Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037733.D
Acq On : 26 Nov 2022 14:54
Operator : CG/JU
Sample : PB149109BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Nov 27 21:28:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:27:15 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS109

Manual IntegrationsAPPROVED

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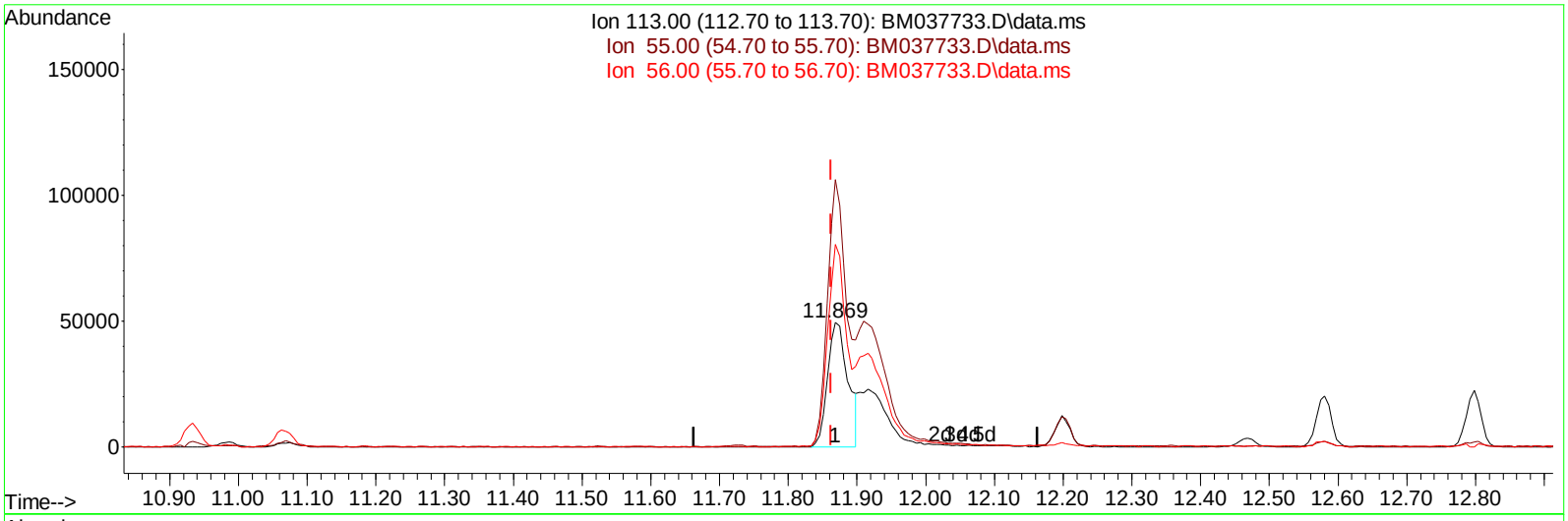
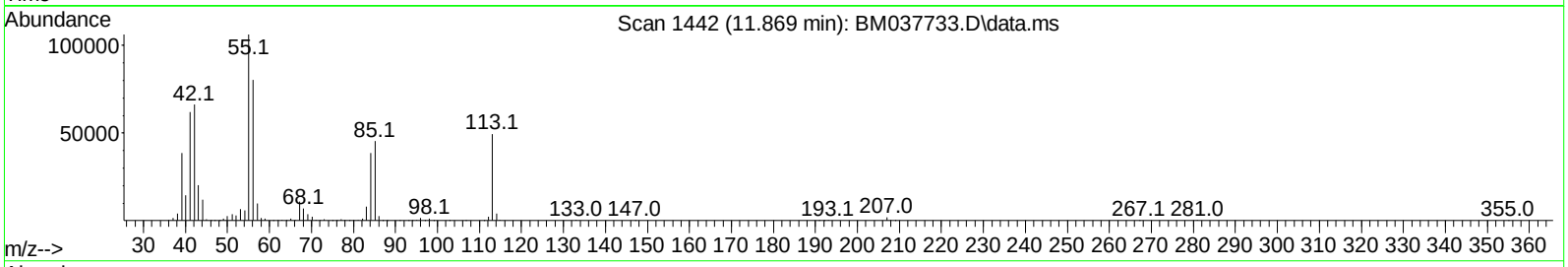
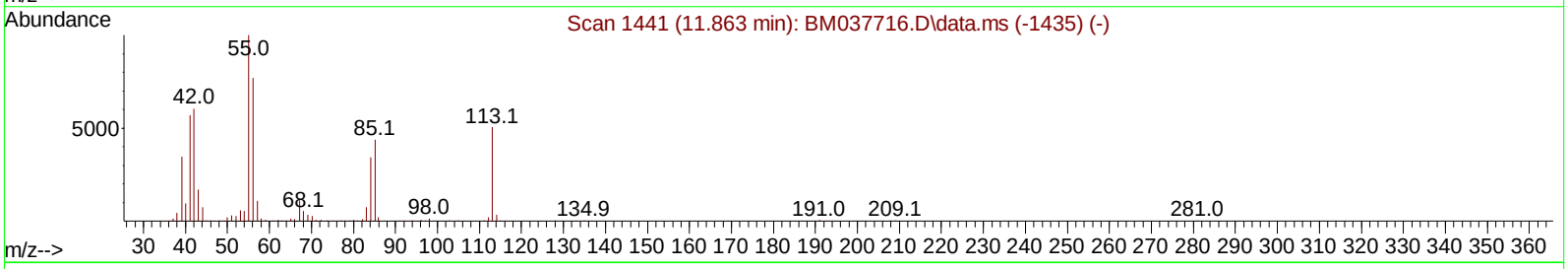
Supervised By :mohammad ahmed 11/28/2022







