Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040523\
Data File : BP014566.D
Acq On : 05 Apr 2023 19:59
Operator : CG/JU
Sample : PB151827BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 06 00:59:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 00:55:13 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS827

Manual IntegrationsAPPROVED

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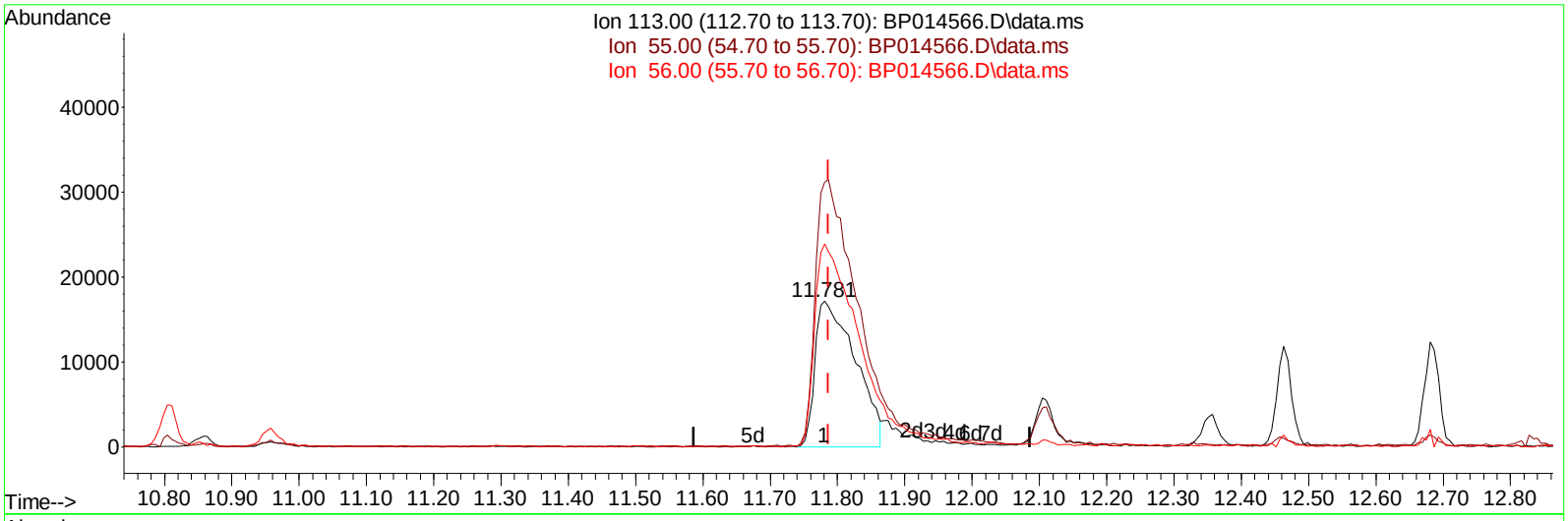
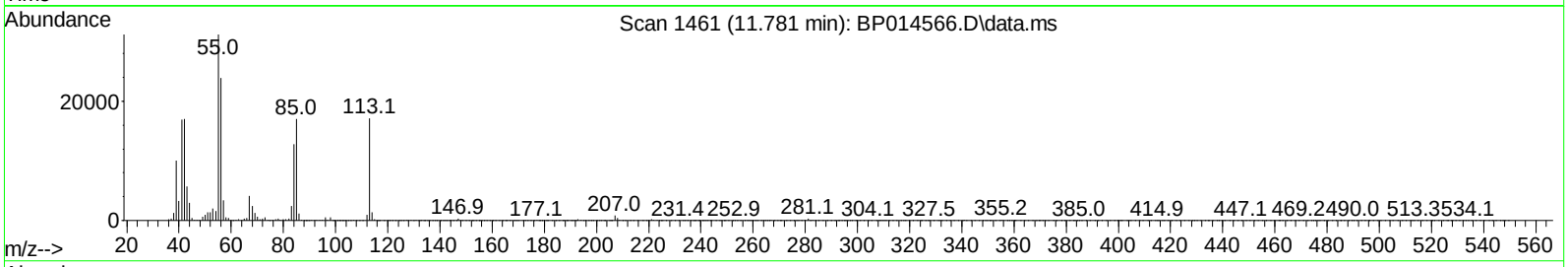
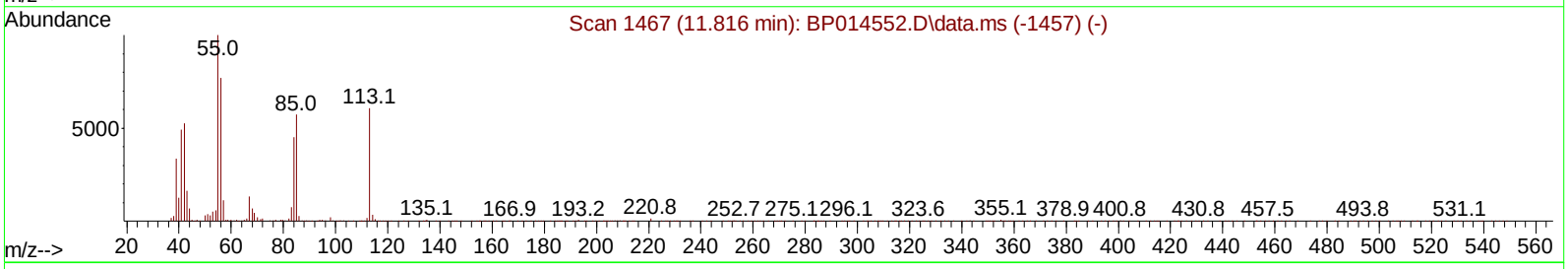
Supervised By :Jagrut Upadhyay 04/06/2023







