Quantitation Report (Qedit)

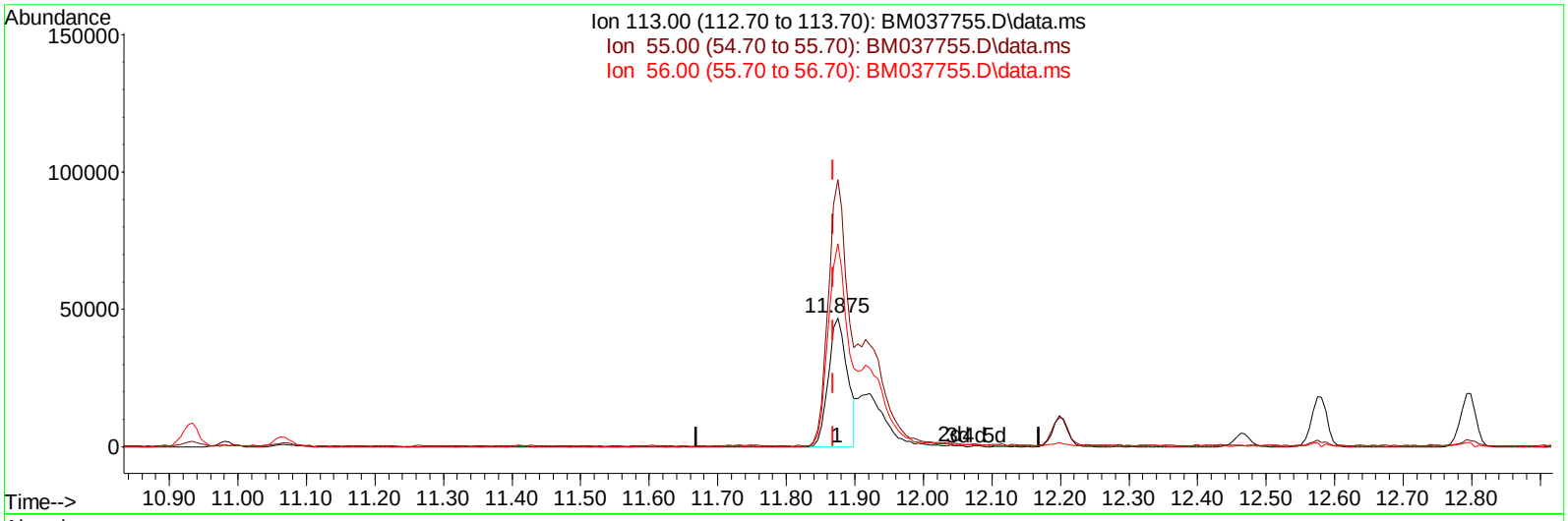
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
Data File : BM037755.D
Acq On : 28 Nov 2022 12:17
Operator : CG/JU
Sample : N5658-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

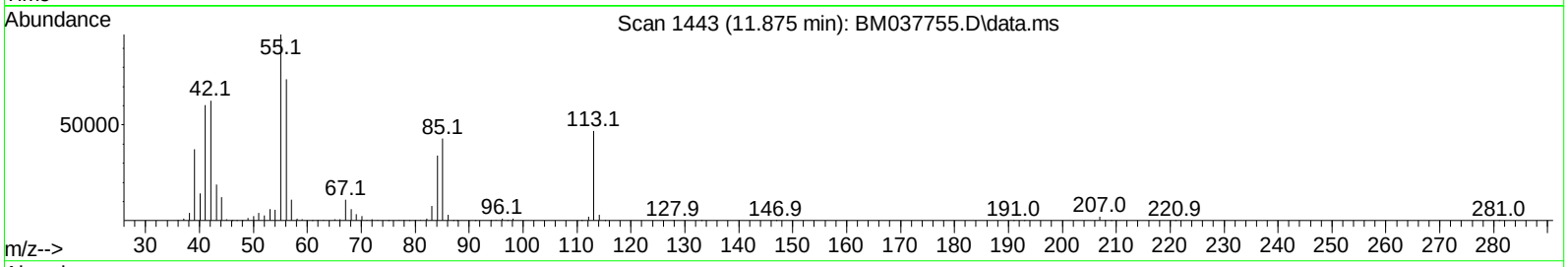
Quant Time: Nov 28 22:27:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 28 22:24:47 2022
Response via : Initial Calibration