TIC: BM037733.D\data.ms

(34) Caprolactam

11.869min (+ 0.006) 17.69 ng/ul

response 102607

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	214.17
56.00	150.40	162.18
0.00	0.00	0.00

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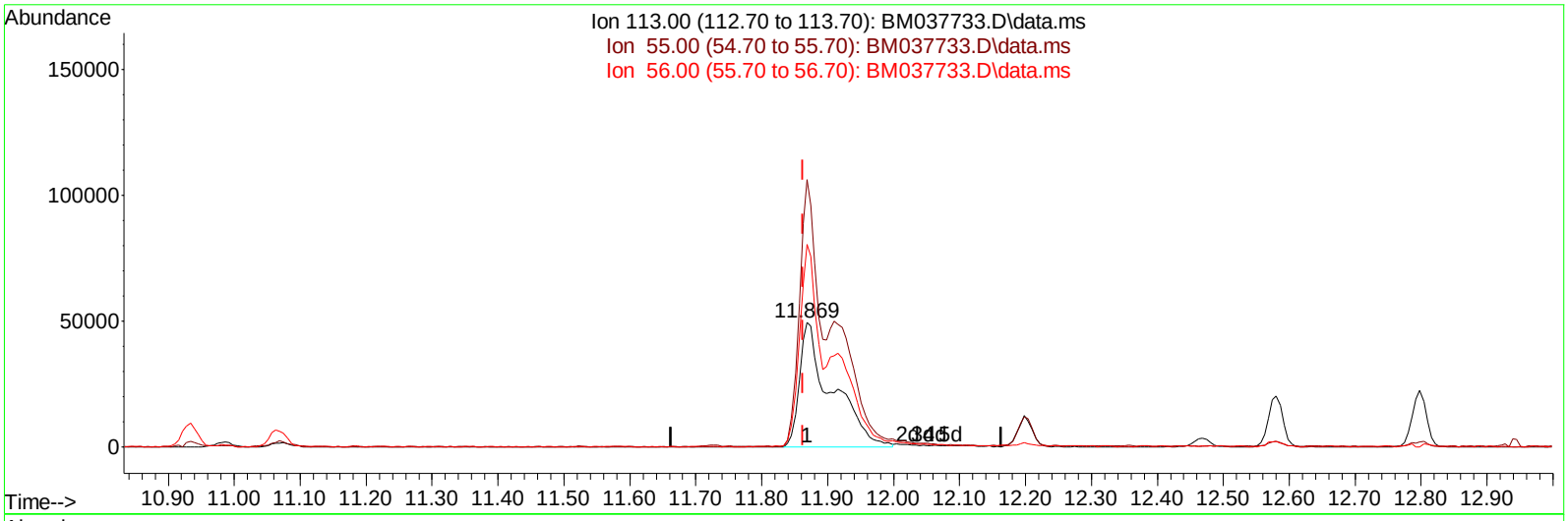

