Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014778.D
Acq On : 21 Apr 2023 03:25
Operator : CG/JU
Sample : PB152244BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Apr 21 03:59:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 20 02:32:50 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS244

Manual IntegrationsAPPROVED

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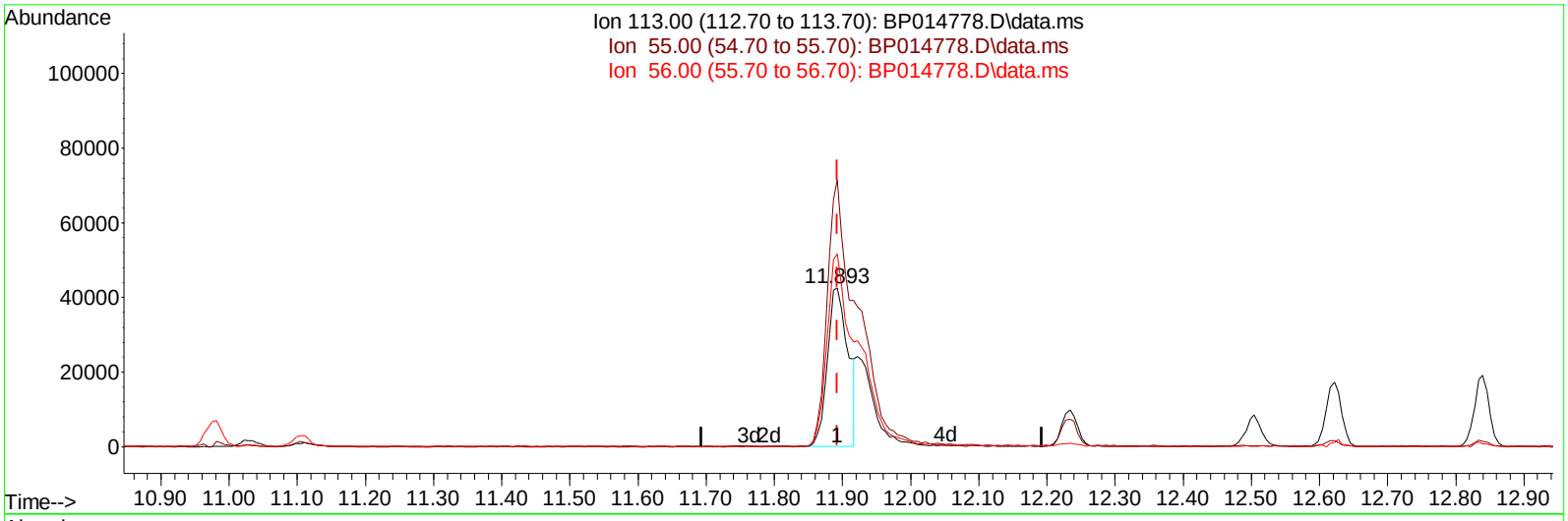
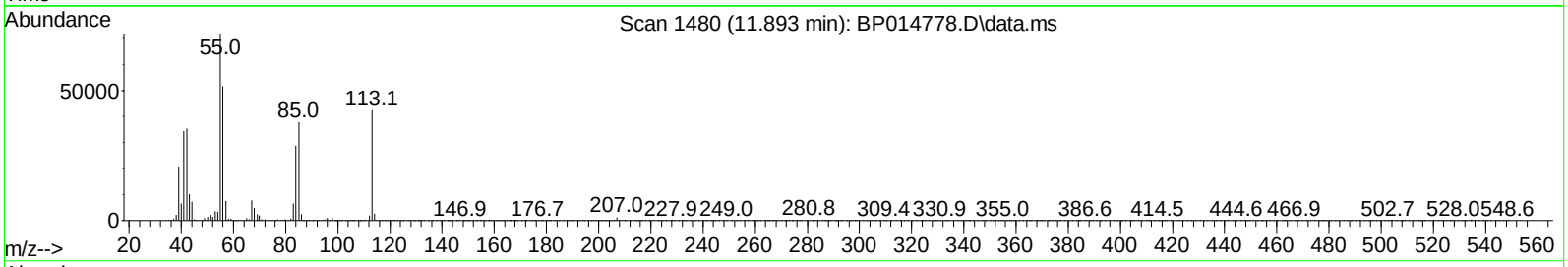
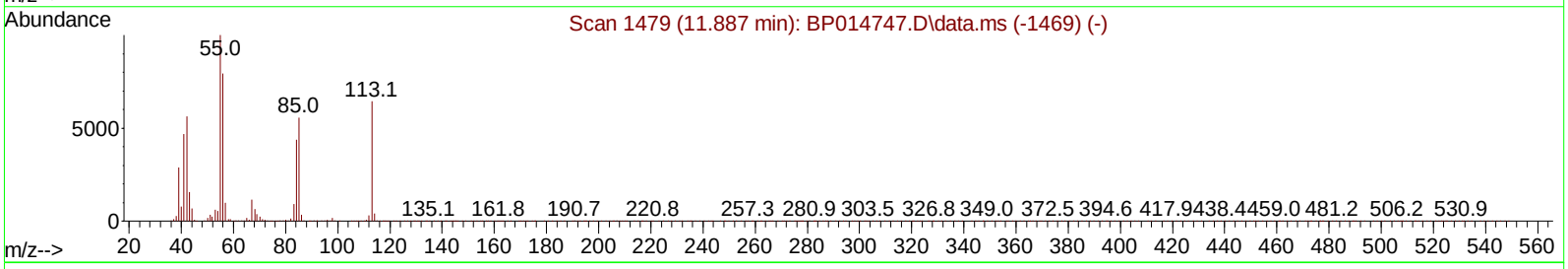
Supervised By :Jagrut Upadhyay 04/21/2023