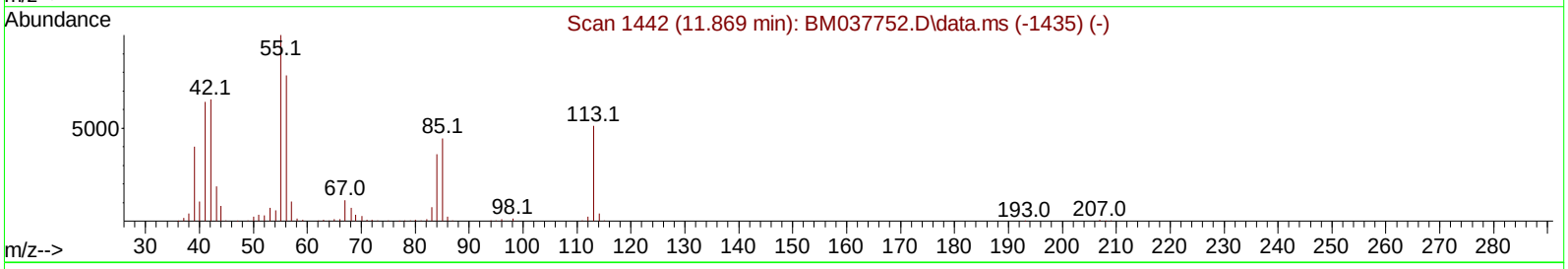
Instrument :
BNA_M
ClientSampleId :
ESQT3MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022







TIC: BM037755.D\data.ms

(34) Caprolactam

11.875min (+ 0.006) 17.18 ng/ul

response 90842

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	207.16
56.00	150.40	157.35
0.00	0.00	0.00

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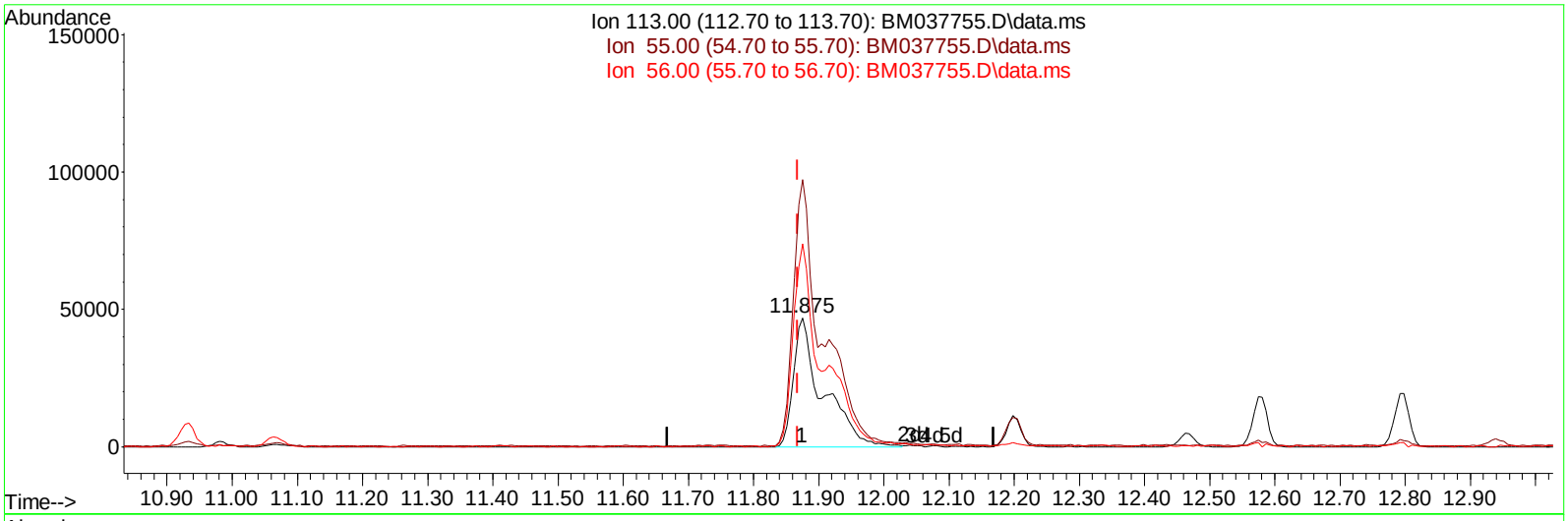

