Quantitation Report (Qedit)

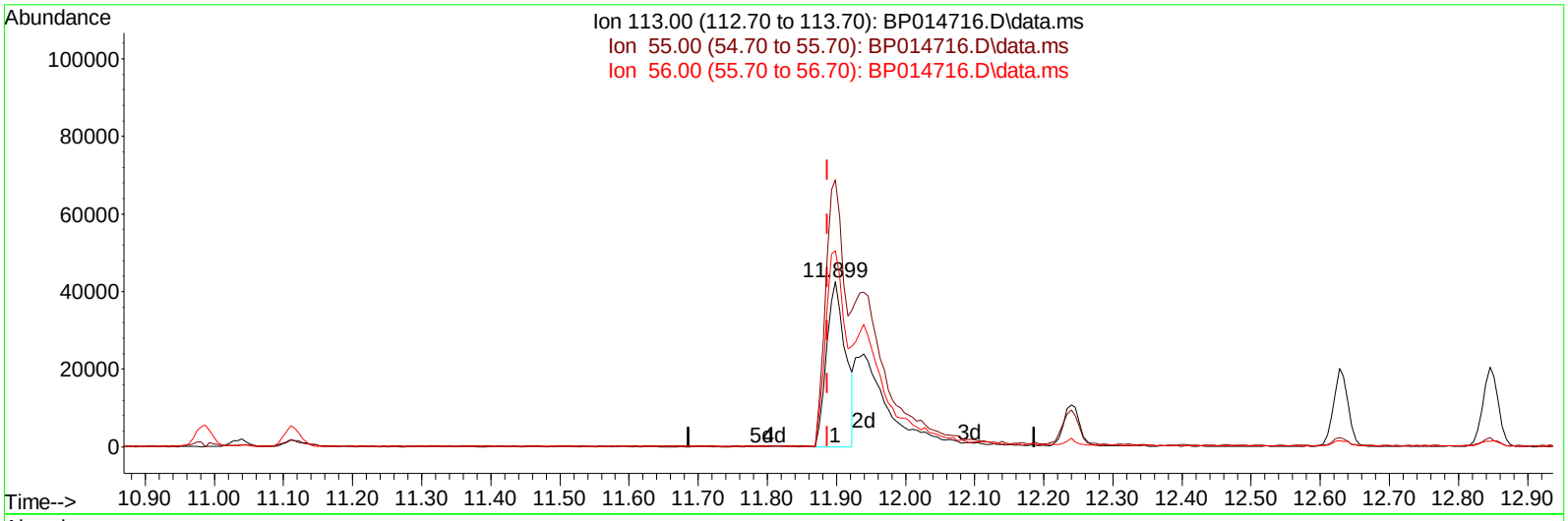
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041823\
Data File : BP014716.D
Acq On : 18 Apr 2023 17:24
Operator : CG/JU
Sample : SSTD04050
Misc :
ALS Vial : 5 Sample Multiplier: 1

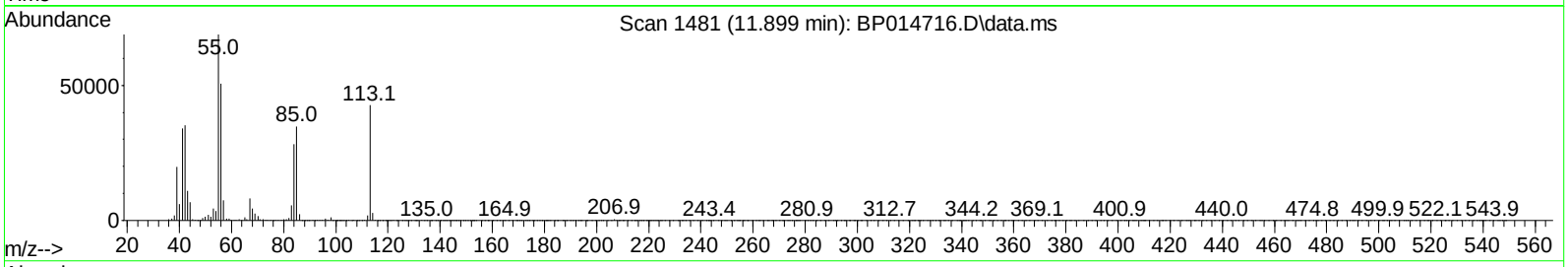
Quant Time: Apr 19 01:01:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 00:51:18 2023
Response via : Initial Calibration

