Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014777.D
Acq On : 21 Apr 2023 02:52
Operator : CG/JU
Sample : PB152246BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 21 03:31:19 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 :
SLCS246

Manual IntegrationsAPPROVED

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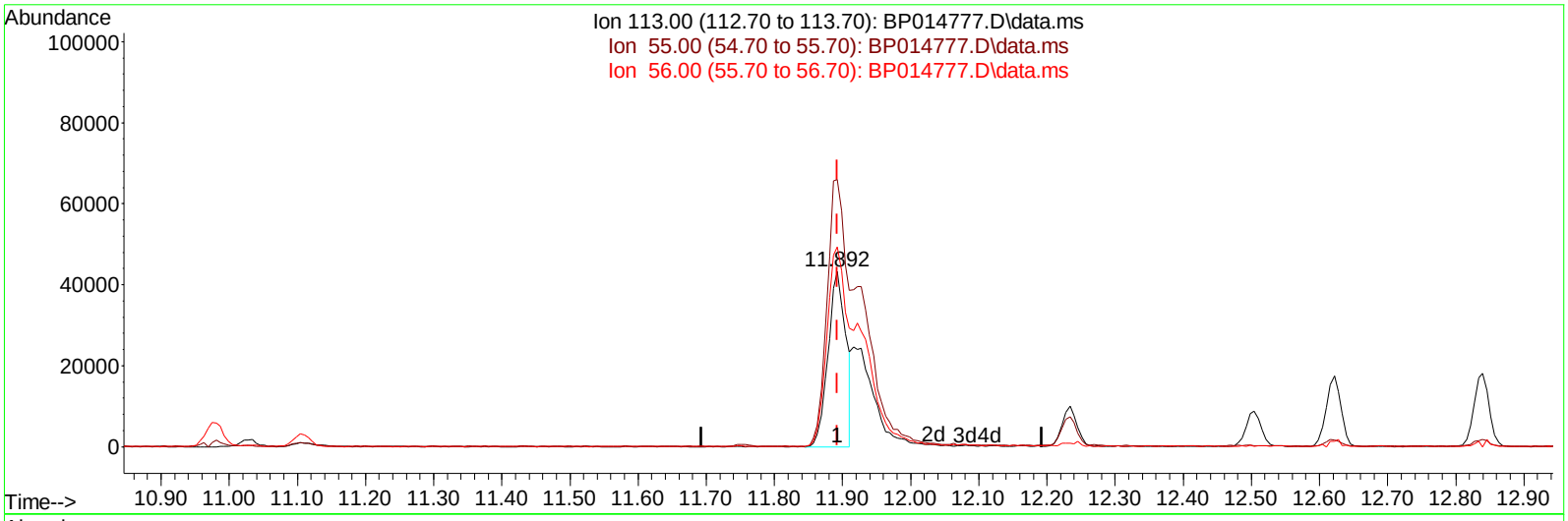
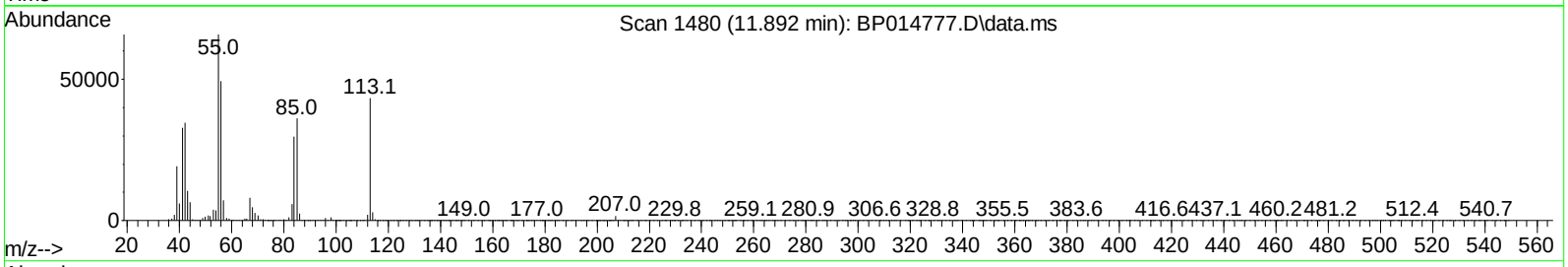
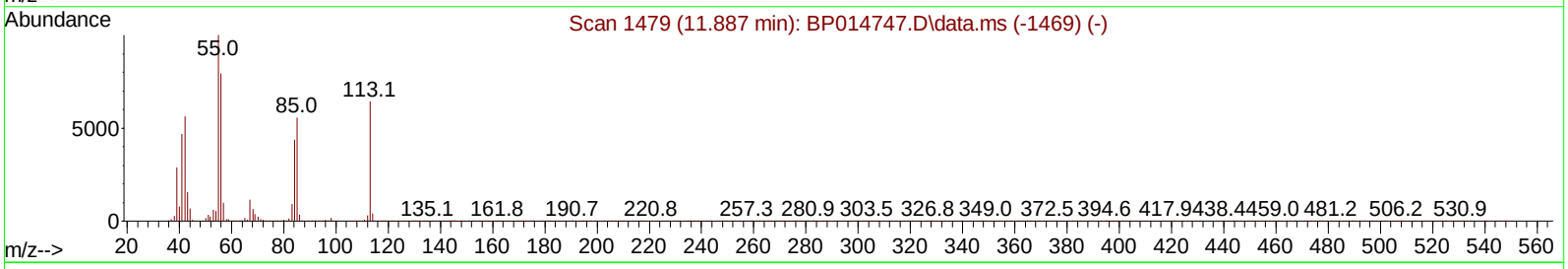
Supervised By :Jagrut Upadhyay 04/21/2023