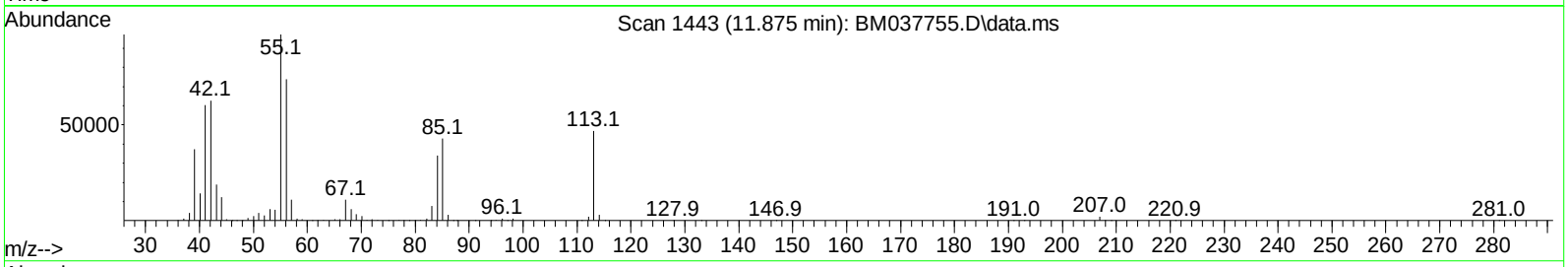

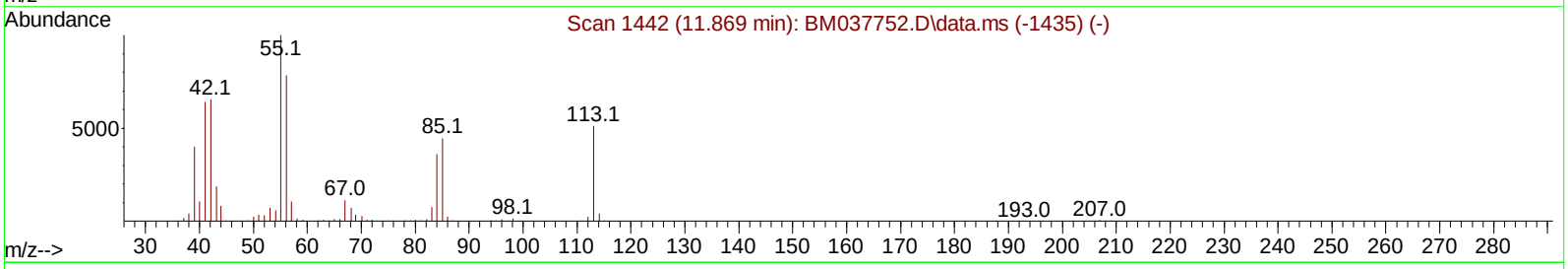

TIC: BM037755.D\data.ms

(34) Caprolactam

11.875min (+ 0.006) 27.61 ng/ul m

response 146016

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	207.16
56.00	150.40	157.35
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	8.110	152	178956	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	877959	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.734	164	574533	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	1220817	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1109537	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	940253	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	22945	5.317	ng/uL	0.00
4) Pyridine-d5	3.881	84	59018	4.202	ng/ul	0.01
7) Phenol-d5	7.258	99	513044	28.736	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	339758	28.528	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	375847	30.296	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	406699	28.626	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	206499	30.002	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	204217	30.112	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	373459	30.091	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	351571	17.071	ng/ul	0.00
46) Dimethylphthalate-d6	14.139	166	1219462	29.966	ng/ul	0.00
49) Acenaphthylene-d8	14.434	160	1445294	30.089	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	250002	27.890	ng/ul	0.00
60) Fluorene-d10	15.722	176	1092537	30.654	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	178229	27.139	ng/ul	0.00
73) Anthracene-d10	17.569	188	1751065	30.672	ng/ul	0.00
81) Pyrene-d10	19.851	212	1963900	34.831	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1544953	31.922	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	53100	11.193	ng/uL	92
5) Pyridine	3.899	79	146769	10.276	ng/ul	95
6) Benzaldehyde	7.240	77	338573	36.131	ng/ul	97
8) Phenol	7.287	94	559437	29.894	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.522	93	434350	28.629	ng/ul	99
12) 2-Chlorophenol	7.669	128	418622	30.889	ng/ul	99
13) 2-Methylphenol	8.552	108	416359	29.164	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.640	45	780617	28.485	ng/ul	99
16) Acetophenone	8.940	105	713271	30.498	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.928	70	402525	29.365	ng/ul	96
18) 4-Methylphenol	8.881	108	460281	29.182	ng/ul	98
19) Hexachloroethane	9.199	117	191644	32.696	ng/ul	95
22) Nitrobenzene	9.322	77	601477	32.049	ng/ul	98
23) Isophorone	9.851	82	1108584	29.309	ng/ul	99
25) 2-Nitrophenol	10.040	139	240599	31.366	ng/ul	92
26) 2,4-Dimethylphenol	10.093	107	486216	28.863	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.334	93	626736	28.884	ng/ul	99
29) 2,4-Dichlorophenol	10.575	162	394564	31.076	ng/ul	100
30) Naphthalene	10.981	128	1451949	30.246	ng/ul	99
32) 4-Chloroaniline	11.087	127	548075	25.537	ng/ul	99
33) Hexachlorobutadiene	11.263	225	217268	32.597	ng/ul	97
34) Caprolactam	11.875	113	146016m	27.613	ng/ul	
