Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091522\
Data File : BM036554.D
Acq On : 15 Sep 2022 20:15
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 16 02:46:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV025

Manual IntegrationsAPPROVED

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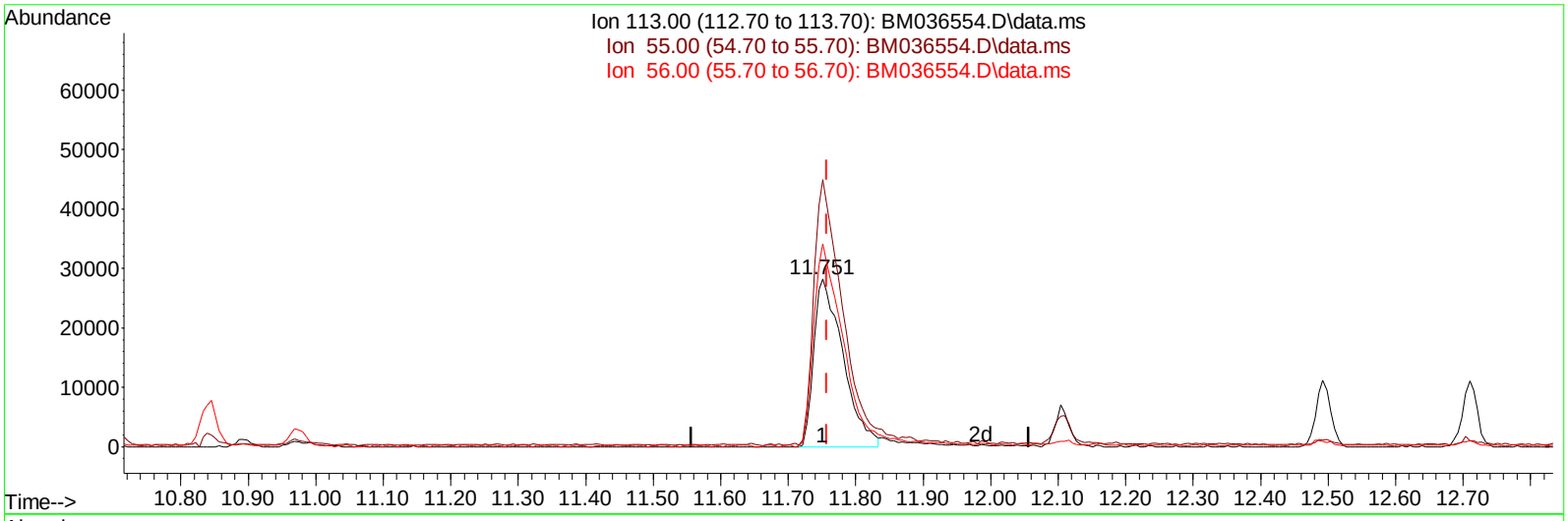
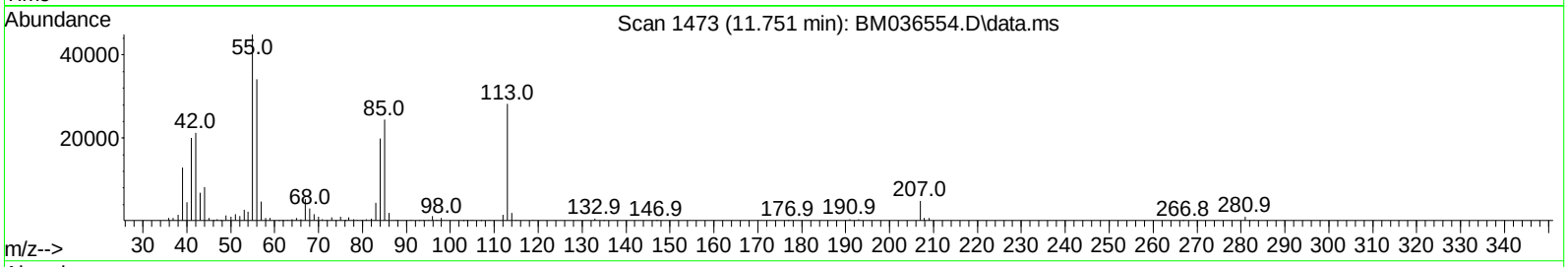
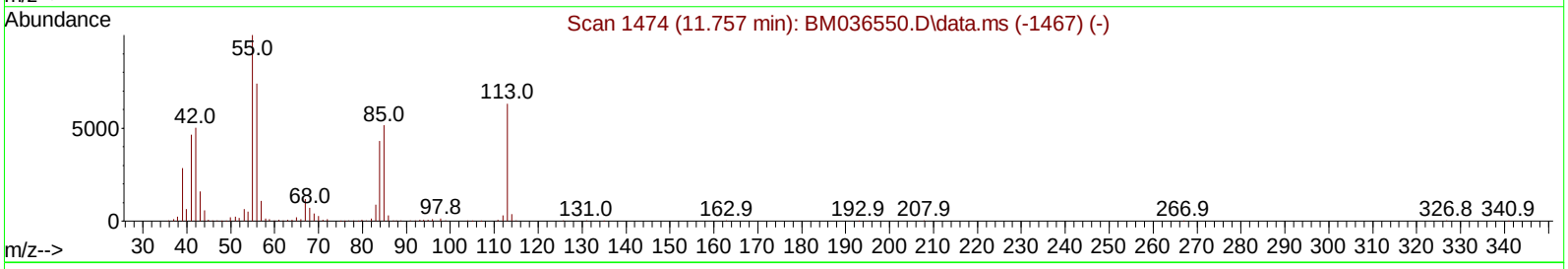
Supervised By :mohammad ahmed 09/19/2022







