Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031623\
Data File : BP014111.D
Acq On : 16 Mar 2023 19:56
Operator : CG/JU
Sample : PB151450BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 17 01:01:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 17 00:57:25 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS450

Manual IntegrationsAPPROVED

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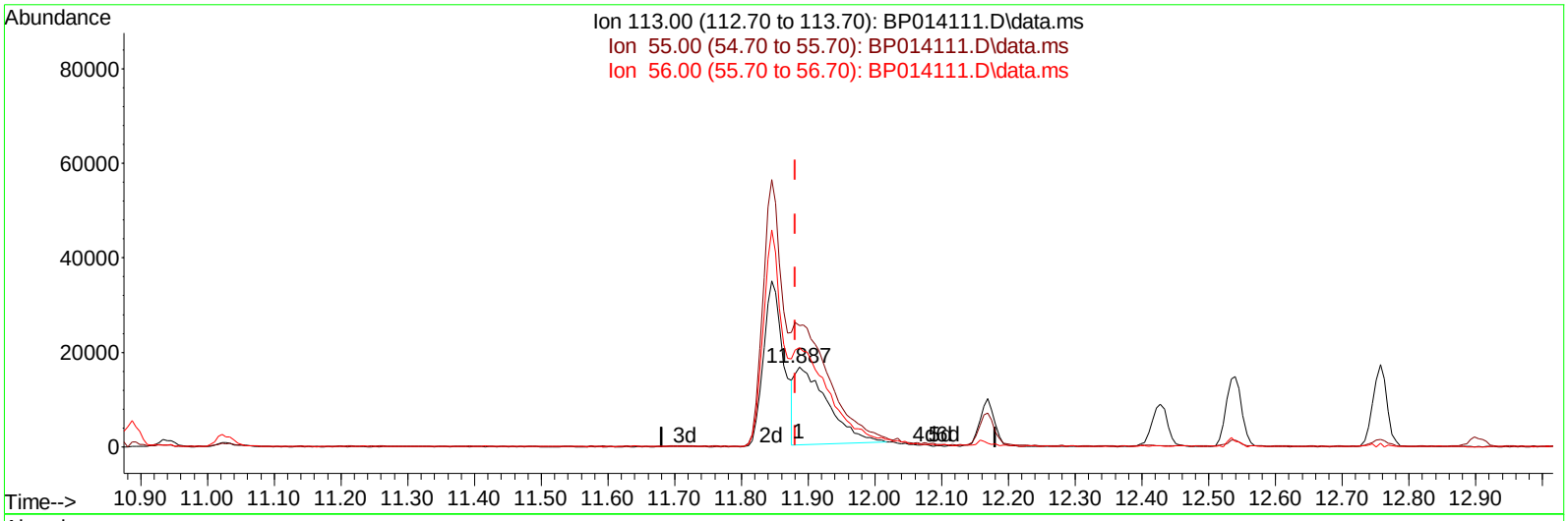
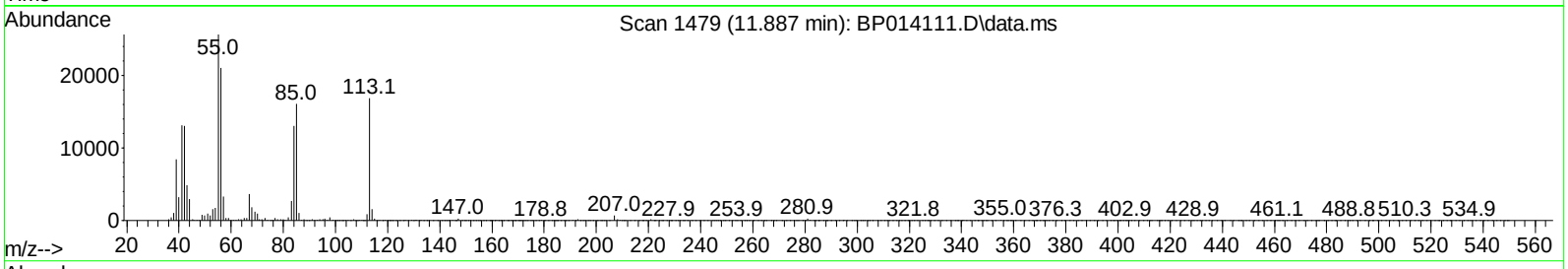
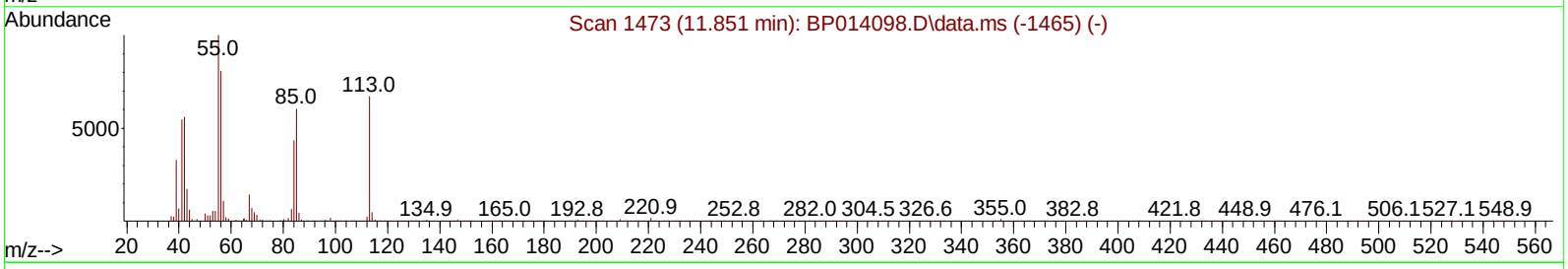
Supervised By :Jagrut Upadhyay 03/17/2023







