Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041223\
Data File : BP014668.D
Acq On : 12 Apr 2023 11:23
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 13 00:48:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 11 01:21:43 2023
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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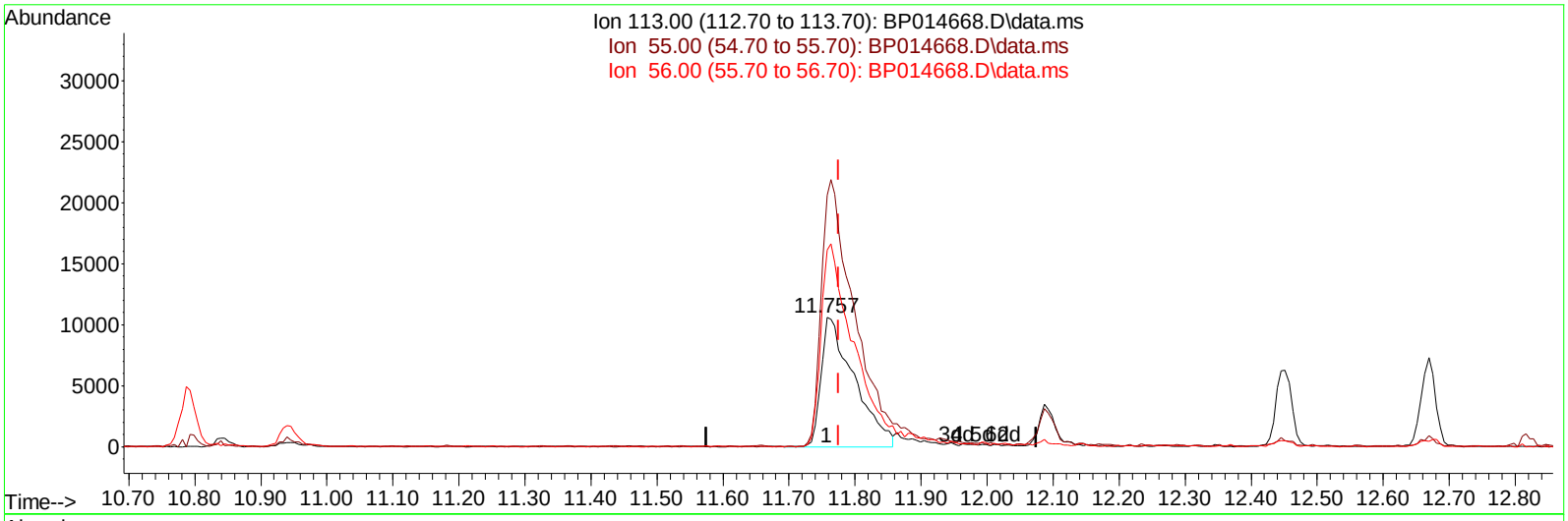
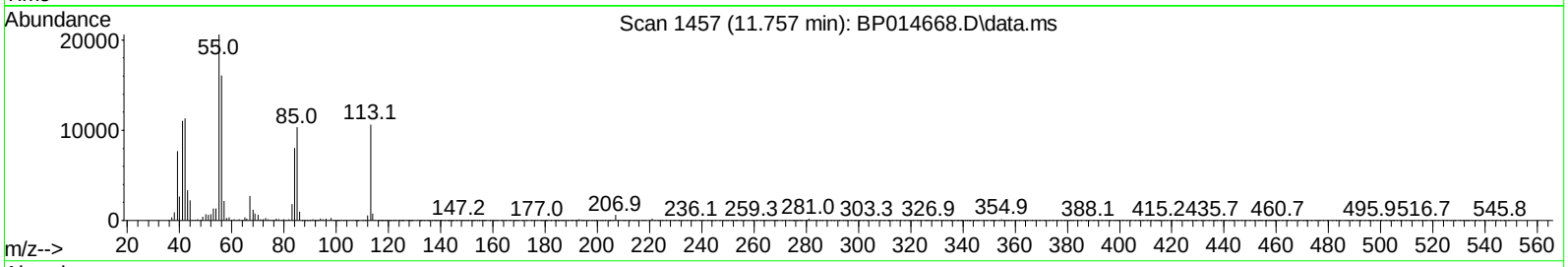
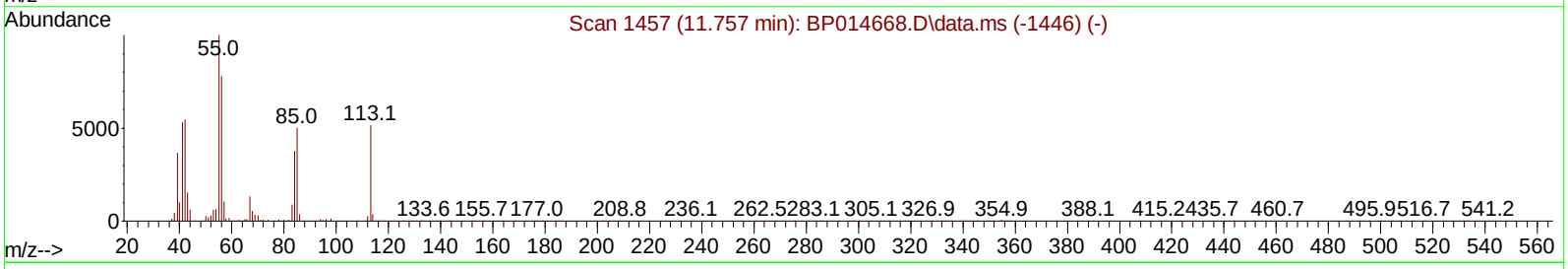
Supervised By :Jagrut Upadhyay 04/13/2023







