Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041223\
Data File : BP014693.D
Acq On : 13 Apr 2023 02:57
Operator : CG/JU
Sample : PB152042BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 13 03:26:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 13 02:01:50 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS042

Manual IntegrationsAPPROVED

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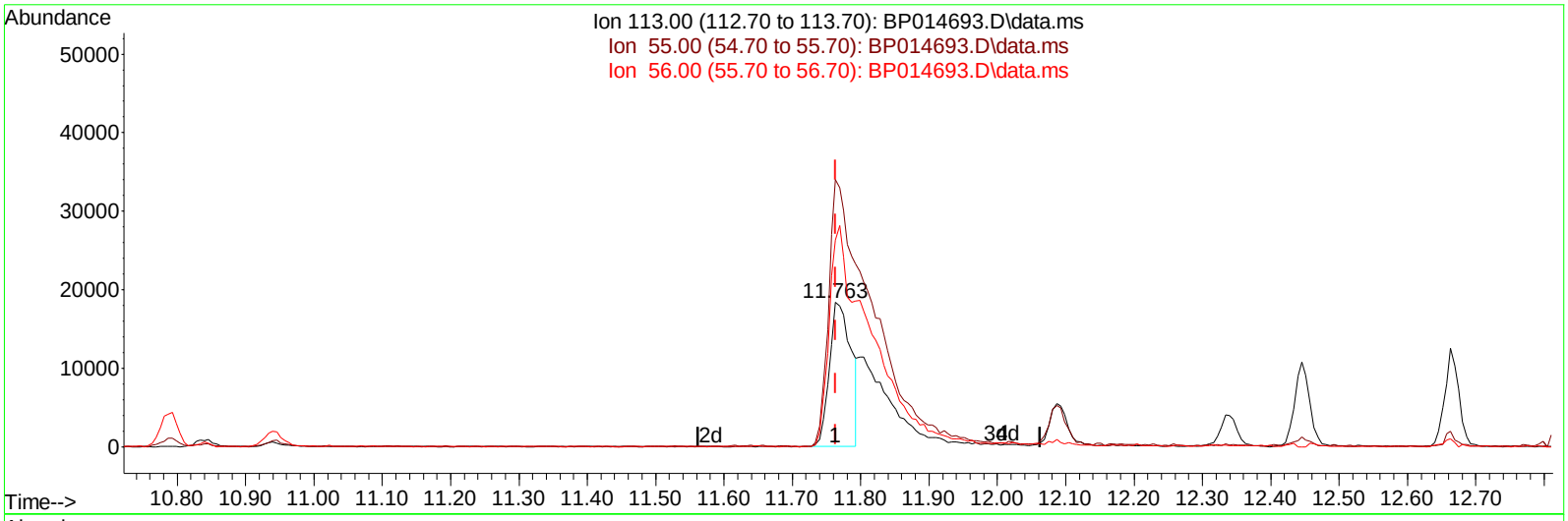
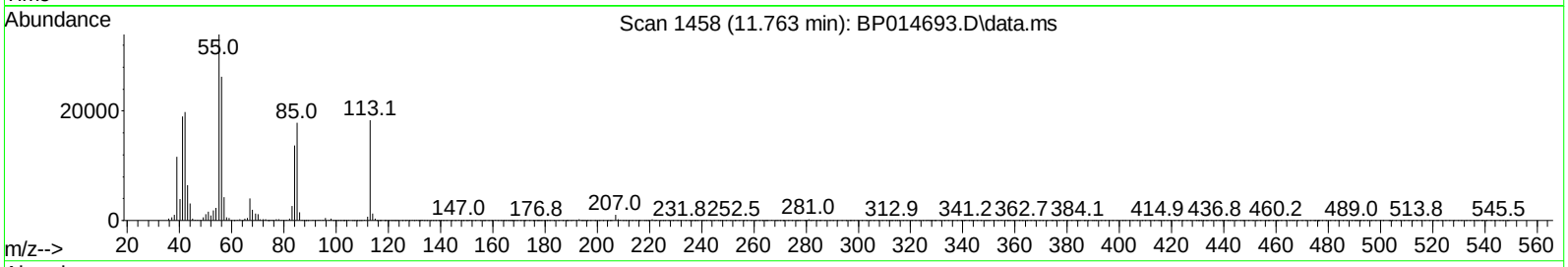
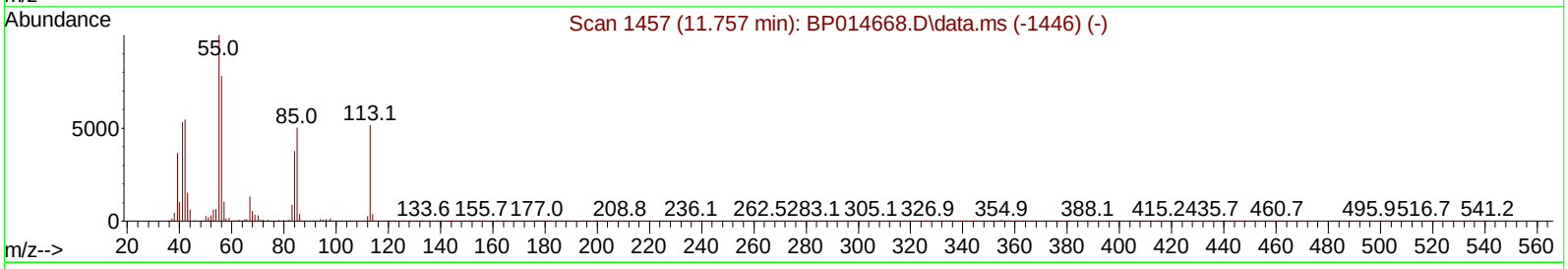
Supervised By :Jagrut Upadhyay 04/13/2023







