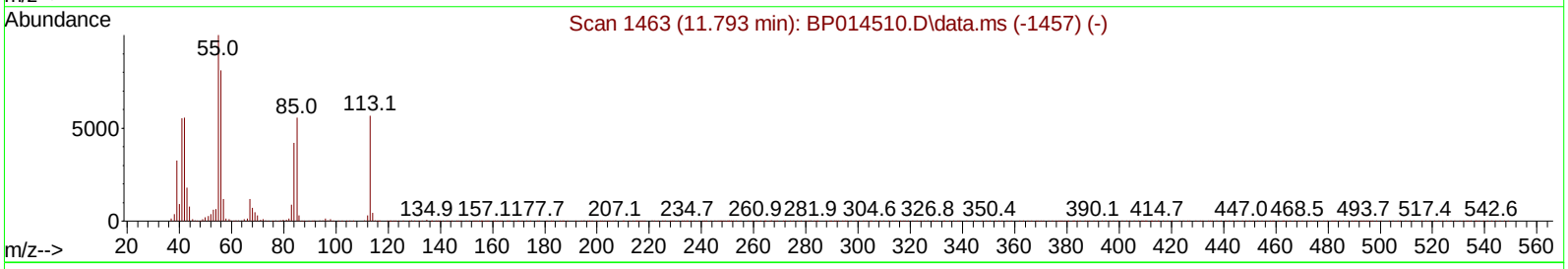
Supervised By :Jagrut Upadhyay 04/05/2023







TIC: BP014550.D\data.ms

(34) Caprolactam

11.787min (-0.006) 20.39 ng/ul

response 49906

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	177.08
56.00	126.40	135.37
0.00	0.00	0.00

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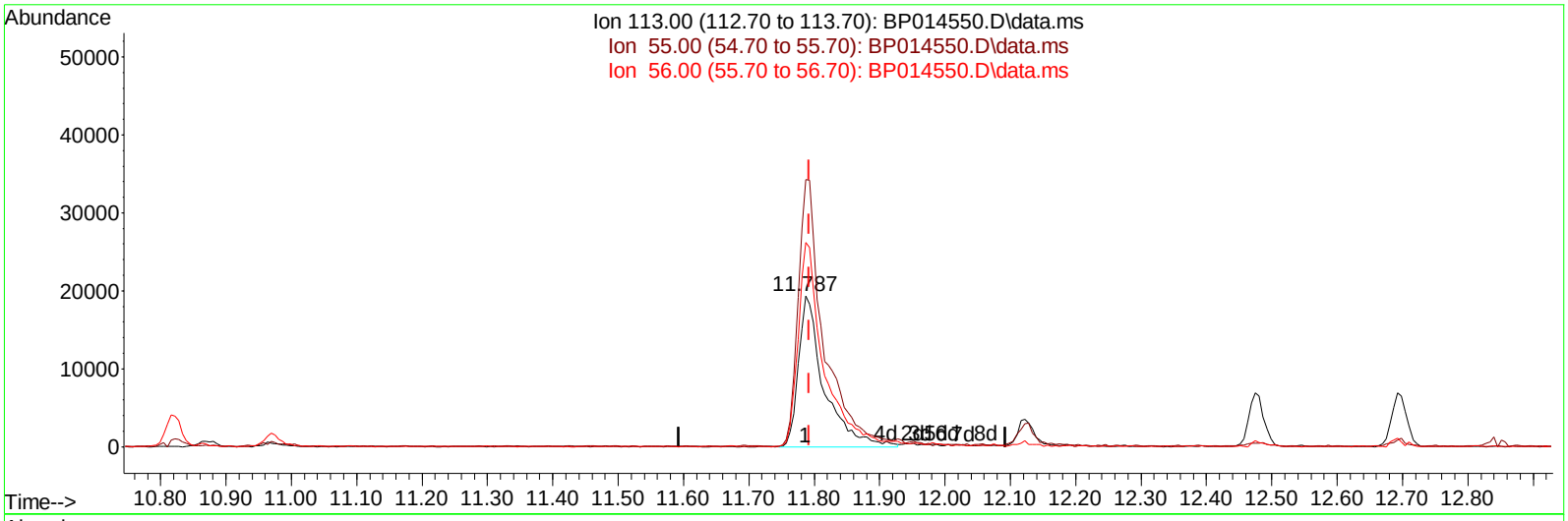

