Quantitation Report (Qedit)

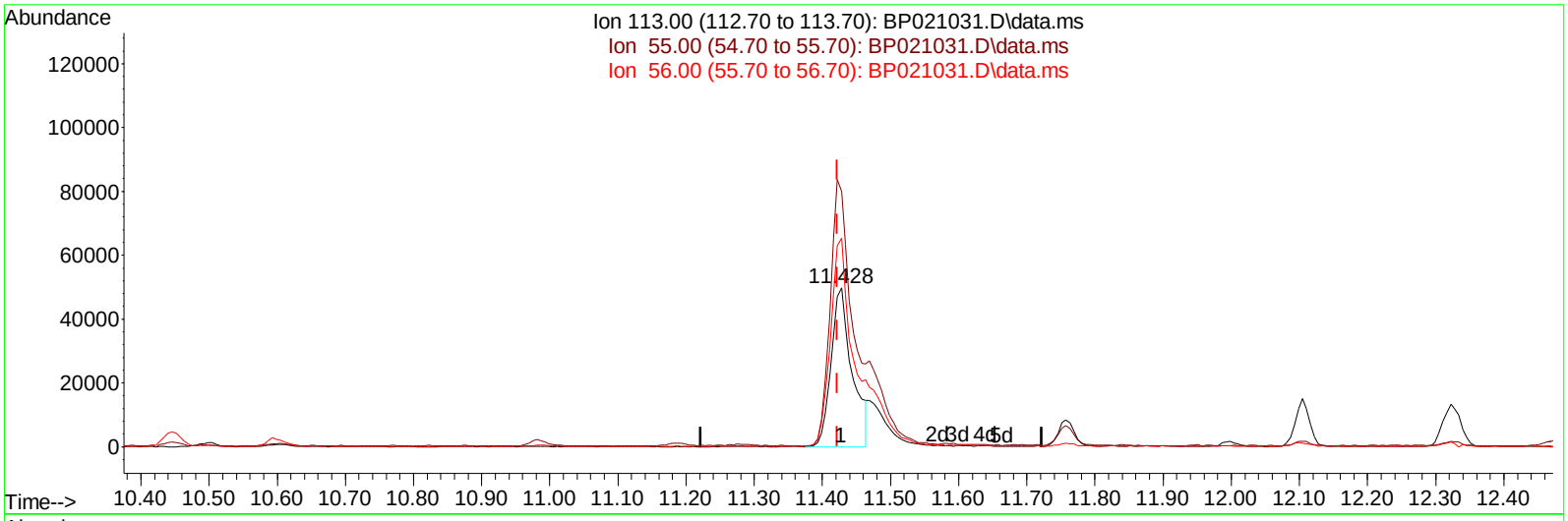
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021031.D
Acq On : 18 Jul 2024 01:26
Operator : MA/JU
Sample : P3215-09MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

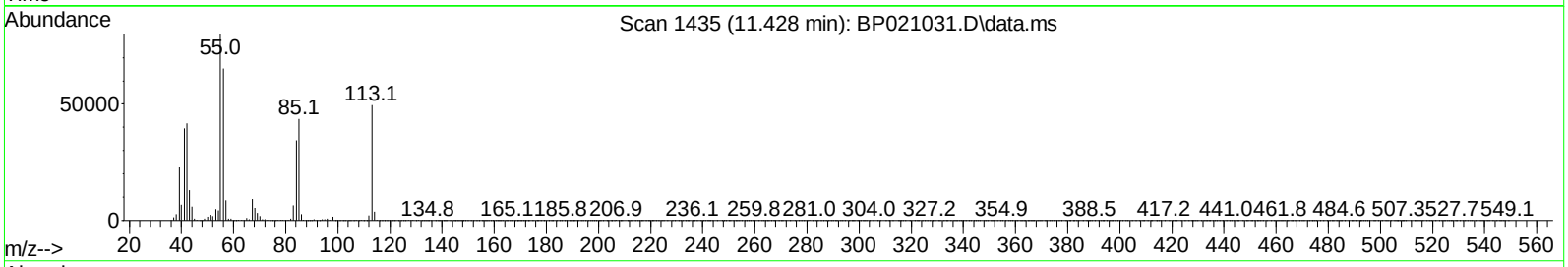
Quant Time: Jul 18 02:38:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