TIC: BP014778.D\data.ms

(34) Caprolactam

11.893min (-0.000) 17.85 ng/ul

response 89834

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.20	168.13
56.00	126.20	121.38
0.00	0.00	0.00

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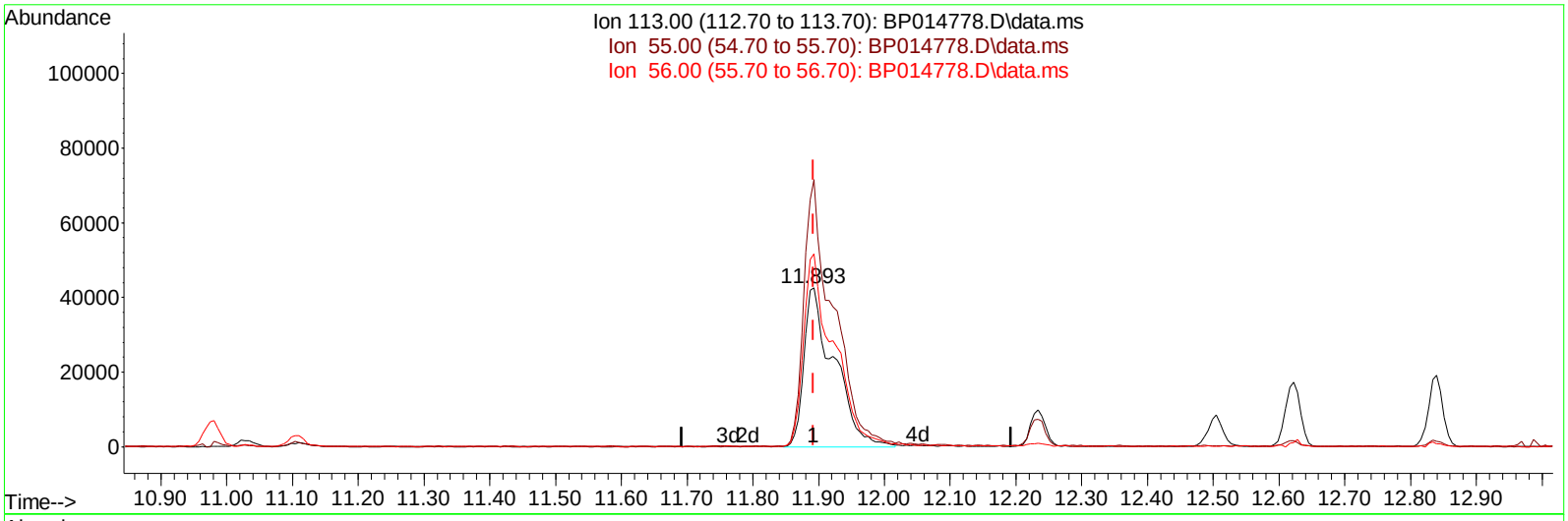