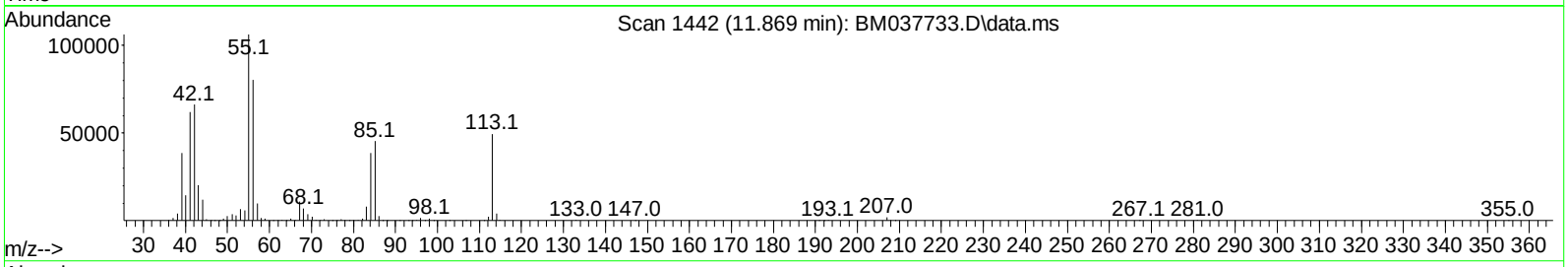

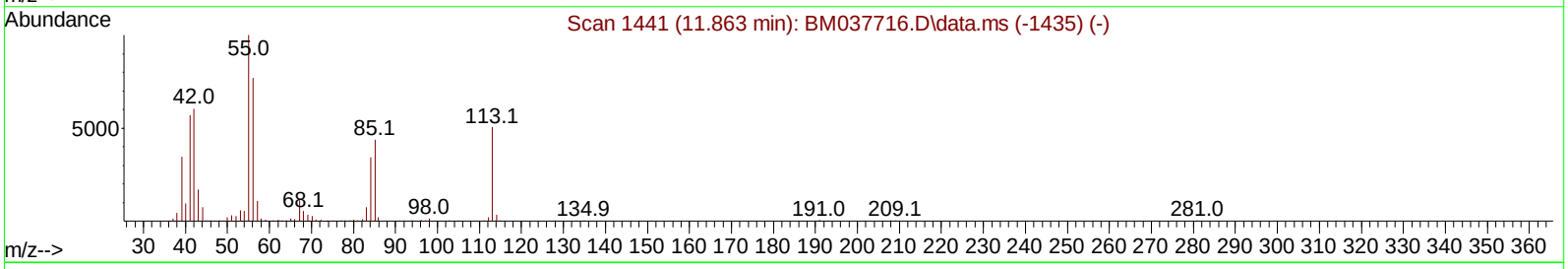

TIC: BM037733.D\data.ms

(34) Caprolactam

11.869min (+ 0.006) 28.86 ng/ul m

response 167398

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	214.17
56.00	150.40	162.18
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	187029	20.000	ng/ul	0.00
20) Naphthalene-d8	10.933	136	962921	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164	613013	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	1278183	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1196644	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	1113388	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	38690	8.579	ng/uL	0.00
4) Pyridine-d5	3.869	84	471593	32.126	ng/ul	0.00
7) Phenol-d5	7.257	99	641712	34.392	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	438648	35.241	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	466019	35.943	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	517328	34.841	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	257115	34.060	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	248775	33.445	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	452739	33.260	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	722319	31.978	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	1486812	34.242	ng/ul	0.00
49) Acenaphthylene-d8	14.433	160	1778284	34.697	ng/ul	0.00
54) 4-Nitrophenol-d4	14.921	143	330436	34.549	ng/ul	0.00
60) Fluorene-d10	15.721	176	1320674	34.729	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	219664	31.947	ng/ul	0.00
73) Anthracene-d10	17.574	188	2067356	34.587	ng/ul	0.00
81) Pyrene-d10	19.851	212	2315247	38.073	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	2069783	36.116	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	59465	11.994	ng/uL#	91
5) Pyridine	3.887	79	461562	30.921	ng/ul	95
6) Benzaldehyde	7.240	77	374577	38.248	ng/ul	96
8) Phenol	7.287	94	619665	31.683	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.528	93	496548	31.316	ng/ul	97
12) 2-Chlorophenol	7.669	128	468253	33.060	ng/ul	98
13) 2-Methylphenol	8.551	108	470922	31.562	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.645	45	893835	31.209	ng/ul	99
16) Acetophenone	8.939	105	777407	31.805	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.928	70	458296	31.991	ng/ul	95
18) 4-Methylphenol	8.881	108	528523	32.062	ng/ul	100
19) Hexachloroethane	9.204	117	202242	33.015	ng/ul	94
22) Nitrobenzene	9.328	77	670786	32.589	ng/ul	98
23) Isophorone	9.857	82	1265766	30.512	ng/ul	99
25) 2-Nitrophenol	10.039	139	261978	31.140	ng/ul	93
26) 2,4-Dimethylphenol	10.092	107	557546	30.177	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.334	93	718627	30.197	ng/ul	99
29) 2,4-Dichlorophenol	10.575	162	423959	30.444	ng/ul	97
30) Naphthalene	10.986	128	1618173	30.734	ng/ul	100
32) 4-Chloroaniline	11.092	127	683353	29.031	ng/ul	100
33) Hexachlorobutadiene	11.269	225	212995	29.136	ng/ul	98
34) Caprolactam	11.869	113	167398m	28.863	ng/ul	