TIC: BM036554.D\data.ms

(34) Caprolactam

11.751min (-0.006) 16.14 ng/ul

response 84717

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	159.25
56.00	118.30	121.21
0.00	0.00	0.00

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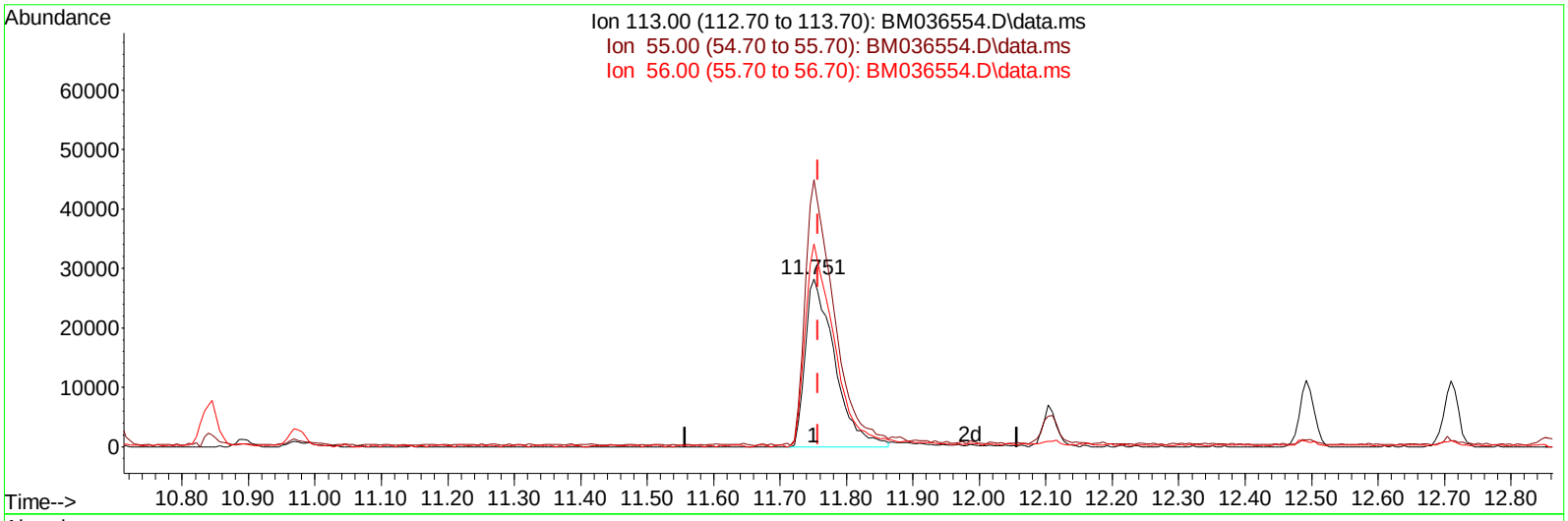