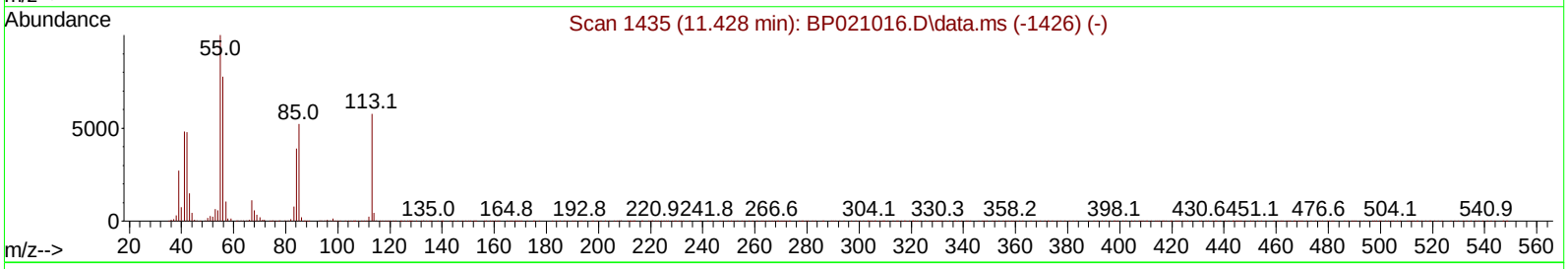
Instrument :
BNA_P
ClientSampleId :
A4D23MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024







TIC: BP021031.D\data.ms

(34) Caprolactam

11.428min (+ 0.006) 29.91 ng/ul

response 106412

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	160.75
56.00	131.90	131.30
0.00	0.00	0.00

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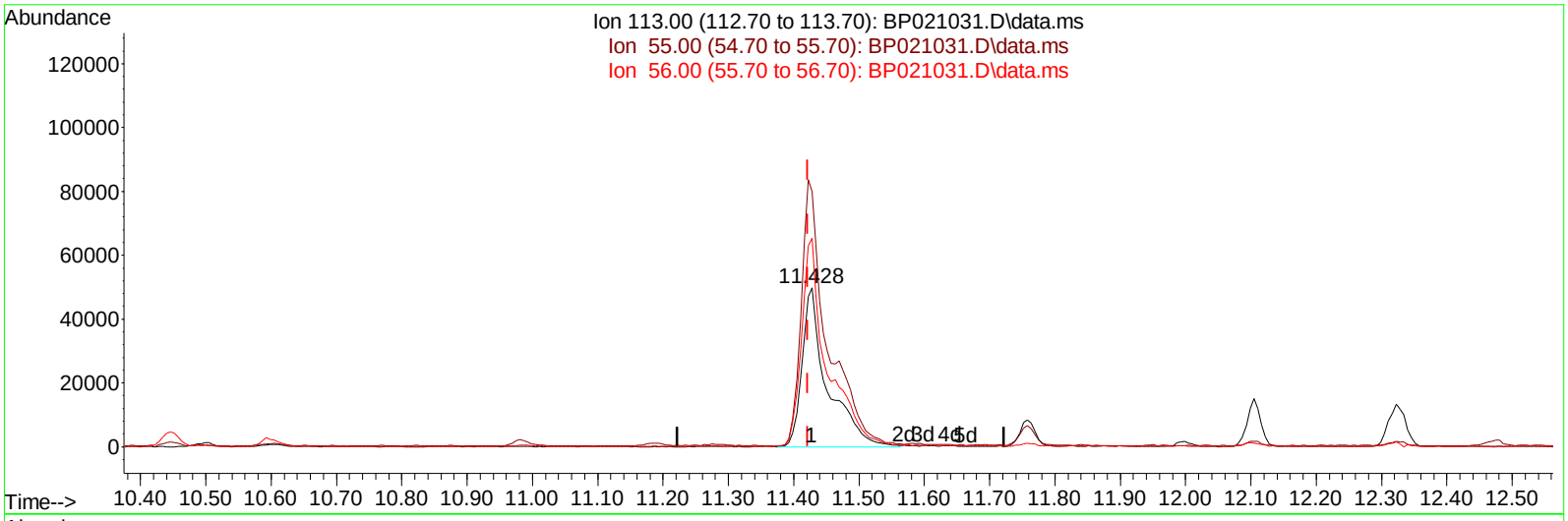