35) 4-Chloro-3-methylphenol	12.198	107	572710	32.172	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.580	142	1107865	30.291	ng/ul	100
37) 1-Methylnaphthalene	12.798	142	1115994	30.330	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.939	216	432413	28.727	ng/ul#	94
40) Hexachlorocyclopentadiene	12.922	237	239057	25.504	ng/ul	96
41) 2,4,6-Trichlorophenol	13.180	196	318754	29.408	ng/ul	97
42) 2,4,5-Trichlorophenol	13.245	196	352209	30.370	ng/ul	100
43) 1,1'-Biphenyl	13.580	154	1448323	31.112	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	1101197	30.435	ng/ul	96
45) 2-Nitroaniline	13.822	65	468333	34.141	ng/ul	98
47) Dimethylphthalate	14.192	163	1440169	31.203	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	293021	32.878	ng/ul	88
50) Acenaphthylene	14.463	152	1841376	31.785	ng/ul	99
51) 3-Nitroaniline	14.639	138	351141	32.469	ng/ul	99
52) Acenaphthene	14.804	153	1314143	31.718	ng/ul	99
53) 2,4-Dinitrophenol	14.839	184	140277	26.827	ng/ul	91
55) 4-Nitrophenol	14.933	109	294788	34.394	ng/ul	91
56) Dibenzofuran	15.133	168	1693212	31.312	ng/ul	95
57) 2,4-Dinitrotoluene	15.092	165	431301	32.980	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.357	232	292033	30.691	ng/ul	96
59) Diethylphthalate	15.545	149	1635856	32.838	ng/ul	99
61) Fluorene	15.780	166	1476039	31.510	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.768	204	629820	30.821	ng/ul	93
63) 4-Nitroaniline	15.798	138	370221	36.019	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.851	198	211569	28.992	ng/ul#	89
67) N-Nitrosodiphenylamine	15.980	169	1271465	32.015	ng/ul	98
68) 4-Bromophenyl-phenylether	16.663	248	340415	33.111	ng/ul	96
69) Hexachlorobenzene	16.780	284	401727	30.425	ng/ul	96
70) Atrazine	16.927	200	406571	30.160	ng/ul	98
71) Pentachlorophenol	17.121	266	250105	28.608	ng/ul	99
72) Phenanthrene	17.515	178	2390188	31.923	ng/ul	99
74) Anthracene	17.609	178	2397832	31.544	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	435025	28.450	ng/uL	99
76) Pentachlorobenzene	15.051	250	435969	26.807	ng/uL	98
77) Carbazole	17.874	167	2307603	31.931	ng/ul	99
78) Di-n-butylphthalate	18.427	149	3018582	28.855	ng/ul	99
80) Fluoranthene	19.521	202	2689485	34.622	ng/ul	99
82) Pyrene	19.880	202	2855584	34.803	ng/ul	98
83) Butylbenzylphthalate	20.762	149	1406982	36.811	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.550	252	784615	32.647	ng/ul	98
85) Benzo(a)anthracene	21.621	228	2624210	32.780	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	2046482	35.439	ng/ul	100
87) Chrysene	21.680	228	2424567	32.184	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	3497665	36.775	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	2489371	32.889	ng/ul	99
91) Benzo(k)fluoranthene	23.415	252	2413803	32.701	ng/ul	99
93) Benzo(a)pyrene	24.021	252	2122940	32.271	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.744	276	2333252	30.916	ng/ul	99
95) Dibenzo(a,h)anthracene	26.762	278	2048708	30.234	ng/ul	99
96) Benzo(g,h,i)perylene	27.550	276	1982785	30.170	ng/ul	99

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

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