TIC: BP014566.D\data.ms

(34) Caprolactam

11.781min (-0.006) 26.85 ng/ul

response 71247

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	182.06
56.00	126.40	139.37
0.00	0.00	0.00

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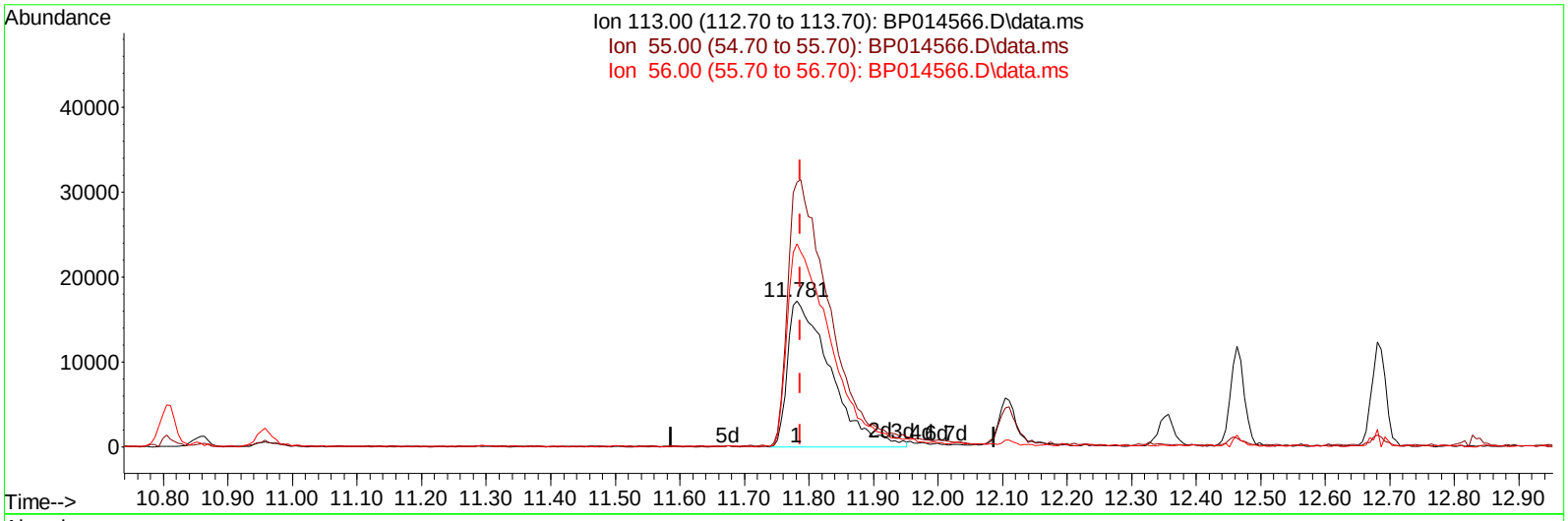