TIC: BP014693.D\data.ms

(34) Caprolactam

11.763min (+ 0.000) 17.87 ng/ul

response 40780

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	184.98
56.00	126.40	143.10
0.00	0.00	0.00

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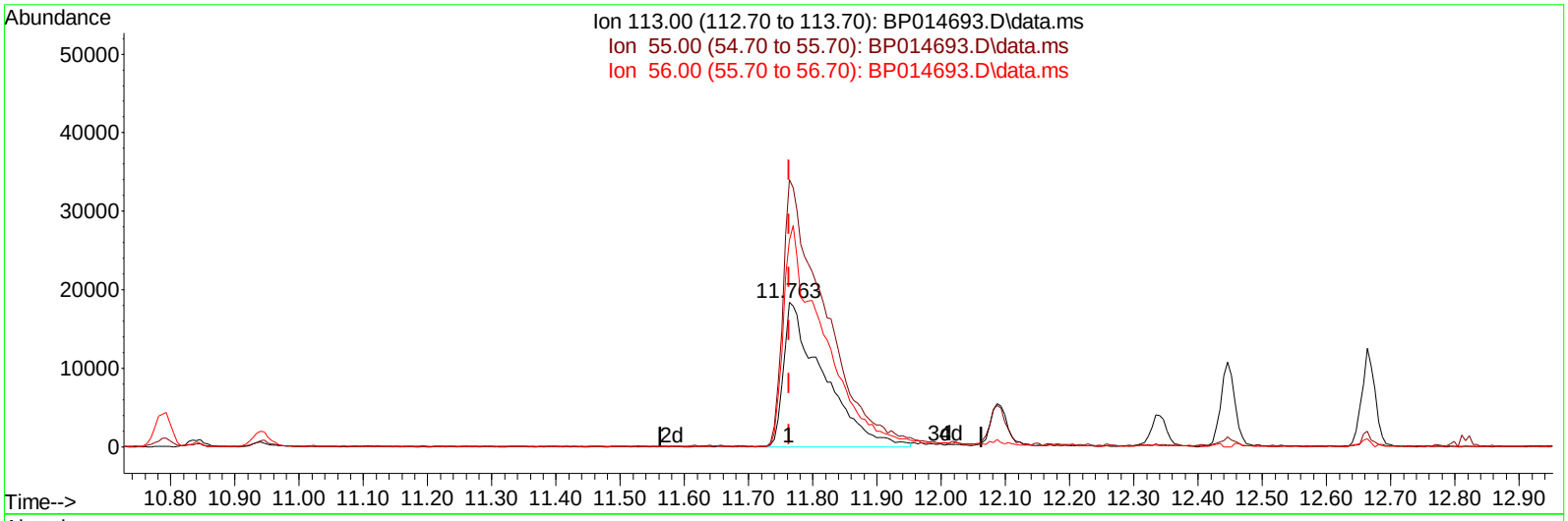