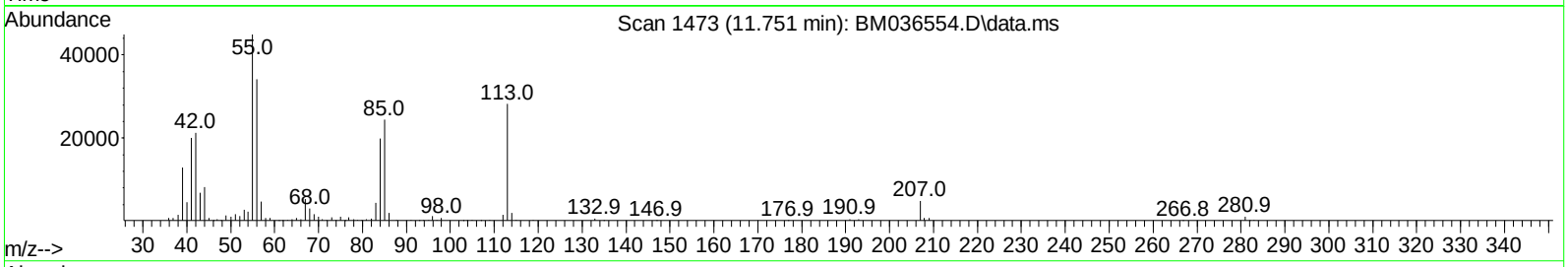

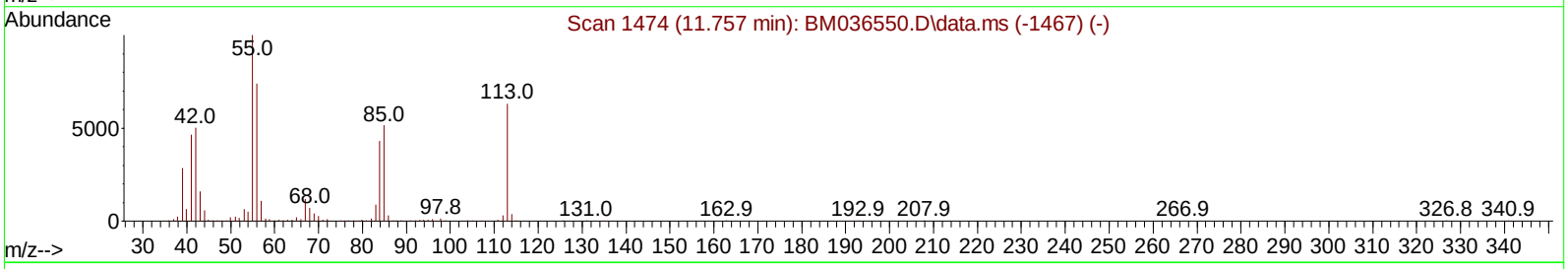

TIC: BM036554.D\data.ms

(34) Caprolactam

11.751min (-0.006) 16.52 ng/ul m

response 86708

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	159.25
56.00	118.30	121.21
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	8.028	152	253100	20.000	ng/ul	0.00
20) Naphthalene-d8	10.845	136	1095663	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	693967	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1459683	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	1653116	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	1722876	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	48117	7.127	ng/uL	0.00
4) Pyridine-d5	3.816	84	324331	16.472	ng/ul	0.00
7) Phenol-d5	7.175	99	357132	15.790	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	262051	19.078	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	293232	18.007	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	291594	17.448	ng/ul	0.00
21) Nitrobenzene-d5	9.192	128	134006	18.070	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	114932	17.302	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	268555	17.445	ng/ul	0.00
31) 4-Chloroaniline-d4	10.974	131	437490	17.093	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	867715	18.539	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	1053971	18.984	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	147516	16.250	ng/ul	0.00
60) Fluorene-d10	15.639	176	756090	18.026	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	80398	13.921	ng/ul	0.00
73) Anthracene-d10	17.486	188	1166569	17.479	ng/ul	0.00
81) Pyrene-d10	19.768	212	1382290	16.997	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.838	264	1466012	17.417	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	49157	6.759	ng/uL	97
5) Pyridine	3.834	79	299714	15.150	ng/ul	98
6) Benzaldehyde	7.157	77	265187	24.212	ng/ul	98
8) Phenol	7.198	94	391754	16.138	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.445	93	317358	16.803	ng/ul	98
12) 2-Chlorophenol	7.586	128	304905	17.309	ng/ul	98
13) 2-Methylphenol	8.463	108	292317	16.383	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	369382	16.501	ng/ul	98
16) Acetophenone	8.851	105	508770	17.551	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.839	70	241315	17.252	ng/ul	97
18) 4-Methylphenol	8.792	108	319744	16.572	ng/ul	99
19) Hexachloroethane	9.122	117	120017	16.821	ng/ul	93
22) Nitrobenzene	9.233	77	337670	17.149	ng/ul	99
23) Isophorone	9.763	82	648000	16.141	ng/ul	98
25) 2-Nitrophenol	9.951	139	139165	16.962	ng/ul	99
26) 2,4-Dimethylphenol	10.004	107	344078	17.003	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.251	93	415948	17.383	ng/ul	99
29) 2,4-Dichlorophenol	10.480	162	281268	17.379	ng/ul	99