TIC: BP014668.D\data.ms

(34) Caprolactam

11.757min (-0.018) 16.34 ng/ul

response 36840

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	194.01
56.00	126.40	151.56
0.00	0.00	0.00

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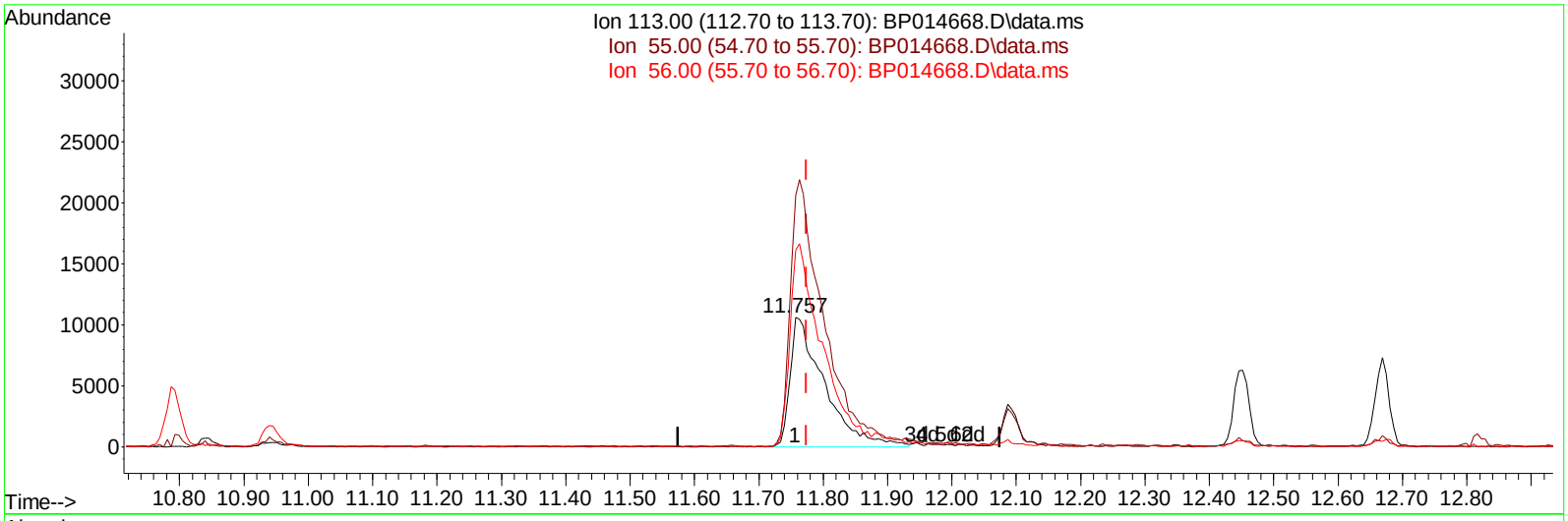