TIC: BP014111.D\data.ms

(34) Caprolactam

11.887min (+ 0.006) 14.48 ng/ul

response 56713

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	152.43
56.00	127.50	125.12
0.00	0.00	0.00

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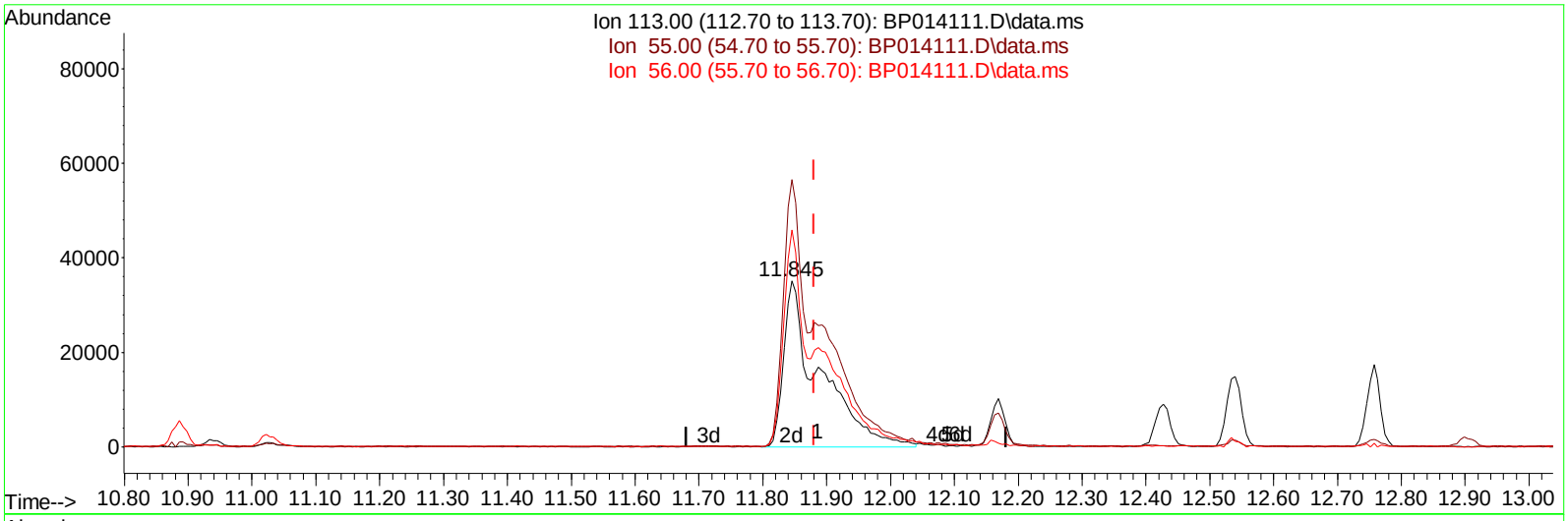