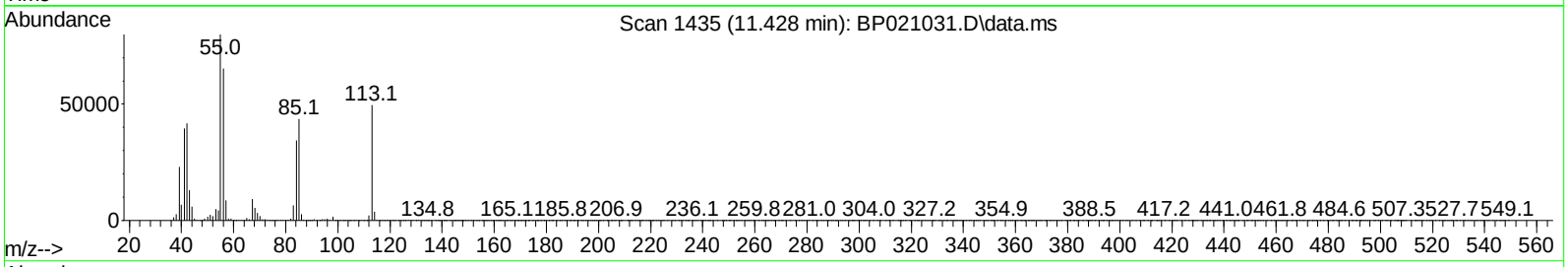

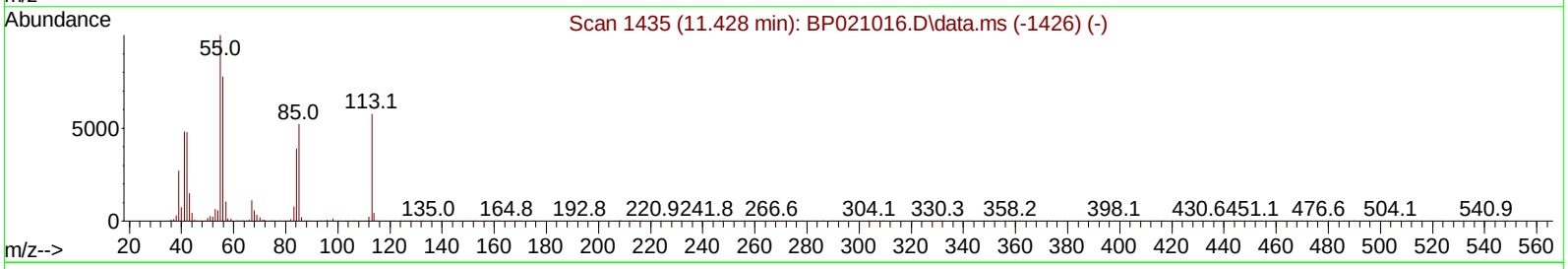

TIC: BP021031.D\data.ms

(34) Caprolactam

11.428min (+ 0.006) 37.86 ng/ul m

response 134674

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	160.75
56.00	131.90	131.30
0.00	0.00	0.00

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Sample : P3215-09MS
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Instrument :
BNA_P
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	182226	20.000	ng/ul	0.00
20) Naphthalene-d8	10.446	136	728899	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	480282	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	1109774	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1124361	20.000	ng/ul	0.01
88) Perylene-d12	24.874	264	1319827	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	17286	4.317	ng/uL	0.00
4) Pyridine-d5	3.652	84	235733	20.334	ng/ul	0.00
7) Phenol-d5	6.893	99	411306	27.686	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	243117	27.003	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	343570	28.069	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	345973	28.039	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	167997	29.674	ng/ul	0.00
24) 2-Nitrophenol-d4	9.540	143	190411	29.385	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	357496	30.511	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	409764	26.398	ng/ul	0.01
46) Dimethylphthalate-d6	13.710	166	1038177	29.735	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	1191557	30.394	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	158142	31.835	ng/ul	0.00
60) Fluorene-d10	15.316	176	911989	31.840	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	186669	27.800	ng/ul	0.00
73) Anthracene-d10	17.228	188	1501872	30.470	ng/ul	0.00
81) Pyrene-d10	19.604	212	1900490	27.340	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.639	264	2017318	30.991	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	53403	12.126	ng/uL	95
5) Pyridine	3.670	79	373652	31.248	ng/ul	99
6) Benzaldehyde	6.864	77	236517	31.578	ng/ul	99
8) Phenol	6.916	94	504585	33.565	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.128	93	376870	30.347	ng/ul	99
12) 2-Chlorophenol	7.269	128	403752	32.911	ng/ul	99
13) 2-Methylphenol	8.140	108	382845	32.929	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.199	45	545157	30.385	ng/ul	98
16) Acetophenone	8.505	105	610135	32.038	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.481	70	298846	29.949	ng/ul	98
18) 4-Methylphenol	8.463	108	417251	33.500	ng/ul	96
19) Hexachloroethane	8.740	117	166288	30.163	ng/ul	97
22) Nitrobenzene	8.881	77	457625	33.743	ng/ul	98
23) Isophorone	9.399	82	857310	31.798	ng/ul	100
25) 2-Nitrophenol	9.575	139	238546	35.298	ng/ul	96
26) 2,4-Dimethylphenol	9.640	107	438410	32.898	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.863	93	507785	30.985	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	406837	35.232	ng/ul	98
30) Naphthalene	10.499	128	1273671	33.220	ng/ul	99
32) 4-Chloroaniline	10.622	127	410885	27.720	ng/ul	97
33) Hexachlorobutadiene	10.752	225	273644	31.604	ng/ul	99
34) Caprolactam	11.428	113	134674m	37.859	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	447367	35.641	ng/ul	98