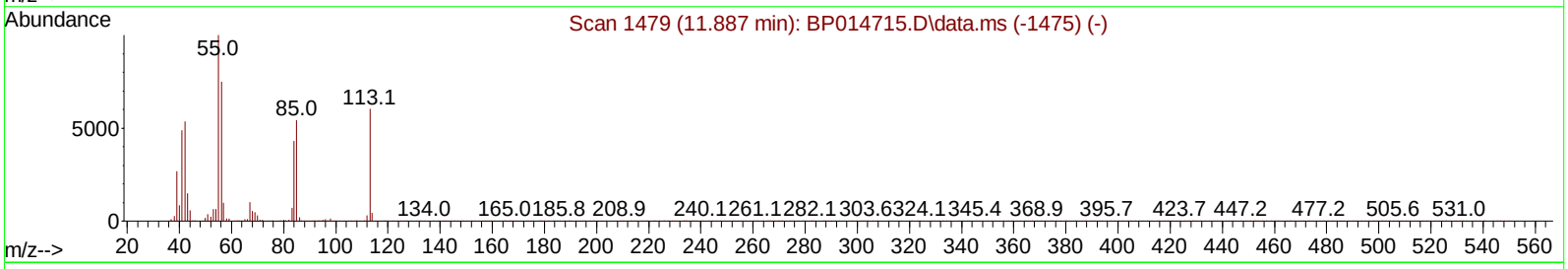
Instrument :
BNA_P
ClientSampleId :
SSTD040635

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023







TIC: BP014716.D\data.ms

(34) Caprolactam

11.899min (+ 0.012) 20.80 ng/ul

response 81021

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.20	161.61
56.00	126.20	118.77
0.00	0.00	0.00

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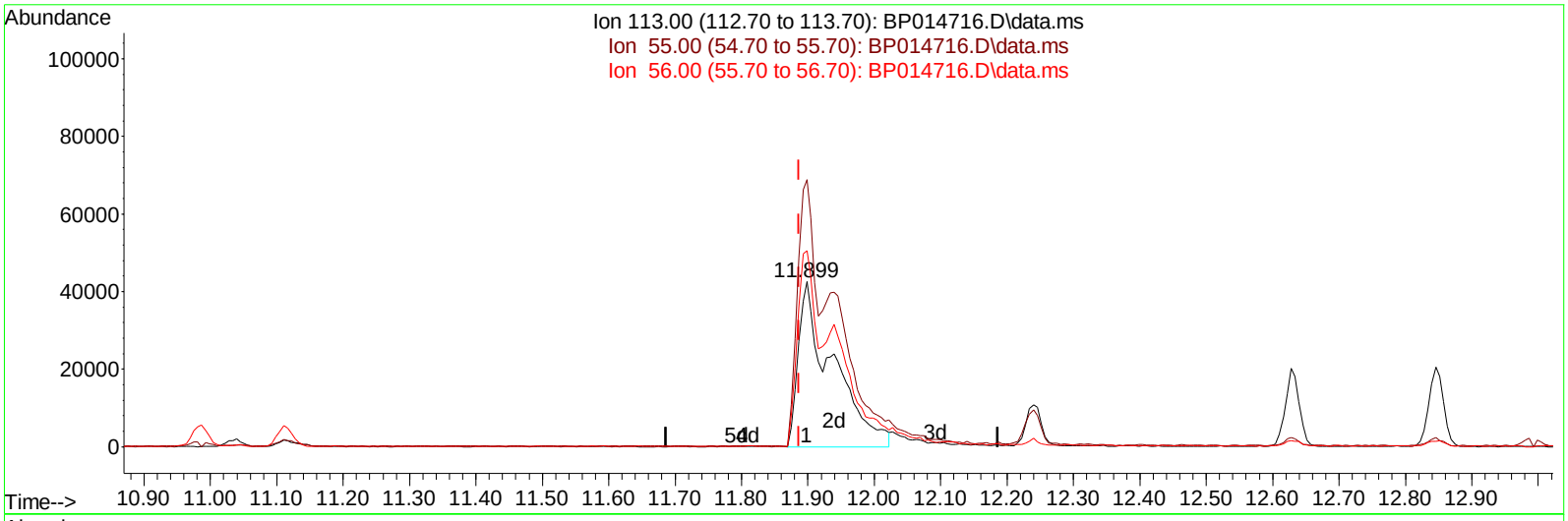