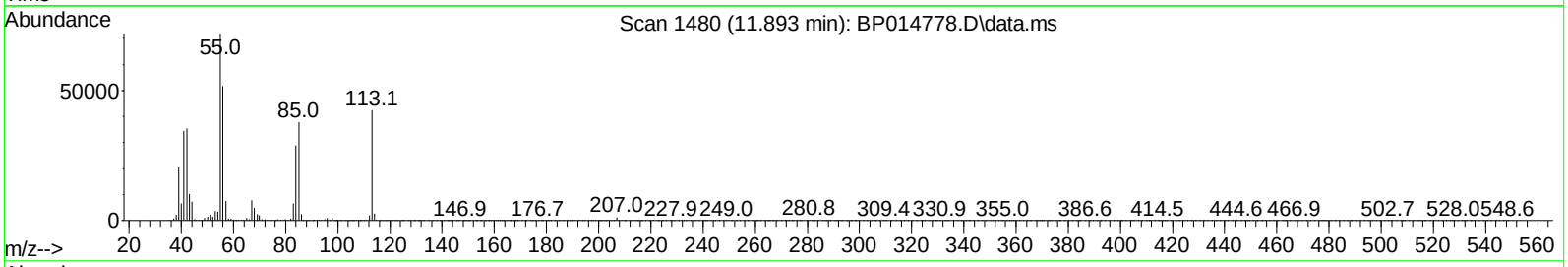

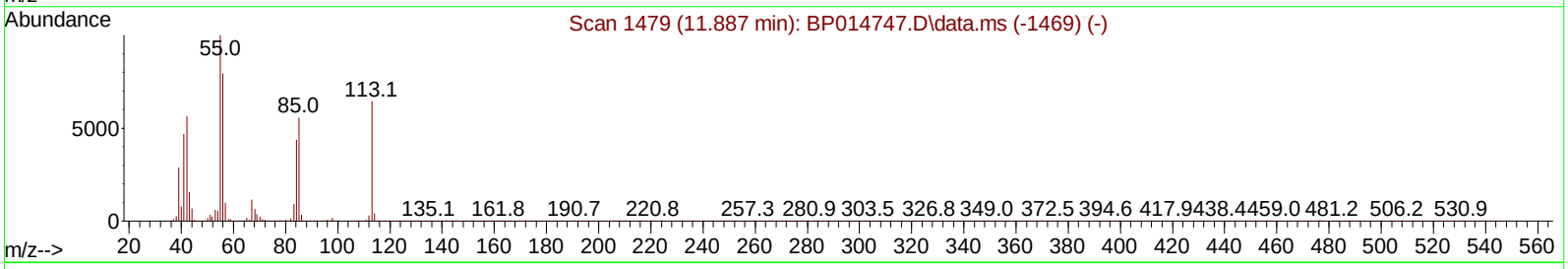

TIC: BP014778.D\data.ms

(34) Caprolactam

11.893min (-0.000) 26.81 ng/ul m

response 134918

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.20	168.13
56.00	126.20	121.38
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	8.152	152	271352	20.000	ng/ul	0.00
20) Naphthalene-d8	10.981	136	1071376	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.781	164	610256	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.528	188	1225690	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1145009	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1248096	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	40139	5.879	ng/uL	0.00
4) Pyridine-d5	3.916	84	500014	26.899	ng/ul	0.00
7) Phenol-d5	7.287	99	713879	30.428	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	433207	29.930	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	573566	32.918	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	554822	30.335	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	255315	38.030	ng/ul	0.00
24) 2-Nitrophenol-d4	10.051	143	260111	42.898	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	541925	32.916	ng/ul	0.00
31) 4-Chloroaniline-d4	11.104	131	496573	19.761	ng/ul	0.00
46) Dimethylphthalate-d6	14.181	166	1456192	30.136	ng/ul	0.00
49) Acenaphthylene-d8	14.475	160	1755890	31.356	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	246960	32.132	ng/ul	0.00
60) Fluorene-d10	15.769	176	1249764	30.142	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	188467	37.996	ng/ul	0.00
73) Anthracene-d10	17.628	188	1872271	31.620	ng/ul	0.00
81) Pyrene-d10	19.839	212	2102813	32.059	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	2160211	33.394	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	83224	11.287	ng/uL	97
5) Pyridine	3.934	79	516820	27.712	ng/ul	97
6) Benzaldehyde	7.275	77	394018	33.954	ng/ul	95
8) Phenol	7.316	94	721524	29.464	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.557	93	578015	29.110	ng/ul	97
12) 2-Chlorophenol	7.705	128	567322	31.137	ng/ul	98
13) 2-Methylphenol	8.587	108	534655	29.171	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.681	45	708540	27.948	ng/ul	99
16) Acetophenone	8.981	105	869818	28.590	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.963	70	407243	27.521	ng/ul	97
18) 4-Methylphenol	8.916	108	578445	29.044	ng/ul	98
19) Hexachloroethane	9.246	117	233712	30.451	ng/ul	97
22) Nitrobenzene	9.363	77	616426	33.792	ng/ul	98
23) Isophorone	9.893	82	1150865	27.941	ng/ul	99
25) 2-Nitrophenol	10.081	139	280872	38.999	ng/ul	99
26) 2,4-Dimethylphenol	10.128	107	613942	30.573	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.375	93	745472	29.212	ng/ul	100
29) 2,4-Dichlorophenol	10.616	162	522102	31.419	ng/ul	98
30) Naphthalene	11.028	128	1797031	29.928	ng/ul	99
32) 4-Chloroaniline	11.128	127	583190	22.909	ng/ul	99
33) Hexachlorobutadiene	11.310	225	354498	30.160	ng/ul	98
34) Caprolactam	11.893	113	134918m	26.813	ng/ul	