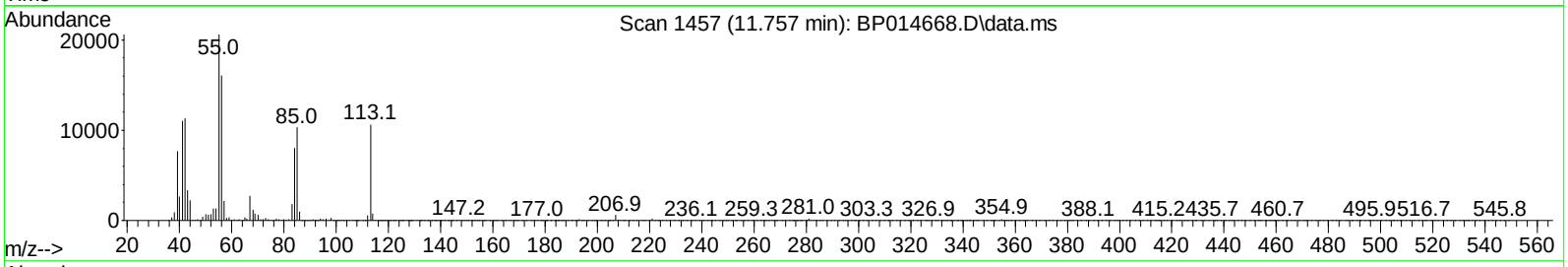

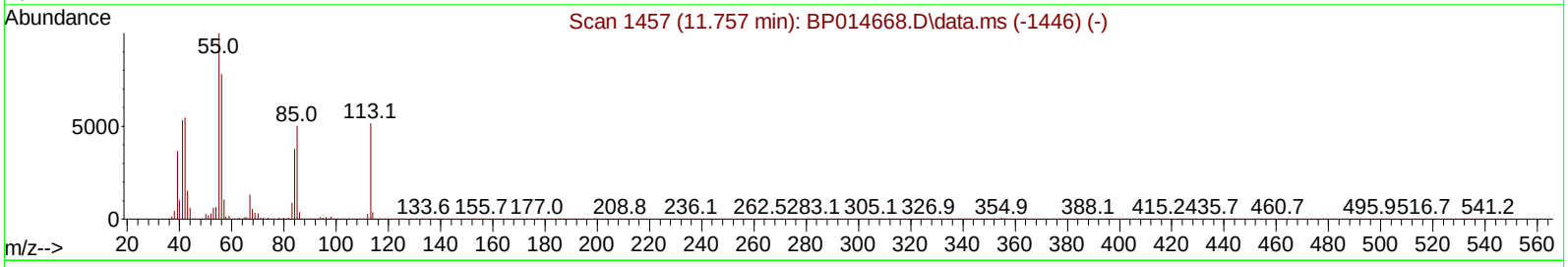

TIC: BP014668.D\data.ms

(34) Caprolactam

11.757min (-0.018) 17.42 ng/ul m

response 39269

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	194.01
56.00	126.40	151.56
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	7.969	152	111770	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	460691	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	271414	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	522536	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	494864	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	581491	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	26895	9.331	ng/uL	0.00
4) Pyridine-d5	3.787	84	172697	23.381	ng/ul	0.00
7) Phenol-d5	7.140	99	203392	19.732	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	149281	22.572	ng/ul	0.00
11) 2-Chlorophenol-d4	7.505	132	160315	21.518	ng/ul	0.00
15) 4-Methylphenol-d8	8.693	113	166274	19.997	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	78346	21.066	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	86597	20.335	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	152898	19.714	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	191945	18.789	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	421173	19.138	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	485696	19.890	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	51063	15.359	ng/ul	0.00
60) Fluorene-d10	15.622	176	350317	19.089	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	68040	17.696	ng/ul	0.00
73) Anthracene-d10	17.486	188	500507	19.792	ng/ul	0.00
81) Pyrene-d10	19.722	212	543156	16.340	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	622876	20.162	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	30451	9.614	ng/uL	88
5) Pyridine	3.811	79	181318	23.458	ng/ul#	92
6) Benzaldehyde	7.116	77	138166	26.966	ng/ul	98
8) Phenol	7.163	94	217677	20.357	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.393	93	180104	20.959	ng/ul	94
12) 2-Chlorophenol	7.534	128	164728	21.243	ng/ul	91
13) 2-Methylphenol	8.422	108	156363	19.608	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.499	45	271786	24.089	ng/ul	98
16) Acetophenone	8.810	105	282639	20.585	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.787	70	164822	22.221	ng/ul#	89
18) 4-Methylphenol	8.757	108	171896	19.628	ng/ul	98
19) Hexachloroethane	9.052	117	78896	23.286	ng/ul	88
22) Nitrobenzene	9.193	77	243286	22.771	ng/ul	97
23) Isophorone	9.716	82	407253	20.679	ng/ul	98
25) 2-Nitrophenol	9.904	139	91068	20.260	ng/ul	88
26) 2,4-Dimethylphenol	9.963	107	217899	21.658	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.199	93	234238	19.838	ng/ul	98
29) 2,4-Dichlorophenol	10.446	162	148383	19.441	ng/ul	94
30) Naphthalene	10.840	128	516787	20.139	ng/ul	99
32) 4-Chloroaniline	10.963	127	192758	18.629	ng/ul	98
33) Hexachlorobutadiene	11.116	225	118688	19.628	ng/ul	98