TIC: BP014777.D\data.ms

(34) Caprolactam

11.892min (-0.000) 16.75 ng/ul

response 78860

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.20	152.10
56.00	126.20	113.92
0.00	0.00	0.00

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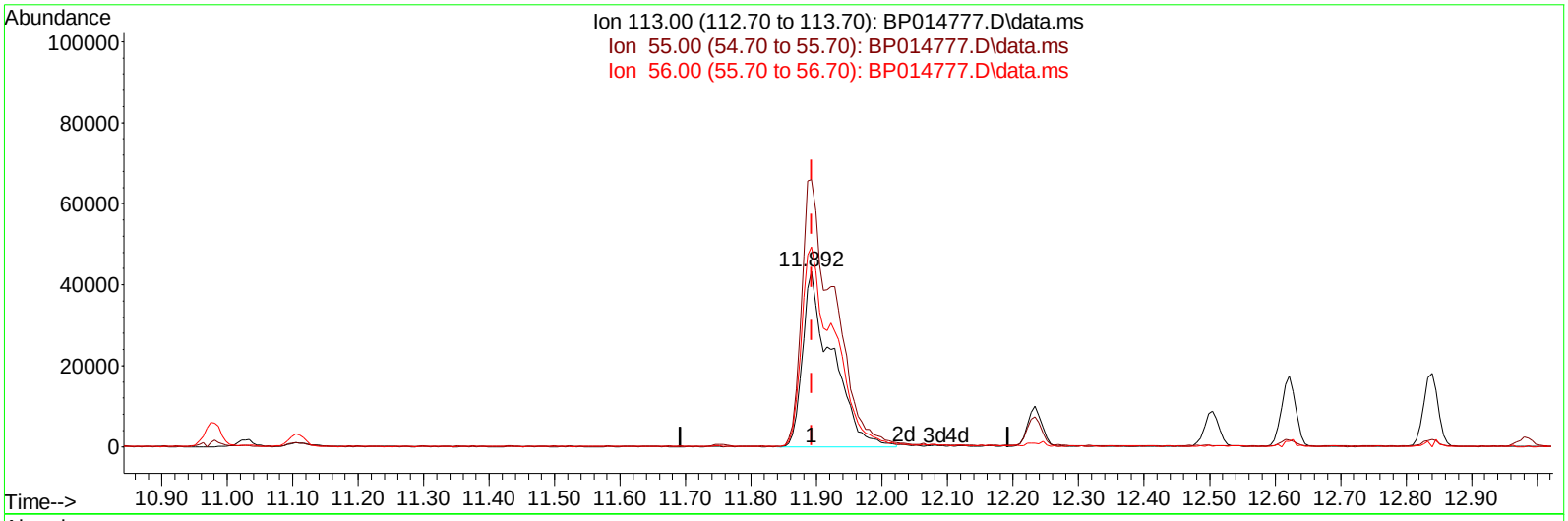