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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.104	142	877124	33.327	ng/ul	100
37) 1-Methylnaphthalene	12.322	142	902849	33.355	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.475	216	522942	33.527	ng/ul	99
40) Hexachlorocyclopentadiene	12.440	237	124267	15.230	ng/ul	99
41) 2,4,6-Trichlorophenol	12.734	196	336684	34.161	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	370443	35.524	ng/ul	97
43) 1,1'-Biphenyl	13.128	154	1172085	33.393	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	928037	33.120	ng/ul	100
45) 2-Nitroaniline	13.398	65	297774	38.428	ng/ul	99
47) Dimethylphthalate	13.757	163	1162389	32.812	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	251453	35.503	ng/ul	99
50) Acenaphthylene	14.028	152	1493370	33.644	ng/ul	99
51) 3-Nitroaniline	14.240	138	259042	42.030	ng/ul	95
52) Acenaphthene	14.369	153	978735	33.222	ng/ul	100
53) 2,4-Dinitrophenol	14.463	184	129814	34.901	ng/ul	99
55) 4-Nitrophenol	14.581	109	162528	40.222	ng/ul	96
56) Dibenzofuran	14.710	168	1386846	34.376	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	371922	38.253	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.951	232	313662	35.126	ng/ul	96
59) Diethylphthalate	15.151	149	1190399	33.623	ng/ul	99
61) Fluorene	15.375	166	1148772	34.894	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	590938	33.080	ng/ul	98
63) 4-Nitroaniline	15.428	138	266697	52.252	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.487	198	230304	32.343	ng/ul	94
67) N-Nitrosodiphenylamine	15.592	169	994239	30.766	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	391897	30.128	ng/ul	98
69) Hexachlorobenzene	16.392	284	469813	31.500	ng/ul	99
70) Atrazine	16.575	200	303219	25.745	ng/ul	99
71) Pentachlorophenol	16.775	266	265742	32.805	ng/ul	99
72) Phenanthrene	17.175	178	1975664	34.317	ng/ul	99
74) Anthracene	17.263	178	1976915	33.683	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.093	216	515376	29.015	ng/uL	98
76) Pentachlorobenzene	14.634	250	522811	29.621	ng/uL	99
77) Carbazole	17.545	167	1819378	37.921	ng/ul	99
78) Di-n-butylphthalate	18.122	149	2208352	33.362	ng/ul	100
80) Fluoranthene	19.251	202	2559038	30.484	ng/ul	98
82) Pyrene	19.633	202	2668785	31.242	ng/ul	99
83) Butylbenzylphthalate	20.580	149	1085405	30.496	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.469	252	642388	25.003	ng/ul	100
85) Benzo(a)anthracene	21.539	228	2661458	33.791	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1660653	32.422	ng/ul	100
87) Chrysene	21.610	228	2536406	34.657	ng/ul	99
89) Di-n-octyl phthalate	22.704	149	2763171	31.692	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	2882205	35.985	ng/ul	99
91) Benzo(k)fluoranthene	23.892	252	2661526	33.298	ng/ul	99
93) Benzo(a)pyrene	24.716	252	2374039	31.367	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.627	276	3346065	34.308	ng/ul	99
95) Dibenzo(a,h)anthracene	28.680	278	2661175	32.950	ng/ul	99
96) Benzo(g,h,i)perylene	29.809	276	2611377	32.877	ng/ul	98

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

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