34) Caprolactam	11.757	113	39269m	17.415	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	169936	18.101	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.451	142	331433	19.058	ng/ul	99
37)	1-Methylnaphthalene	12.669	142	332009	19.250	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.816	216	190364	19.672	ng/ul	97
40)	Hexachlorocyclopentadiene	12.787	237	114290	18.238	ng/ul	97
41)	2,4,6-Trichlorophenol	13.063	196	115932	19.360	ng/ul	98
42)	2,4,5-Trichlorophenol	13.140	196	120460	18.896	ng/ul	99
43)	1,1'-Biphenyl	13.457	154	447364	20.402	ng/ul	98
44)	2-Chloronaphthalene	13.504	162	351640	20.282	ng/ul	98
45)	2-Nitroaniline	13.722	65	116060	21.615	ng/ul	91
47)	Dimethylphthalate	14.081	163	419858	19.081	ng/ul	98
48)	2,6-Dinitrotoluene	14.210	165	81782	19.024	ng/ul	91
50)	Acenaphthylene	14.351	152	530095	20.384	ng/ul	100
51)	3-Nitroaniline	14.551	138	70344	18.265	ng/ul	96
52)	Acenaphthene	14.692	153	368300	20.041	ng/ul	99
53)	2,4-Dinitrophenol	14.763	184	57210	20.551	ng/ul#	77
55)	4-Nitrophenol	14.869	109	56594	17.248	ng/ul	93
56)	Dibenzofuran	15.028	168	501967	19.431	ng/ul	97
57)	2,4-Dinitrotoluene	15.004	165	118060	19.361	ng/ul#	83
58)	2,3,4,6-Tetrachlorophenol	15.257	232	102702	17.925	ng/ul	94
59)	Diethylphthalate	15.445	149	422111	19.305	ng/ul	99
61)	Fluorene	15.675	166	402639	19.229	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.669	204	210224	18.687	ng/ul	99
63)	4-Nitroaniline	15.722	138	55931	17.874	ng/ul	87
66)	4,6-Dinitro-2-methylph...	15.769	198	65860	17.675	ng/ul#	89
67)	N-Nitrosodiphenylamine	15.886	169	334133	20.552	ng/ul	99
68)	4-Bromophenyl-phenylether	16.569	248	124960	19.218	ng/ul	96
69)	Hexachlorobenzene	16.686	284	142985	19.144	ng/ul	95
70)	Atrazine	16.845	200	118259	19.982	ng/ul	98
71)	Pentachlorophenol	17.039	266	73830	17.063	ng/ul	96
72)	Phenanthrene	17.433	178	577620	19.869	ng/ul	99
74)	Anthracene	17.522	178	583906	19.929	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.422	216	194669	21.164	ng/uL	99
76)	Pentachlorobenzene	14.945	250	184885	20.145	ng/uL	98
77)	Carbazole	17.804	167	483221	19.708	ng/ul	100
78)	Di-n-butylphthalate	18.328	149	649559	21.069	ng/ul	99
80)	Fluoranthene	19.392	202	638134	16.237	ng/ul	97
82)	Pyrene	19.751	202	665052	16.208	ng/ul	98
83)	Butylbenzylphthalate	20.610	149	274391	19.414	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.392	252	215683	19.707	ng/ul	98
85)	Benzo(a)anthracene	21.463	228	699207	19.939	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.363	149	412571	21.347	ng/ul	98
87)	Chrysene	21.516	228	671978	20.294	ng/ul	100
89)	Di-n-octyl phthalate	22.316	149	725530	19.227	ng/ul	100
90)	Benzo(b)fluoranthene	23.210	252	749102	19.074	ng/ul	99
91)	Benzo(k)fluoranthene	23.263	252	766132	20.086	ng/ul	99
93)	Benzo(a)pyrene	23.868	252	680599	20.134	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.598	276	937279	20.153	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.609	278	772488	19.839	ng/ul	97
96)	Benzo(g,h,i)perylene	27.404	276	763862	20.150	ng/ul	96

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

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