Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051623\
Data File : BP015115.D
Acq On : 16 May 2023 18:34
Operator : CG/JU
Sample : PB152799BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 17 00:36:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 16 01:39:21 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS799

Manual IntegrationsAPPROVED

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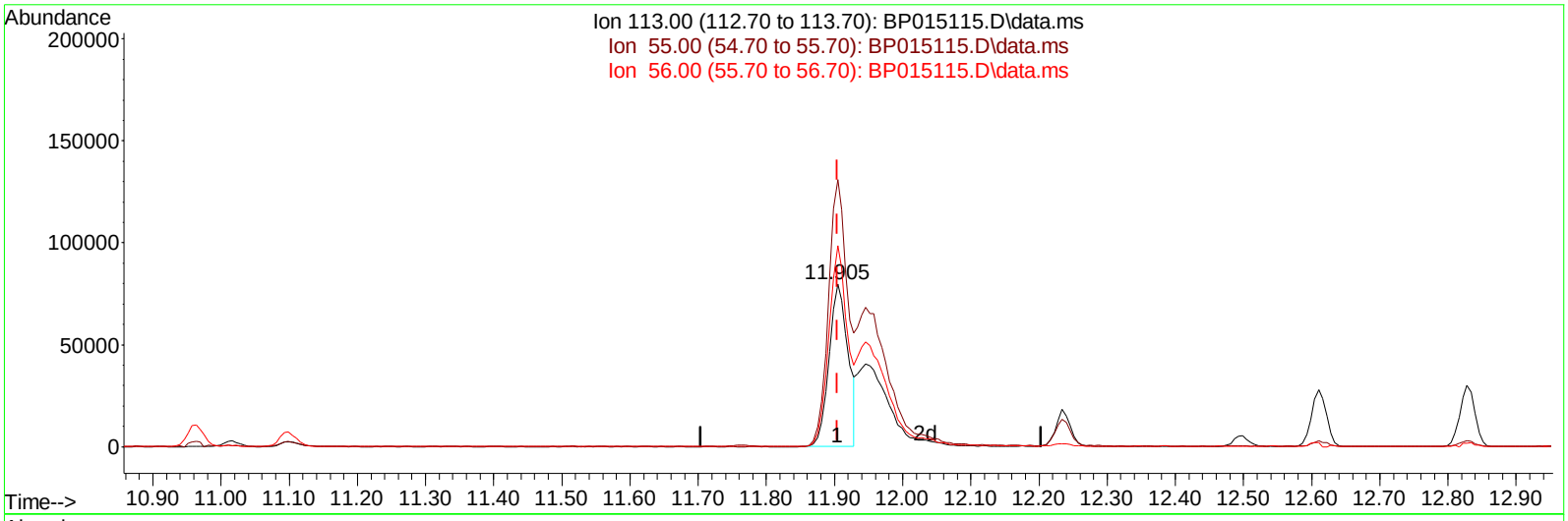
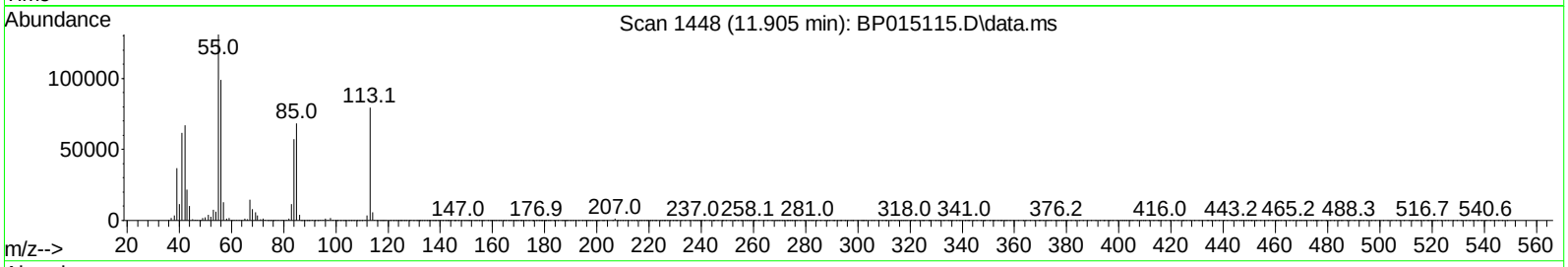
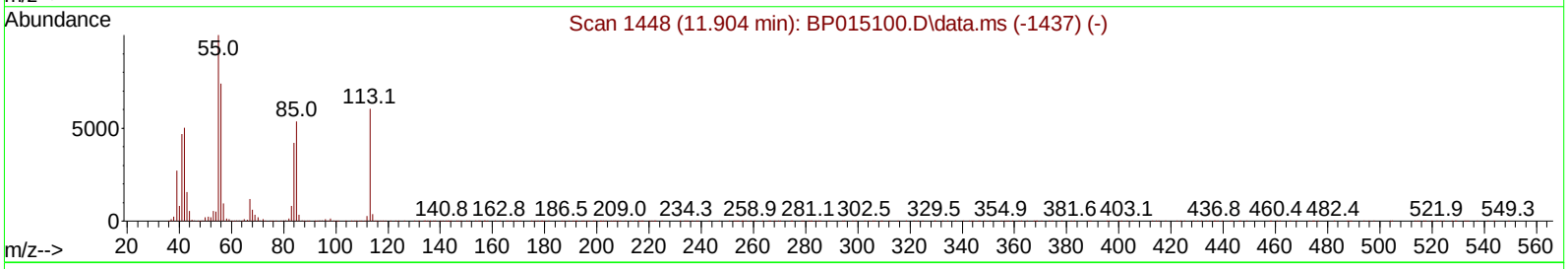
Supervised By :Jagrut Upadhyay 05/17/2023