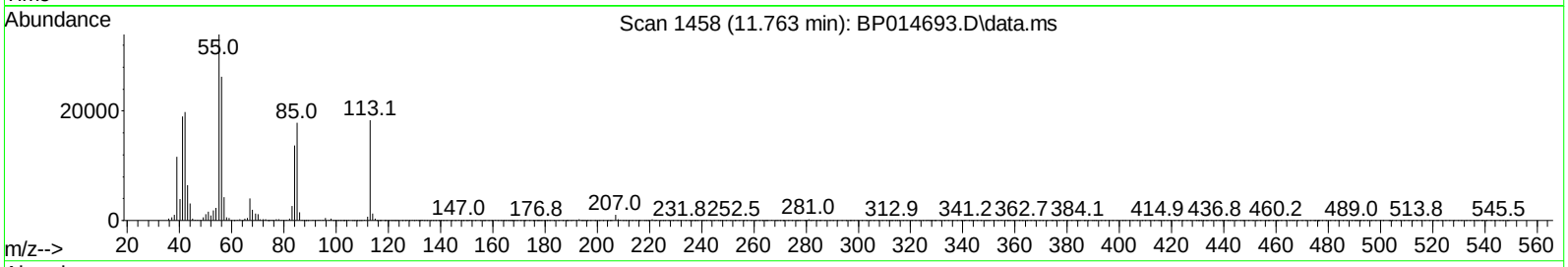

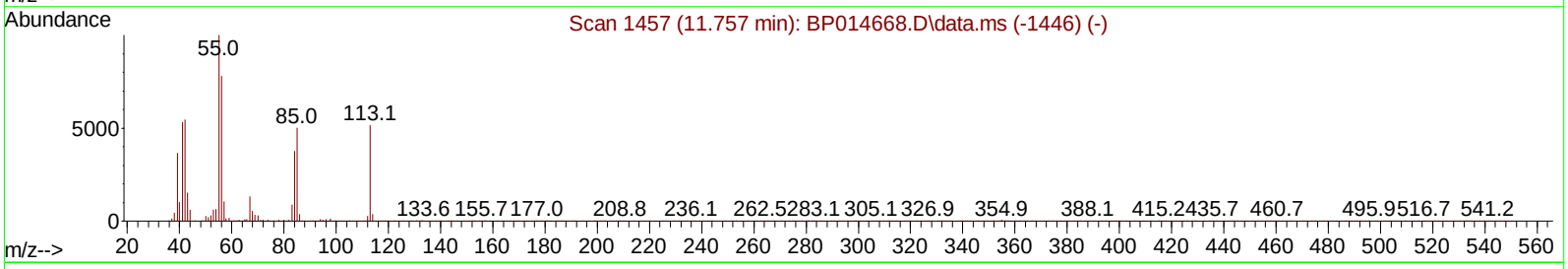

TIC: BP014693.D\data.ms

(34) Caprolactam

11.763min (+ 0.000) 34.68 ng/ul m

response 79133

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	184.98
56.00	126.40	143.10
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	106037	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	466177	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	323326	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	738670	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	789793	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	863817	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	17521	6.408	ng/uL	0.00
4) Pyridine-d5	3.787	84	221873	31.663	ng/ul	0.00
7) Phenol-d5	7.134	99	300981	30.778	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	208152	33.175	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	229802	32.512	ng/ul	0.00
15) 4-Methylphenol-d8	8.693	113	238170	30.193	ng/ul	0.00
21) Nitrobenzene-d5	9.146	128	108834	28.919	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	130850	30.364	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	230282	29.342	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	220186	21.300	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	749963	28.607	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	834729	28.695	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	128987	32.568	ng/ul	0.00
60) Fluorene-d10	15.622	176	646506	29.572	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	155320	28.576	ng/ul	0.00
73) Anthracene-d10	17.486	188	1030352	28.822	ng/ul	0.00
81) Pyrene-d10	19.716	212	1323984	24.957	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	1400961	30.526	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	39039	12.992	ng/uL	93
5) Pyridine	3.811	79	252235	34.397	ng/ul#	90
6) Benzaldehyde	7.116	77	84627	17.410	ng/ul	94
8) Phenol	7.163	94	318668	31.412	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.393	93	257232	31.553	ng/ul	97
12) 2-Chlorophenol	7.534	128	238748	32.453	ng/ul	92
13) 2-Methylphenol	8.422	108	230175	30.424	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.505	45	378672	35.378	ng/ul	98
16) Acetophenone	8.805	105	390253	29.960	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.787	70	228782	32.511	ng/ul	90
18) 4-Methylphenol	8.752	108	253322	30.489	ng/ul	94
19) Hexachloroethane	9.046	117	106199	33.039	ng/ul	87
22) Nitrobenzene	9.193	77	340233	31.470	ng/ul	99
23) Isophorone	9.716	82	604131	30.314	ng/ul	99
25) 2-Nitrophenol	9.904	139	136872	30.092	ng/ul	91
26) 2,4-Dimethylphenol	9.963	107	303880	29.849	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.199	93	342169	28.637	ng/ul	99
29) 2,4-Dichlorophenol	10.440	162	226769	29.361	ng/ul	94
30) Naphthalene	10.840	128	770149	29.659	ng/ul	100
32) 4-Chloroaniline	10.963	127	173121	16.534	ng/ul	96
33) Hexachlorobutadiene	11.110	225	173878	28.416	ng/ul	99
34) Caprolactam	11.763	113	79133m	34.681	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	299448	31.521	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.445	142	531460	30.200	ng/ul	98