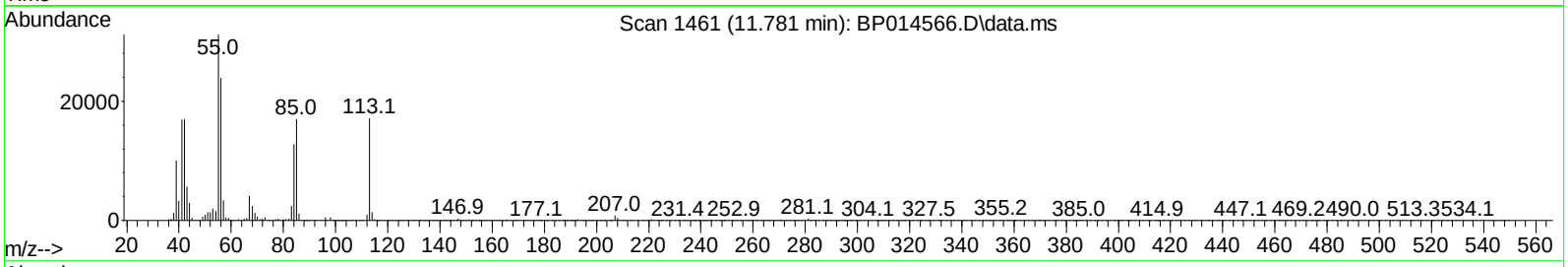

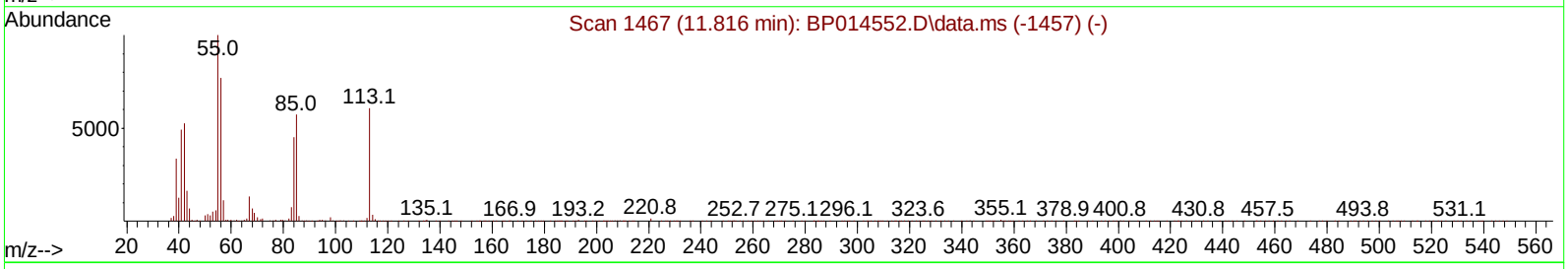

TIC: BP014566.D\data.ms

(34) Caprolactam

11.781min (-0.006) 29.68 ng/ul m

response 78771

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	182.06
56.00	126.40	139.37
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	7.987	152	125048	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	542162	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	336825	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	696599	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	617076	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	686051	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	20254	6.281	ng/uL	0.00
4) Pyridine-d5	3.799	84	235955	28.554	ng/ul	0.00
7) Phenol-d5	7.158	99	352146	30.535	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.311	67	239216	32.329	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	265282	31.826	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	289103	31.078	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	135395	30.935	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	153180	30.564	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	283935	31.108	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	278707	23.182	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	853779	31.262	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	960263	31.688	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	116769	28.302	ng/ul	0.00
60) Fluorene-d10	15.634	176	703907	30.907	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	144710	28.232	ng/ul	0.00
73) Anthracene-d10	17.498	188	1045969	31.026	ng/ul	0.00
81) Pyrene-d10	19.727	212	1191696	28.751	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	1171788	32.148	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	42860	12.095	ng/uL	98
5) Pyridine	3.817	79	251724	29.109	ng/ul	99
6) Benzaldehyde	7.128	77	127727	22.282	ng/ul	96
8) Phenol	7.181	94	366387	30.626	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.405	93	300848	31.293	ng/ul	97
12) 2-Chlorophenol	7.552	128	272055	31.359	ng/ul	97
13) 2-Methylphenol	8.440	108	274158	30.729	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.516	45	424478	33.628	ng/ul	99
16) Acetophenone	8.822	105	468325	30.488	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.805	70	268789	32.390	ng/ul	96
18) 4-Methylphenol	8.775	108	299519	30.568	ng/ul	96
19) Hexachloroethane	9.069	117	125646	33.146	ng/ul	93
22) Nitrobenzene	9.205	77	391566	31.142	ng/ul	98
23) Isophorone	9.734	82	718980	31.021	ng/ul	99
25) 2-Nitrophenol	9.922	139	158897	30.038	ng/ul	97
26) 2,4-Dimethylphenol	9.981	107	354947	29.978	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.216	93	410869	29.568	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	273601	30.459	ng/ul	95
30) Naphthalene	10.857	128	916614	30.352	ng/ul	99
32) 4-Chloroaniline	10.981	127	251457	20.650	ng/ul	99
33) Hexachlorobutadiene	11.128	225	206595	29.031	ng/ul	97
34) Caprolactam	11.781	113	78771m	29.684	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	329211	29.797	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.463	142	604217	29.523	ng/ul	98