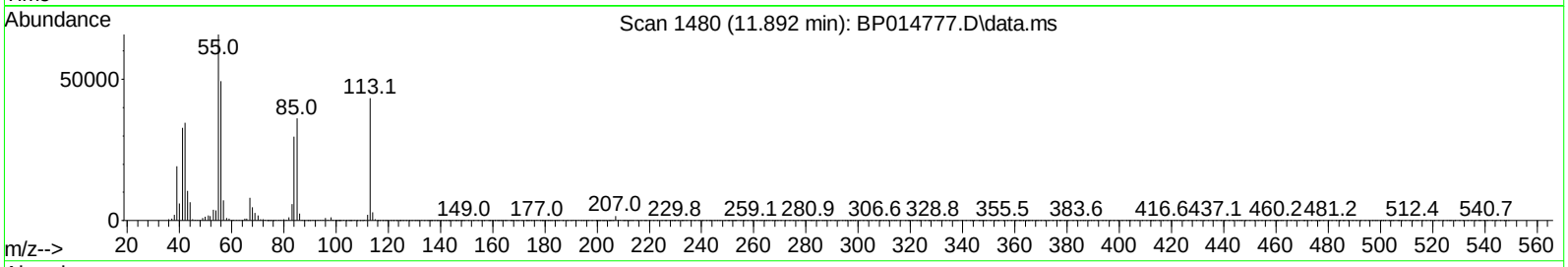

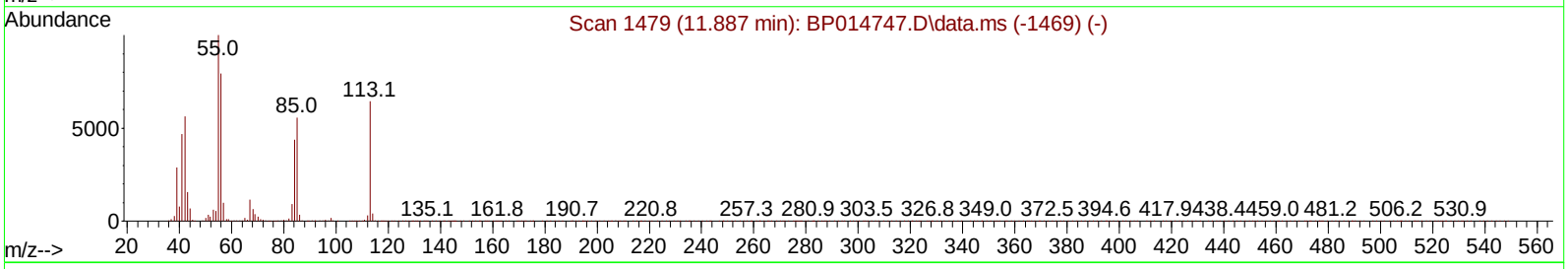

TIC: BP014777.D\data.ms

(34) Caprolactam

11.892min (-0.000) 28.56 ng/ul m

response 134438

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.20	152.10
56.00	126.20	113.92
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	8.151	152	250331	20.000	ng/ul	0.00
20) Naphthalene-d8	10.981	136	1002144	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.780	164	580702	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.527	188	1221786	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1244435	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1405966	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	42205	6.701	ng/uL	0.00
4) Pyridine-d5	3.916	84	487514	28.429	ng/ul	0.00
7) Phenol-d5	7.287	99	676284	31.246	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	414015	31.006	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	542678	33.761	ng/ul	0.00
15) 4-Methylphenol-d8	8.851	113	532332	31.549	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	240825	38.350	ng/ul	0.00
24) 2-Nitrophenol-d4	10.045	143	241650	42.606	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	516711	33.552	ng/ul	0.00
31) 4-Chloroaniline-d4	11.104	131	483192	20.557	ng/ul	0.00
46) Dimethylphthalate-d6	14.181	166	1448685	31.506	ng/ul	0.00
49) Acenaphthylene-d8	14.475	160	1750625	32.853	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	259917	35.538	ng/ul	0.00
60) Fluorene-d10	15.769	176	1252945	31.757	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	193628	39.161	ng/ul	0.00
73) Anthracene-d10	17.627	188	1940007	32.868	ng/ul	0.00
81) Pyrene-d10	19.839	212	2285499	32.060	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	2522349	34.614	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	80041	11.766	ng/uL	98
5) Pyridine	3.934	79	500677	29.101	ng/ul	96
6) Benzaldehyde	7.275	77	369240	34.490	ng/ul	95
8) Phenol	7.316	94	691004	30.587	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.563	93	550241	30.038	ng/ul	97
12) 2-Chlorophenol	7.704	128	542368	32.267	ng/ul	99
13) 2-Methylphenol	8.581	108	506692	29.967	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.675	45	676804	28.938	ng/ul	99
16) Acetophenone	8.975	105	833334	29.691	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.963	70	392425	28.746	ng/ul#	98
18) 4-Methylphenol	8.916	108	554887	30.201	ng/ul	96
19) Hexachloroethane	9.245	117	226028	31.922	ng/ul	97
22) Nitrobenzene	9.363	77	580968	34.048	ng/ul	97
23) Isophorone	9.893	82	1105840	28.703	ng/ul	98
25) 2-Nitrophenol	10.081	139	264129	39.207	ng/ul	98
26) 2,4-Dimethylphenol	10.134	107	581674	30.967	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.375	93	711811	29.820	ng/ul	100
29) 2,4-Dichlorophenol	10.616	162	499230	32.118	ng/ul	98
30) Naphthalene	11.028	128	1713303	30.505	ng/ul	100
32) 4-Chloroaniline	11.128	127	562477	23.621	ng/ul	99
33) Hexachlorobutadiene	11.316	225	339790	30.906	ng/ul	98
34) Caprolactam	11.892	113	134438m	28.563	ng/ul	