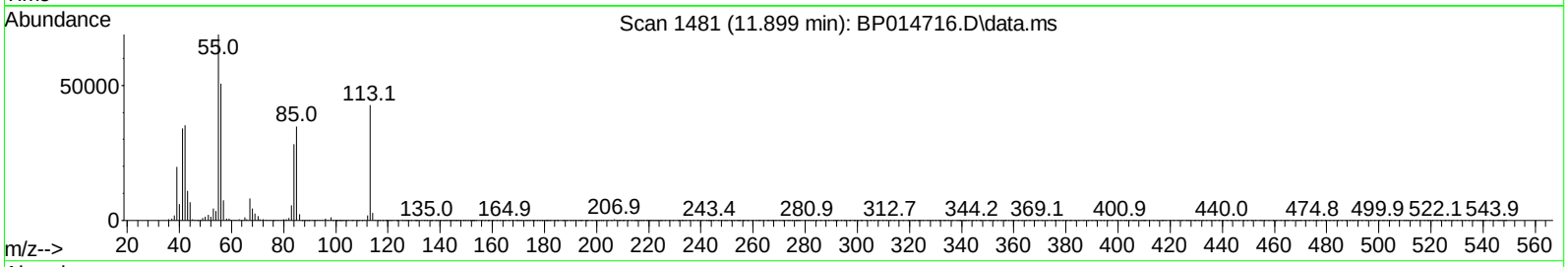

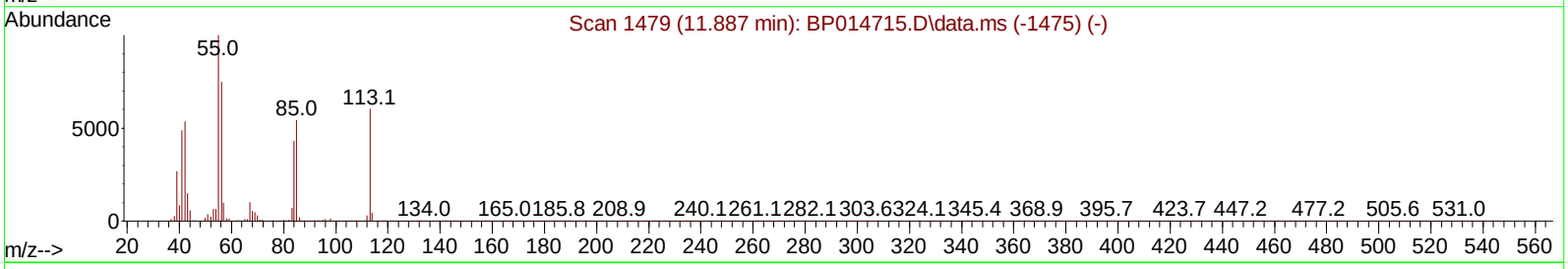

TIC: BP014716.D\data.ms

(34) Caprolactam

11.899min (+ 0.012) 39.33 ng/ul m

response 153215

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.20	161.61
56.00	126.20	118.77
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	8.158	152	194488	20.000	ng/ul	0.00
20) Naphthalene-d8	10.987	136	795935	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.787	164	496421	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.539	188	1095394	20.000	ng/ul	0.00
79) Chrysene-d12	21.616	240	1082286	20.000	ng/ul	0.00
88) Perylene-d12	24.192	264	1153585	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	80560	16.063	ng/uL	0.00
4) Pyridine-d5	3.917	84	562174	43.741	ng/ul	0.00
7) Phenol-d5	7.293	99	687218	38.314	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.475	67	421402	36.617	ng/ul	0.00
11) 2-Chlorophenol-d4	7.681	132	529820	40.869	ng/ul	0.00
15) 4-Methylphenol-d8	8.857	113	538827	37.242	ng/ul	0.00
21) Nitrobenzene-d5	9.328	128	226440	35.241	ng/ul	0.00
24) 2-Nitrophenol-d4	10.057	143	213118	28.966	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	533606	39.823	ng/ul	0.00
31) 4-Chloroaniline-d4	11.116	131	789673	44.741	ng/ul	0.00
46) Dimethylphthalate-d6	14.193	166	1650826	41.014	ng/ul	0.00
49) Acenaphthylene-d8	14.481	160	1954050	43.752	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	271567	44.660	ng/ul	0.00
60) Fluorene-d10	15.781	176	1413189	42.102	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.887	200	181426	22.509	ng/ul	0.00
73) Anthracene-d10	17.639	188	2229703	42.060	ng/ul	0.00
81) Pyrene-d10	19.851	212	2592749	35.665	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264	2571762	41.961	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	86694	15.730	ng/uL	96
5) Pyridine	3.934	79	566151	42.094	ng/ul	97
6) Benzaldehyde	7.281	77	353045	39.599	ng/ul	95
8) Phenol	7.316	94	719120	38.648	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.569	93	577998	38.655	ng/ul	99
12) 2-Chlorophenol	7.710	128	550525	40.800	ng/ul	99
13) 2-Methylphenol	8.587	108	534710	38.534	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.687	45	740803	37.734	ng/ul	100
16) Acetophenone	8.987	105	908958	38.046	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.969	70	444664	34.452	ng/ul	98
18) 4-Methylphenol	8.922	108	582926	38.251	ng/ul	98
19) Hexachloroethane	9.252	117	227128	38.525	ng/ul	98
22) Nitrobenzene	9.369	77	601496	32.585	ng/ul	99
23) Isophorone	9.899	82	1291104	37.944	ng/ul	98
25) 2-Nitrophenol	10.087	139	257299	33.132	ng/ul	98
26) 2,4-Dimethylphenol	10.134	107	631393	36.324	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.381	93	785151	38.488	ng/ul	99
29) 2,4-Dichlorophenol	10.622	162	531943	40.339	ng/ul	98
30) Naphthalene	11.040	128	1868408	42.143	ng/ul	99
32) 4-Chloroaniline	11.140	127	798851	44.686	ng/ul	99
33) Hexachlorobutadiene	11.322	225	356826	34.155	ng/ul	97
34) Caprolactam	11.899	113	153215m	39.329	ng/ul	