TIC: BP015115.D\data.ms

(34) Caprolactam

11.905min (+ 0.000) 16.63 ng/ul

response 155224

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	164.33
56.00	112.80	123.97
0.00	0.00	0.00

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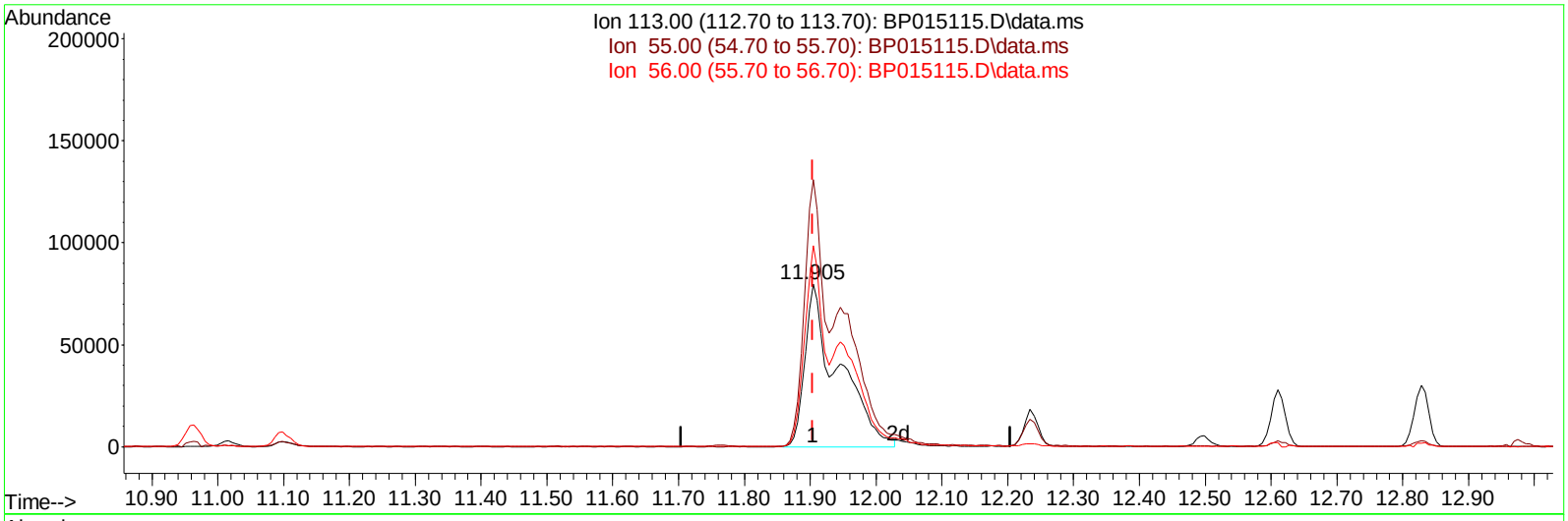