35) 4-Chloro-3-methylphenol	12.198	107	513177	31.618	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.581	142	1002987	30.077	ng/ul	97
37) 1-Methylnaphthalene	12.798	142	1008323	30.056	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.940	216	422330	29.937	ng/ul	95
40) Hexachlorocyclopentadiene	12.922	237	232142	26.425	ng/ul	98
41) 2,4,6-Trichlorophenol	13.175	196	302679	29.796	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	331721	30.519	ng/ul	98
43) 1,1'-Biphenyl	13.575	154	1327441	30.426	ng/ul	98
44) 2-Chloronaphthalene	13.622	162	1009015	29.755	ng/ul	96
45) 2-Nitroaniline	13.822	65	429145	33.380	ng/ul	100
47) Dimethylphthalate	14.187	163	1328894	30.720	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	269329	32.243	ng/ul	91
50) Acenaphthylene	14.463	152	1669849	30.755	ng/ul	100
51) 3-Nitroaniline	14.639	138	311234	30.707	ng/ul	100
52) Acenaphthene	14.798	153	1193958	30.747	ng/ul	99
53) 2,4-Dinitrophenol	14.839	184	134058	27.354	ng/ul	95
55) 4-Nitrophenol	14.934	109	279547	34.800	ng/ul#	85
56) Dibenzofuran	15.134	168	1564149	30.862	ng/ul	95
57) 2,4-Dinitrotoluene	15.092	165	406578	33.172	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.351	232	285934	32.063	ng/ul	95
59) Diethylphthalate	15.545	149	1526519	32.696	ng/ul	100
61) Fluorene	15.781	166	1374202	31.301	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.769	204	611397	31.924	ng/ul	97
63) 4-Nitroaniline	15.798	138	332352	34.501	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.851	198	209709	30.087	ng/ul	96
67) N-Nitrosodiphenylamine	15.980	169	1171847	30.893	ng/ul	97
68) 4-Bromophenyl-phenylether	16.657	248	348274	35.468	ng/ul	95
69) Hexachlorobenzene	16.780	284	385286	30.551	ng/ul	97
70) Atrazine	16.927	200	392981	30.522	ng/ul	97
71) Pentachlorophenol	17.116	266	221409	26.515	ng/ul	96
72) Phenanthrene	17.516	178	2259832	31.600	ng/ul	99
74) Anthracene	17.604	178	2250936	31.003	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	428275	29.325	ng/uL	99
76) Pentachlorobenzene	15.051	250	422501	27.200	ng/uL	99
77) Carbazole	17.875	167	2121631	30.737	ng/ul	99
78) Di-n-butylphthalate	18.427	149	2896388	28.988	ng/ul	99
80) Fluoranthene	19.521	202	2570210	35.684	ng/ul	96
82) Pyrene	19.880	202	2693718	35.408	ng/ul	97
83) Butylbenzylphthalate	20.763	149	1317197	37.168	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.551	252	582033	26.119	ng/ul	98
85) Benzo(a)anthracene	21.621	228	2416718	32.558	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	1904674	35.572	ng/ul	98
87) Chrysene	21.674	228	2242044	32.097	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	3145319	39.160	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	2156601	33.739	ng/ul	98
91) Benzo(k)fluoranthene	23.415	252	2055275	32.971	ng/ul	98
93) Benzo(a)pyrene	24.021	252	1799508	32.391	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.745	276	1819598	28.550	ng/ul	97
95) Dibenzo(a,h)anthracene	26.756	278	1594063	27.857	ng/ul	99
96) Benzo(g,h,i)perylene	27.544	276	1348664	24.300	ng/ul	96

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

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