35) 4-Chloro-3-methylphenol	12.240	107	564792	34.821	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.628	142	1243482	41.386	ng/ul	100
37)	1-Methylnaphthalene	12.846	142	1238263	41.555	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.993	216	693554	39.185	ng/ul	97
40)	Hexachlorocyclopentadiene	12.975	237	392867	34.276	ng/ul	98
41)	2,4,6-Trichlorophenol	13.222	196	419035	38.259	ng/ul	100
42)	2,4,5-Trichlorophenol	13.293	196	458548	39.327	ng/ul	98
43)	1,1'-Biphenyl	13.628	154	1685091	42.016	ng/ul	99
44)	2-Chloronaphthalene	13.669	162	1316406	41.512	ng/ul	99
45)	2-Nitroaniline	13.863	65	292927	29.828	ng/ul	96
47)	Dimethylphthalate	14.240	163	1666514	41.410	ng/ul	99
48)	2,6-Dinitrotoluene	14.357	165	268272	34.119	ng/ul	90
50)	Acenaphthylene	14.510	152	2099699	44.144	ng/ul	98
51)	3-Nitroaniline	14.681	138	266396	37.818	ng/ul	96
52)	Acenaphthene	14.851	153	1420750	42.269	ng/ul	99
53)	2,4-Dinitrophenol	14.881	184	100243	19.687	ng/ul	94
55)	4-Nitrophenol	14.975	109	224173	37.354	ng/ul	92
56)	Dibenzofuran	15.187	168	1971331	41.721	ng/ul	98
57)	2,4-Dinitrotoluene	15.140	165	389051	34.883	ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	15.404	232	390036	37.219	ng/ul	96
59)	Diethylphthalate	15.598	149	1633775	40.852	ng/ul	99
61)	Fluorene	15.834	166	1618829	42.269	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.822	204	815029	39.610	ng/ul	100
63)	4-Nitroaniline	15.845	138	270068	47.187	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.898	198	197238	25.251	ng/ul	94
67)	N-Nitrosodiphenylamine	16.034	169	1385527	40.653	ng/ul	99
68)	4-Bromophenyl-phenylether	16.722	248	514564	37.751	ng/ul	98
69)	Hexachlorobenzene	16.839	284	581943	37.169	ng/ul	98
70)	Atrazine	16.986	200	496595	40.027	ng/ul	99
71)	Pentachlorophenol	17.181	266	328967	36.268	ng/ul	99
72)	Phenanthrene	17.586	178	2569660	42.166	ng/ul	100
74)	Anthracene	17.675	178	2633449	42.875	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.593	216	702633	36.440	ng/uL	99
76)	Pentachlorobenzene	15.104	250	692614	36.000	ng/uL	99
77)	Carbazole	17.933	167	2358249	45.880	ng/ul	100
78)	Di-n-butylphthalate	18.475	149	2797279	43.281	ng/ul	100
80)	Fluoranthene	19.528	202	3042558	35.398	ng/ul	98
82)	Pyrene	19.880	202	3175129	35.382	ng/ul	97
83)	Butylbenzylphthalate	20.739	149	982715	31.792	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.516	252	1063622	44.436	ng/ul	99
85)	Benzo(a)anthracene	21.598	228	3140287	40.946	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.510	149	1662265	39.325	ng/ul	99
87)	Chrysene	21.657	228	2960456	40.881	ng/ul	100
89)	Di-n-octyl phthalate	22.498	149	2679375	35.791	ng/ul	100
90)	Benzo(b)fluoranthene	23.398	252	3205625	41.145	ng/ul	99
91)	Benzo(k)fluoranthene	23.457	252	3210376	42.426	ng/ul	99
93)	Benzo(a)pyrene	24.080	252	2859514	42.640	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.927	276	3755314	40.702	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.951	278	3140750	40.659	ng/ul	98
96)	Benzo(g,h,i)perylene	27.774	276	2984707	39.687	ng/ul	99

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

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