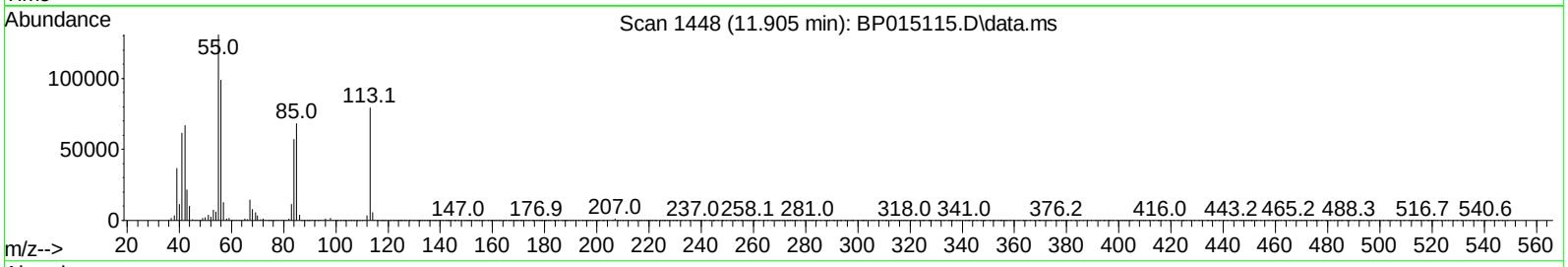

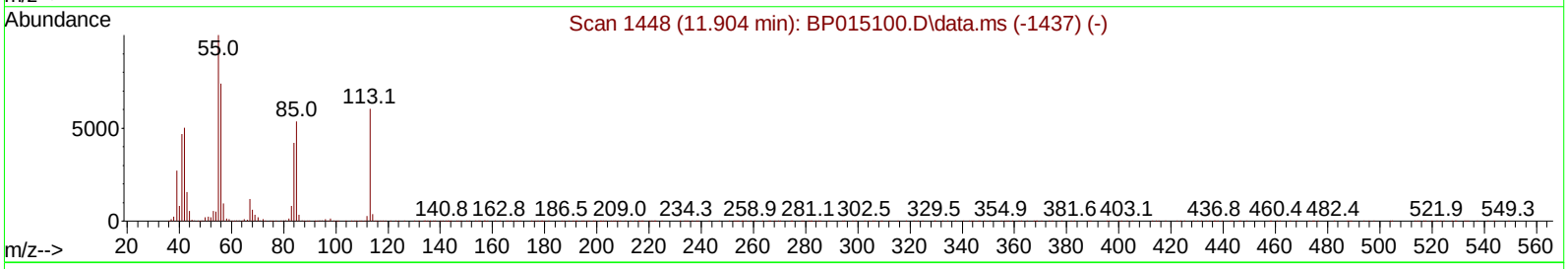

TIC: BP015115.D\data.ms

(34) Caprolactam

11.905min (+ 0.000) 30.14 ng/ul m

response 281281

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	164.33
56.00	112.80	123.97
0.00	0.00	0.00