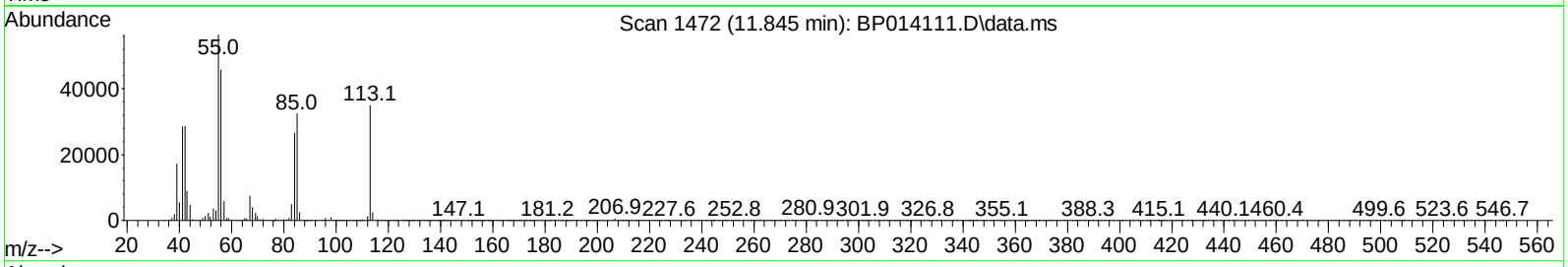

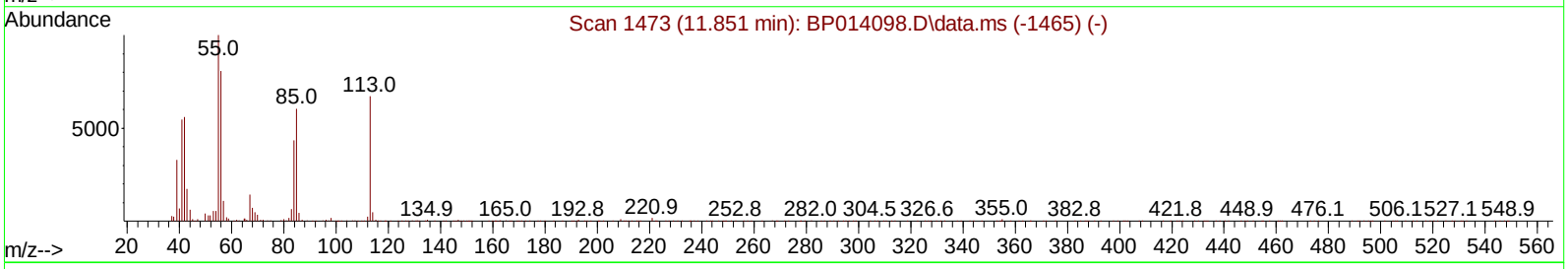

TIC: BP014111.D\data.ms

(34) Caprolactam

11.845min (-0.035) 35.11 ng/ul m

response 137549

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	161.02
56.00	127.50	130.74
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	8.063	152	160644	20.000	ng/ul		0.00
20) Naphthalene-d8	10.887	136	680609	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.704	164	470576	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.463	188	1077019	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.551	240	1099821	20.000	ng/ul		0.00
88) Perylene-d12	24.080	264	1132480	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.422	96	25952	6.104	ng/uL		0.00
4) Pyridine-d5	3.857	84	326517	27.736	ng/ul		0.00
7) Phenol-d5	7.222	99	503725	35.533	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	304606	36.843	ng/ul		0.00
11) 2-Chlorophenol-d4	7.593	132	370864	34.337	ng/ul		0.00
15) 4-Methylphenol-d8	8.781	113	406813	35.131	ng/ul		0.00
21) Nitrobenzene-d5	9.240	128	187188	34.469	ng/ul		0.00
24) 2-Nitrophenol-d4	9.963	143	222888	34.287	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.504	165	411579	33.649	ng/ul		0.00
31) 4-Chloroaniline-d4	11.028	131	357508	22.086	ng/ul		0.00
46) Dimethylphthalate-d6	14.110	166	1283992	32.151	ng/ul		0.00
49) Acenaphthylene-d8	14.404	160	1413308	33.407	ng/ul		0.00
54) 4-Nitrophenol-d4	14.910	143	239667	34.054	ng/ul		0.00
60) Fluorene-d10	15.698	176	1084449	32.040	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	263594	32.382	ng/ul		0.00
73) Anthracene-d10	17.563	188	1759666	33.656	ng/ul		0.00
81) Pyrene-d10	19.792	212	2159064	35.594	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.921	264	2120131	35.195	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	53355	11.624	ng/uL		92
5) Pyridine	3.875	79	336457	28.183	ng/ul		93
6) Benzaldehyde	7.199	77	266549	37.788	ng/ul		100
8) Phenol	7.246	94	513211	35.104	ng/ul		99
10) Bis(2-Chloroethyl)ether	7.481	93	393409	35.125	ng/ul		97
12) 2-Chlorophenol	7.628	128	371922	34.178	ng/ul		98
13) 2-Methylphenol	8.510	108	381446	35.089	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.598	45	483034	39.935	ng/ul		98
16) Acetophenone	8.898	105	635864	33.991	ng/ul		100
17) N-Nitroso-di-n-propyla...	8.881	70	342100	35.747	ng/ul		97
18) 4-Methylphenol	8.840	108	417386	34.907	ng/ul		98
19) Hexachloroethane	9.151	117	159588	33.484	ng/ul		95
22) Nitrobenzene	9.281	77	498933	34.346	ng/ul		99
23) Isophorone	9.810	82	961223	34.360	ng/ul		97
25) 2-Nitrophenol	9.998	139	226865	33.861	ng/ul		96
26) 2,4-Dimethylphenol	10.051	107	481193	32.813	ng/ul		99
27) Bis(2-Chloroethoxy)met...	10.287	93	554877	34.291	ng/ul		99
29) 2,4-Dichlorophenol	10.534	162	393476	32.611	ng/ul		96
30) Naphthalene	10.939	128	1227951	32.855	ng/ul		99
32) 4-Chloroaniline	11.051	127	382933	23.509	ng/ul		98
33) Hexachlorobutadiene	11.216	225	285462	29.732	ng/ul		98
34) Caprolactam	11.845	113	137549m	35.110	ng/ul		