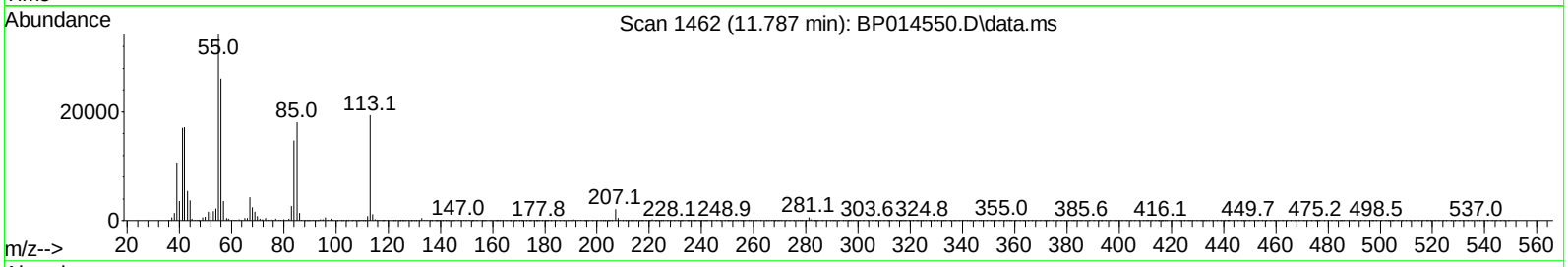

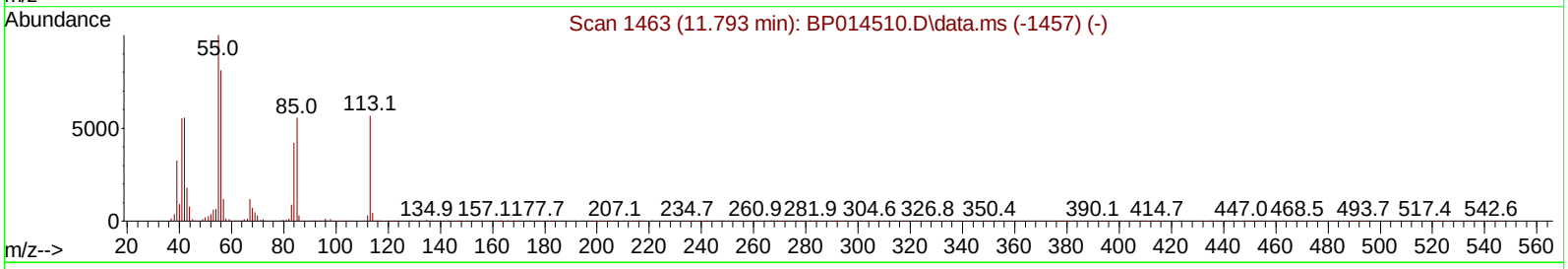

TIC: BP014550.D\data.ms

(34) Caprolactam

11.787min (-0.006) 21.42 ng/ul m

response 52431

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	177.08
56.00	126.40	135.37
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	7.999	152	123739	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	500132	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	309942	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.416	188	700090	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	758885	20.000	ng/ul	0.00
88) Perylene-d12	24.010	264	863660	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	27484	8.613	ng/uL	0.00
4) Pyridine-d5	3.811	84	190151	23.254	ng/ul	0.00
7) Phenol-d5	7.169	99	222263	19.477	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	146344	19.987	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	168263	20.400	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	173724	18.873	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	79789	19.762	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	90495	19.574	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	164529	19.541	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	213903	19.287	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	487100	19.383	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	561428	20.134	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	71284	18.776	ng/ul	0.00
60) Fluorene-d10	15.645	176	426903	20.370	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	79752	15.482	ng/ul	0.00
73) Anthracene-d10	17.516	188	678771	20.034	ng/ul	0.00
81) Pyrene-d10	19.739	212	849354	16.662	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	922461	20.103	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	29704	8.471	ng/uL	92
5) Pyridine	3.834	79	194370	22.714	ng/ul	98
6) Benzaldehyde	7.140	77	143278	25.259	ng/ul	98
8) Phenol	7.193	94	240020	20.275	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.416	93	183286	19.266	ng/ul	98
12) 2-Chlorophenol	7.563	128	174383	20.313	ng/ul	94
13) 2-Methylphenol	8.457	108	169642	19.215	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.522	45	249409	19.968	ng/ul	98
16) Acetophenone	8.834	105	286245	18.831	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.810	70	155306	18.913	ng/ul	93
18) 4-Methylphenol	8.787	108	185405	19.122	ng/ul	99
19) Hexachloroethane	9.081	117	75976	20.255	ng/ul	96
22) Nitrobenzene	9.222	77	235339	20.290	ng/ul	99
23) Isophorone	9.746	82	406648	19.019	ng/ul	99
25) 2-Nitrophenol	9.934	139	96228	19.720	ng/ul	99
26) 2,4-Dimethylphenol	9.993	107	218710	20.024	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.228	93	240656	18.774	ng/ul	98
29) 2,4-Dichlorophenol	10.475	162	165020	19.915	ng/ul	96
30) Naphthalene	10.869	128	557637	20.017	ng/ul	100
32) 4-Chloroaniline	10.993	127	222743	19.829	ng/ul	100
33) Hexachlorobutadiene	11.146	225	125162	19.066	ng/ul	97
34) Caprolactam	11.787	113	52431m	21.419	ng/ul	