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Operator : CG/JU
Sample : PB152799BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 17 01:10:08 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 16 01:39:21 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	341350	20.000	ng/ul	0.00
20) Naphthalene-d8	10.963	136	1553256	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.775	164	955045	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.528	188	2028957	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1718508	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1653121	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	53267	6.063	ng/uL	0.00
4) Pyridine-d5	3.870	84	773205	31.049	ng/ul	0.00
7) Phenol-d5	7.281	99	1073436	33.869	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	650986	35.564	ng/ul	0.00
11) 2-Chlorophenol-d4	7.658	132	826023	35.447	ng/ul	0.00
15) 4-Methylphenol-d8	8.846	113	883188	34.971	ng/ul	0.00
21) Nitrobenzene-d5	9.311	128	421405	34.526	ng/ul	0.00
24) 2-Nitrophenol-d4	10.040	143	462196	34.033	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.581	165	834687	34.060	ng/ul	0.00
31) 4-Chloroaniline-d4	11.099	131	1176482	32.447	ng/ul	0.00
46) Dimethylphthalate-d6	14.175	166	2553911	35.388	ng/ul	0.00
49) Acenaphthylene-d8	14.469	160	2927612	35.469	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	516853	36.882	ng/ul	0.00
60) Fluorene-d10	15.763	176	2117846	34.778	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.887	200	449214	35.132	ng/ul	0.00
73) Anthracene-d10	17.628	188	3280155	35.306	ng/ul	0.00
81) Pyrene-d10	19.845	212	3691806	37.040	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	3034112	36.973	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	108392	11.482	ng/uL	95
5) Pyridine	3.893	79	758935	29.303	ng/ul	99
6) Benzaldehyde	7.264	77	548354	62.948	ng/ul	97
8) Phenol	7.311	94	1090639	33.559	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.546	93	855394	32.898	ng/ul	99
12) 2-Chlorophenol	7.687	128	811822	32.936	ng/ul	99
13) 2-Methylphenol	8.575	108	814038	32.409	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.669	45	1100820	33.792	ng/ul	100
16) Acetophenone	8.969	105	1311029	33.262	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.952	70	673246	32.568	ng/ul	98
18) 4-Methylphenol	8.911	108	907269	32.817	ng/ul	100
19) Hexachloroethane	9.228	117	323851	32.178	ng/ul	98
22) Nitrobenzene	9.352	77	992825	32.935	ng/ul	100
23) Isophorone	9.881	82	1939331	31.299	ng/ul	99
25) 2-Nitrophenol	10.069	139	480040	32.234	ng/ul	99
26) 2,4-Dimethylphenol	10.122	107	930715	31.318	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.363	93	1206395	32.000	ng/ul	99
29) 2,4-Dichlorophenol	10.605	162	797047	32.199	ng/ul	99
30) Naphthalene	11.016	128	2697558	31.945	ng/ul	100
32) 4-Chloroaniline	11.122	127	972697	26.101	ng/ul	100
33) Hexachlorobutadiene	11.299	225	460565	30.871	ng/ul	98
34) Caprolactam	11.905	113	281281m	30.140	ng/ul	
35) 4-Chloro-3-methylphenol	12.234	107	906854	32.445	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.610	142	1818147	31.955	ng/ul	99
37) 1-Methylnaphthalene	12.828	142	1858954	32.534	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.975	216	928484	32.506	ng/ul	99
40) Hexachlorocyclopentadiene	12.951	237	513571	27.751	ng/ul	99
41) 2,4,6-Trichlorophenol	13.210	196	615042	30.494	ng/ul	100
42) 2,4,5-Trichlorophenol	13.281	196	692186	31.652	ng/ul	99
43) 1,1'-Biphenyl	13.610	154	2429140	32.782	ng/ul	99
44) 2-Chloronaphthalene	13.657	162	1892112	32.697	ng/ul	99
45) 2-Nitroaniline	13.857	65	583231	35.225	ng/ul	97
47) Dimethylphthalate	14.222	163	2441597	32.486	ng/ul	99
48) 2,6-Dinitrotoluene	14.351	165	499781	33.564	ng/ul	97
50) Acenaphthylene	14.498	152	3006190	32.642	ng/ul	100
51) 3-Nitroaniline	14.681	138	533732	39.807	ng/ul	99
52) Acenaphthene	14.840	153	2069422	32.900	ng/ul	99
53) 2,4-Dinitrophenol	14.887	184	295575	29.897	ng/ul	99
55) 4-Nitrophenol	14.981	109	356359	34.574	ng/ul	99
56) Dibenzofuran	15.169	168	2852148	32.600	ng/ul	99
57) 2,4-Dinitrotoluene	15.134	165	732580	34.000	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.393	232	554528	30.045	ng/ul	100
59) Diethylphthalate	15.581	149	2450297	32.687	ng/ul	100
61) Fluorene	15.822	166	2287304	32.532	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.810	204	1110136	32.315	ng/ul	99
63) 4-Nitroaniline	15.845	138	560359	48.396	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.898	198	434885	32.955	ng/ul	99
67) N-Nitrosodiphenylamine	16.022	169	1982296	33.227	ng/ul	98
68) 4-Bromophenyl-phenylether	16.704	248	695164	33.264	ng/ul	97
69) Hexachlorobenzene	16.828	284	801715	32.462	ng/ul	99
70) Atrazine	16.975	200	410102	18.598	ng/ul	99
71) Pentachlorophenol	17.169	266	450106	29.136	ng/ul	99
72) Phenanthrene	17.569	178	3701341	33.501	ng/ul	99
74) Anthracene	17.663	178	3750794	33.572	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	937750	32.598	ng/uL	99
76) Pentachlorobenzene	15.093	250	916134	31.717	ng/uL	99
77) Carbazole	17.928	167	3446659	35.182	ng/ul	100
78) Di-n-butylphthalate	18.457	149	4198132	33.276	ng/ul	100
80) Fluoranthene	19.522	202	4238524	34.890	ng/ul	99
82) Pyrene	19.875	202	4408037	35.138	ng/ul	99
83) Butylbenzylphthalate	20.728	149	1842928	33.137	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.510	252	1362867	36.109	ng/ul	98
85) Benzo(a)anthracene	21.586	228	4010863	33.754	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	2633137	32.886	ng/ul	100
87) Chrysene	21.645	228	3828528	33.705	ng/ul	99
89) Di-n-octyl phthalate	22.463	149	4452879	39.330	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	3820412	36.454	ng/ul	99
91) Benzo(k)fluoranthene	23.433	252	3594627	35.721	ng/ul	99
93) Benzo(a)pyrene	24.063	252	3170953	34.232	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.898	276	3450518	28.769	ng/ul	98
95) Dibenzo(a,h)anthracene	26.910	278	2899497	29.449	ng/ul	99
96) Benzo(g,h,i)perylene	27.733	276	2705894	27.666	ng/ul	99

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

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