35) 4-Chloro-3-methylphenol	12.234	107	511847	29.472	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.622	142	1158114	28.891	ng/ul	99
37) 1-Methylnaphthalene	12.840	142	1166562	29.355	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.981	216	650571	31.679	ng/ul	98
40) Hexachlorocyclopentadiene	12.963	237	391037	33.652	ng/ul	99
41) 2,4,6-Trichlorophenol	13.216	196	384614	33.065	ng/ul	98
42) 2,4,5-Trichlorophenol	13.287	196	422492	33.574	ng/ul	98
43) 1,1'-Biphenyl	13.616	154	1526408	30.846	ng/ul	99
44) 2-Chloronaphthalene	13.663	162	1196532	30.945	ng/ul	99
45) 2-Nitroaniline	13.857	65	274663	37.525	ng/ul	100
47) Dimethylphthalate	14.228	163	1398699	28.737	ng/ul	99
48) 2,6-Dinitrotoluene	14.345	165	245391	36.963	ng/ul	93
50) Acenaphthylene	14.504	152	1813525	29.881	ng/ul	98
51) 3-Nitroaniline	14.675	138	232650	30.810	ng/ul#	97
52) Acenaphthene	14.845	153	1238156	29.921	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	111089	34.583	ng/ul	98
55) 4-Nitrophenol	14.963	109	189853	30.113	ng/ul	94
56) Dibenzofuran	15.175	168	1710862	29.376	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	357680	36.720	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.392	232	336433	31.484	ng/ul	94
59) Diethylphthalate	15.586	149	1343196	28.441	ng/ul	98
61) Fluorene	15.822	166	1378284	28.992	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.816	204	697342	28.686	ng/ul	97
63) 4-Nitroaniline	15.834	138	275119	36.453	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.892	198	189522	35.891	ng/ul#	88
67) N-Nitrosodiphenylamine	16.022	169	1130992	30.966	ng/ul	100
68) 4-Bromophenyl-phenylether	16.710	248	423502	30.830	ng/ul	98
69) Hexachlorobenzene	16.828	284	476817	29.916	ng/ul	97
70) Atrazine	16.969	200	282900	21.808	ng/ul	99
71) Pentachlorophenol	17.169	266	260958	30.078	ng/ul	99
72) Phenanthrene	17.569	178	2072868	30.007	ng/ul	99
74) Anthracene	17.663	178	2105019	30.058	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.587	216	628686	32.848	ng/uL	99
76) Pentachlorobenzene	15.092	250	598801	31.720	ng/uL	99
77) Carbazole	17.922	167	1846784	30.039	ng/ul	100
78) Di-n-butylphthalate	18.457	149	2128265	30.492	ng/ul	100
80) Fluoranthene	19.516	202	2353208	30.836	ng/ul	99
82) Pyrene	19.869	202	2479730	30.707	ng/ul	99
83) Butylbenzylphthalate	20.721	149	799708	36.275	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.504	252	628937	24.534	ng/ul	99
85) Benzo(a)anthracene	21.580	228	2475508	31.103	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.486	149	1303574	35.053	ng/ul	100
87) Chrysene	21.639	228	2329061	30.911	ng/ul	99
89) Di-n-octyl phthalate	22.468	149	2118864	31.377	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	2559126	31.476	ng/ul	100
91) Benzo(k)fluoranthene	23.433	252	2509741	30.866	ng/ul	99
93) Benzo(a)pyrene	24.057	252	2265717	31.378	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.886	276	3018631	32.120	ng/ul	98
95) Dibenzo(a,h)anthracene	26.904	278	2522023	32.045	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	2423929	32.249	ng/ul	98

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

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