35) 4-Chloro-3-methylphenol	12.122	107	196916	19.321	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.475	142	360621	19.101	ng/ul	99
37) 1-Methylnaphthalene	12.693	142	361656	19.315	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.845	216	217929	19.721	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	115974	16.206	ng/ul	98
41) 2,4,6-Trichlorophenol	13.093	196	134500	19.669	ng/ul	97
42) 2,4,5-Trichlorophenol	13.175	196	144632	19.867	ng/ul	97
43) 1,1'-Biphenyl	13.481	154	487260	19.459	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	392294	19.814	ng/ul	99
45) 2-Nitroaniline	13.745	65	134676	21.964	ng/ul	93
47) Dimethylphthalate	14.104	163	486634	19.367	ng/ul	99
48) 2,6-Dinitrotoluene	14.240	165	99760	20.321	ng/ul	99
50) Acenaphthylene	14.375	152	608198	20.480	ng/ul	100
51) 3-Nitroaniline	14.581	138	93129	21.175	ng/ul	98
52) Acenaphthene	14.716	153	423249	20.169	ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	52857	16.627	ng/ul	96
55) 4-Nitrophenol	14.904	109	68575	18.302	ng/ul	94
56) Dibenzofuran	15.051	168	593584	20.121	ng/ul	100
57) 2,4-Dinitrotoluene	15.028	165	151438	21.747	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.287	232	131257	20.061	ng/ul	99
59) Diethylphthalate	15.469	149	489544	19.606	ng/ul	100
61) Fluorene	15.704	166	480725	20.104	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	246605	19.196	ng/ul	99
63) 4-Nitroaniline	15.745	138	89194	24.961	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.792	198	77580	15.540	ng/ul	97
67) N-Nitrosodiphenylamine	15.910	169	410587	18.850	ng/ul	98
68) 4-Bromophenyl-phenylether	16.592	248	153299	17.597	ng/ul	97
69) Hexachlorobenzene	16.710	284	181752	18.163	ng/ul	96
70) Atrazine	16.869	200	152689	19.256	ng/ul	99
71) Pentachlorophenol	17.069	266	123068	21.229	ng/ul	98
72) Phenanthrene	17.457	178	779080	20.003	ng/ul	99
74) Anthracene	17.551	178	803554	20.470	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	219719	17.829	ng/uL	99
76) Pentachlorobenzene	14.969	250	214075	17.410	ng/uL	99
77) Carbazole	17.828	167	728392	22.173	ng/ul	99
78) Di-n-butylphthalate	18.351	149	815807	19.750	ng/ul	100
80) Fluoranthene	19.416	202	973032	16.145	ng/ul	98
82) Pyrene	19.769	202	1020514	16.218	ng/ul	99
83) Butylbenzylphthalate	20.627	149	402094	18.552	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.416	252	338285	20.156	ng/ul	99
85) Benzo(a)anthracene	21.480	228	1085063	20.177	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	564747	19.054	ng/ul	100
87) Chrysene	21.539	228	1026117	20.208	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	990129	17.666	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	1163489	19.947	ng/ul	98
91) Benzo(k)fluoranthene	23.286	252	1102252	19.457	ng/ul	99
93) Benzo(a)pyrene	23.898	252	1019316	20.302	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.639	276	1372554	19.871	ng/ul	100
95) Dibenzo(a,h)anthracene	26.651	278	1139227	19.699	ng/ul	99
96) Benzo(g,h,i)perylene	27.451	276	1104466	19.616	ng/ul	98

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

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