35) 4-Chloro-3-methylphenol	12.234	107	497844	30.646	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.622	142	1115711	29.756	ng/ul	100
37)	1-Methylnaphthalene	12.839	142	1125666	30.283	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.981	216	625447	32.006	ng/ul	98
40)	Hexachlorocyclopentadiene	12.963	237	371439	33.592	ng/ul	100
41)	2,4,6-Trichlorophenol	13.216	196	373943	33.784	ng/ul	99
42)	2,4,5-Trichlorophenol	13.286	196	412520	34.450	ng/ul	99
43)	1,1'-Biphenyl	13.616	154	1485752	31.553	ng/ul	99
44)	2-Chloronaphthalene	13.663	162	1164387	31.646	ng/ul	100
45)	2-Nitroaniline	13.857	65	272529	39.128	ng/ul	99
47)	Dimethylphthalate	14.228	163	1394031	30.099	ng/ul	100
48)	2,6-Dinitrotoluene	14.345	165	243040	38.472	ng/ul	93
50)	Acenaphthylene	14.504	152	1786004	30.926	ng/ul	99
51)	3-Nitroaniline	14.675	138	236929	32.974	ng/ul#	96
52)	Acenaphthene	14.845	153	1222307	31.041	ng/ul	100
53)	2,4-Dinitrophenol	14.875	184	113901	37.263	ng/ul	97
55)	4-Nitrophenol	14.963	109	201454	33.579	ng/ul	96
56)	Dibenzofuran	15.175	168	1688465	30.467	ng/ul	98
57)	2,4-Dinitrotoluene	15.128	165	364222	39.294	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.392	232	340193	33.456	ng/ul	97
59)	Diethylphthalate	15.586	149	1365336	30.381	ng/ul	99
61)	Fluorene	15.822	166	1392197	30.775	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.816	204	691712	29.902	ng/ul	99
63)	4-Nitroaniline	15.833	138	290161	40.403	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.892	198	193625	36.785	ng/ul#	87
67)	N-Nitrosodiphenylamine	16.027	169	1144178	31.427	ng/ul	100
68)	4-Bromophenyl-phenylether	16.710	248	426810	31.170	ng/ul	98
69)	Hexachlorobenzene	16.827	284	487665	30.695	ng/ul	96
70)	Atrazine	16.969	200	293986	22.735	ng/ul	98
71)	Pentachlorophenol	17.169	266	271378	31.379	ng/ul	98
72)	Phenanthrene	17.569	178	2134983	31.005	ng/ul	99
74)	Anthracene	17.663	178	2182135	31.259	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.581	216	612265	32.092	ng/uL	99
76)	Pentachlorobenzene	15.092	250	597660	31.761	ng/uL	99
77)	Carbazole	17.921	167	1944372	31.728	ng/ul	99
78)	Di-n-butylphthalate	18.457	149	2238497	32.174	ng/ul	100
80)	Fluoranthene	19.516	202	2547692	30.718	ng/ul	99
82)	Pyrene	19.868	202	2690685	30.657	ng/ul	99
83)	Butylbenzylphthalate	20.721	149	893754	37.301	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.504	252	760500	27.296	ng/ul	99
85)	Benzo(a)anthracene	21.580	228	2777961	32.114	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.486	149	1428385	35.340	ng/ul	100
87)	Chrysene	21.639	228	2655269	32.425	ng/ul	99
89)	Di-n-octyl phthalate	22.468	149	2498798	32.849	ng/ul	100
90)	Benzo(b)fluoranthene	23.380	252	2959053	32.309	ng/ul	100
91)	Benzo(k)fluoranthene	23.433	252	2960548	32.322	ng/ul	99
93)	Benzo(a)pyrene	24.056	252	2643637	32.501	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.892	276	3569526	33.717	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.909	278	2960038	33.387	ng/ul	99
96)	Benzo(g,h,i)perylene	27.721	276	2838034	33.518	ng/ul	99

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

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