35) 4-Chloro-3-methylphenol	12.169	107	481295	34.496	ng/ul		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.539	142	864129	32.964	ng/ul	99
37) 1-Methylnaphthalene	12.757	142	873823	33.164	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.904	216	524324	30.812	ng/ul	98
40) Hexachlorocyclopentadiene	12.881	237	325675	26.727	ng/ul	100
41) 2,4,6-Trichlorophenol	13.145	196	347721	32.528	ng/ul	99
42) 2,4,5-Trichlorophenol	13.216	196	383659	32.703	ng/ul	99
43) 1,1'-Biphenyl	13.539	154	1186079	32.738	ng/ul	98
44) 2-Chloronaphthalene	13.586	162	946235	32.885	ng/ul	98
45) 2-Nitroaniline	13.792	65	323425	38.004	ng/ul	95
47) Dimethylphthalate	14.157	163	1266519	32.039	ng/ul	100
48) 2,6-Dinitrotoluene	14.286	165	268258	34.325	ng/ul	95
50) Acenaphthylene	14.433	152	1481935	33.378	ng/ul	100
51) 3-Nitroaniline	14.616	138	253389	36.618	ng/ul	93
52) Acenaphthene	14.769	153	1027257	33.096	ng/ul	100
53) 2,4-Dinitrophenol	14.822	184	180121	30.862	ng/ul	96
55) 4-Nitrophenol	14.928	109	230171	30.277	ng/ul	89
56) Dibenzofuran	15.104	168	1440688	31.906	ng/ul	100
57) 2,4-Dinitrotoluene	15.069	165	389418	33.350	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.333	232	357339	31.838	ng/ul	98
59) Diethylphthalate	15.522	149	1296170	32.328	ng/ul	100
61) Fluorene	15.757	166	1190939	31.818	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.745	204	632999	30.641	ng/ul	98
63) 4-Nitroaniline	15.786	138	279672	39.319	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.839	198	256162	32.985	ng/ul	100
67) N-Nitrosodiphenylamine	15.963	169	1040765	34.215	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	415184	31.888	ng/ul	98
69) Hexachlorobenzene	16.763	284	480087	31.290	ng/ul	97
70) Atrazine	16.916	200	295348	22.512	ng/ul	99
71) Pentachlorophenol	17.110	266	310505	30.960	ng/ul	99
72) Phenanthrene	17.510	178	1960078	33.367	ng/ul	100
74) Anthracene	17.598	178	1993082	33.462	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.510	216	539985	32.669	ng/uL	100
76) Pentachlorobenzene	15.022	250	549929	32.029	ng/uL	100
77) Carbazole	17.869	167	1813420	34.517	ng/ul	99
78) Di-n-butylphthalate	18.398	149	2307584	35.145	ng/ul	99
80) Fluoranthene	19.463	202	2481219	35.887	ng/ul#	96
82) Pyrene	19.815	202	2557038	35.453	ng/ul#	95
83) Butylbenzylphthalate	20.674	149	1114011	38.306	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	806014	28.628	ng/ul	98
85) Benzo(a)anthracene	21.533	228	2641545	34.147	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	1633307	37.565	ng/ul	100
87) Chrysene	21.586	228	2478684	33.621	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	2847877	39.854	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2658477	35.229	ng/ul	99
91) Benzo(k)fluoranthene	23.356	252	2618079	36.384	ng/ul	99
93) Benzo(a)pyrene	23.974	252	2268527	34.562	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.756	276	2610239	30.041	ng/ul	98
95) Dibenzo(a,h)anthracene	26.768	278	2199429	30.456	ng/ul	97
96) Benzo(g,h,i)perylene	27.580	276	2037064	29.331	ng/ul	98

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

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