37) 1-Methylnaphthalene	12.681	142	627955	30.938	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.828	216	362160	30.157	ng/ul	97
40) Hexachlorocyclopentadiene	12.798	237	214443	27.574	ng/ul	98
41) 2,4,6-Trichlorophenol	13.075	196	219871	29.587	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	243945	30.835	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	855310	31.431	ng/ul	98
44) 2-Chloronaphthalene	13.516	162	674958	31.369	ng/ul	99
45) 2-Nitroaniline	13.734	65	222629	33.411	ng/ul	96
47) Dimethylphthalate	14.092	163	837217	30.660	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	172636	32.360	ng/ul	93
50) Acenaphthylene	14.363	152	1010592	31.314	ng/ul	99
51) 3-Nitroaniline	14.563	138	133876	28.011	ng/ul	95
52) Acenaphthene	14.704	153	703916	30.866	ng/ul	99
53) 2,4-Dinitrophenol	14.775	184	80171	23.206	ng/ul	92
55) 4-Nitrophenol	14.881	109	117445	28.843	ng/ul	100
56) Dibenzofuran	15.040	168	974191	30.387	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	244509	32.310	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.269	232	210592	29.617	ng/ul#	98
59) Diethylphthalate	15.457	149	835825	30.802	ng/ul	99
61) Fluorene	15.692	166	798481	30.728	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	418512	29.977	ng/ul	100
63) 4-Nitroaniline	15.734	138	125363	32.283	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.781	198	139945	28.173	ng/ul	98
67) N-Nitrosodiphenylamine	15.898	169	668492	30.844	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	263964	30.452	ng/ul	98
69) Hexachlorobenzene	16.698	284	304727	30.605	ng/ul	99
70) Atrazine	16.857	200	115827	14.681	ng/ul	99
71) Pentachlorophenol	17.051	266	146742	25.440	ng/ul	98
72) Phenanthrene	17.445	178	1217719	31.421	ng/ul	100
74) Anthracene	17.539	178	1221300	31.267	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.440	216	373212	30.437	ng/uL	97
76) Pentachlorobenzene	14.957	250	367237	30.015	ng/uL	100
77) Carbazole	17.810	167	1022555	31.283	ng/ul	100
78) Di-n-butylphthalate	18.339	149	1347455	32.784	ng/ul	100
80) Fluoranthene	19.404	202	1379051	28.140	ng/ul	99
82) Pyrene	19.757	202	1423594	27.823	ng/ul	99
83) Butylbenzylphthalate	20.616	149	582166	33.032	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	412185	30.203	ng/ul	100
85) Benzo(a)anthracene	21.469	228	1374077	31.423	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.369	149	850562	35.293	ng/ul	99
87) Chrysene	21.527	228	1325896	32.113	ng/ul	99
89) Di-n-octyl phthalate	22.321	149	1456511	32.715	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1422452	30.700	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	1425834	31.684	ng/ul	100
93) Benzo(a)pyrene	23.880	252	1259008	31.568	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.615	276	1718535	31.320	ng/ul	99
95) Dibenzo(a,h)anthracene	26.633	278	1438255	31.307	ng/ul	99
96) Benzo(g,h,i)perylene	27.421	276	1435201	32.089	ng/ul	98

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

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