37) 1-Methylnaphthalene	12.663	142	533857	30.589	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.810	216	302401	26.232	ng/ul	96
40) Hexachlorocyclopentadiene	12.781	237	170388	22.824	ng/ul	99
41) 2,4,6-Trichlorophenol	13.063	196	191520	26.848	ng/ul	98
42) 2,4,5-Trichlorophenol	13.140	196	211130	27.801	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	722183	27.647	ng/ul	99
44) 2-Chloronaphthalene	13.498	162	567853	27.493	ng/ul	97
45) 2-Nitroaniline	13.722	65	219184	34.267	ng/ul	91
47) Dimethylphthalate	14.081	163	747152	28.504	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	156211	30.503	ng/ul	93
50) Acenaphthylene	14.345	152	897349	28.966	ng/ul	100
51) 3-Nitroaniline	14.545	138	134427	29.300	ng/ul	95
52) Acenaphthene	14.687	153	636889	29.093	ng/ul	97
53) 2,4-Dinitrophenol	14.757	184	97958	29.538	ng/ul#	76
55) 4-Nitrophenol	14.857	109	139670	35.733	ng/ul	94
56) Dibenzofuran	15.022	168	893824	29.044	ng/ul	95
57) 2,4-Dinitrotoluene	15.004	165	239861	33.020	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.251	232	194012	28.424	ng/ul	93
59) Diethylphthalate	15.439	149	803099	30.832	ng/ul	98
61) Fluorene	15.675	166	751936	30.145	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.669	204	382934	28.574	ng/ul	98
63) 4-Nitroaniline	15.716	138	135110	36.245	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.769	198	149679	28.416	ng/ul	97
67) N-Nitrosodiphenylamine	15.886	169	616729	26.835	ng/ul	98
68) 4-Bromophenyl-phenylether	16.563	248	240760	26.193	ng/ul	97
69) Hexachlorobenzene	16.681	284	276845	26.221	ng/ul	93
70) Atrazine	16.845	200	22419	2.680	ng/ul	99
71) Pentachlorophenol	17.039	266	158079	25.844	ng/ul	99
72) Phenanthrene	17.428	178	1217404	29.624	ng/ul	99
74) Anthracene	17.522	178	1218592	29.421	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	309997	23.841	ng/uL	100
76) Pentachlorobenzene	14.939	250	324029	24.975	ng/uL	99
77) Carbazole	17.798	167	1080340	31.169	ng/ul	99
78) Di-n-butylphthalate	18.328	149	1433771	32.898	ng/ul	99
80) Fluoranthene	19.392	202	1522414	24.271	ng/ul	98
82) Pyrene	19.745	202	1596283	24.376	ng/ul	97
83) Butylbenzylphthalate	20.604	149	693091	30.726	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.392	252	372585	21.331	ng/ul	99
85) Benzo(a)anthracene	21.463	228	1661286	29.683	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.357	149	1034598	33.541	ng/ul	98
87) Chrysene	21.516	228	1579348	29.886	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	1805059	32.200	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	1727882	29.617	ng/ul	99
91) Benzo(k)fluoranthene	23.263	252	1721550	30.383	ng/ul	100
93) Benzo(a)pyrene	23.868	252	1524143	30.351	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.598	276	2042298	29.561	ng/ul	98
95) Dibenzo(a,h)anthracene	26.609	278	1704696	29.471	ng/ul	100
96) Benzo(g,h,i)perylene	27.404	276	1655345	29.394	ng/ul	97

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

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