30) Naphthalene	10.892	128	1017002	17.039	ng/ul	100
32) 4-Chloroaniline	10.998	127	445920	16.875	ng/ul	99
33) Hexachlorobutadiene	11.180	225	168674	17.041	ng/ul	98
34) Caprolactam	11.751	113	86708m	16.517	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	305423	17.096	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.492	142	692908	17.424	ng/ul	99
37) 1-Methylnaphthalene	12.710	142	667783	16.703	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.857	216	339903	17.305	ng/ul	98
40) Hexachlorocyclopentadiene	12.839	237	163933	16.015	ng/ul	99
41) 2,4,6-Trichlorophenol	13.086	196	202594	16.845	ng/ul	97
42) 2,4,5-Trichlorophenol	13.157	196	226206	17.543	ng/ul	98
43) 1,1'-Biphenyl	13.492	154	919984	17.984	ng/ul	100
44) 2-Chloronaphthalene	13.533	162	693073	17.265	ng/ul	99
45) 2-Nitroaniline	13.733	65	170062	17.212	ng/ul	99
47) Dimethylphthalate	14.110	163	858446	17.291	ng/ul	99
48) 2,6-Dinitrotoluene	14.221	165	163451	20.249	ng/ul	96
50) Acenaphthylene	14.374	152	1124089	17.710	ng/ul	100
51) 3-Nitroaniline	14.551	138	185447	19.156	ng/ul	96
52) Acenaphthene	14.715	153	767005	17.270	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	46440	12.966	ng/ul	95
55) 4-Nitrophenol	14.839	109	127926	16.485	ng/ul	97
56) Dibenzofuran	15.051	168	1076432	18.048	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	208137	17.737	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.268	232	192557	17.840	ng/ul	99
59) Diethylphthalate	15.468	149	839740	16.896	ng/ul	99
61) Fluorene	15.692	166	895938	17.637	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	416893	17.160	ng/ul	99
63) 4-Nitroaniline	15.704	138	198226	21.075	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.762	198	88957	13.650	ng/ul	97
67) N-Nitrosodiphenylamine	15.898	169	738615	17.180	ng/ul	100
68) 4-Bromophenyl-phenylether	16.580	248	239580	16.652	ng/ul	98
69) Hexachlorobenzene	16.692	284	282065	16.576	ng/ul	99
70) Atrazine	16.845	200	246323	16.237	ng/ul	97
71) Pentachlorophenol	17.033	266	145321	14.377	ng/ul	98
72) Phenanthrene	17.427	178	1387207	17.254	ng/ul	100
74) Anthracene	17.521	178	1409035	17.242	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.457	216	330332	16.546	ng/uL	99
76) Pentachlorobenzene	14.968	250	335239	15.525	ng/uL	99
77) Carbazole	17.786	167	1340886	17.722	ng/ul	100
78) Di-n-butylphthalate	18.356	149	1376308	16.049	ng/ul	100
80) Fluoranthene	19.433	202	1587350	15.928	ng/ul	100
82) Pyrene	19.797	202	1725574	16.358	ng/ul	99
83) Butylbenzylphthalate	20.697	149	617886	15.458	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.468	252	662047	20.496	ng/ul	98
85) Benzo(a)anthracene	21.538	228	1778443	17.170	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	1069918	18.323	ng/ul	99
87) Chrysene	21.591	228	1709265	17.386	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	1602195	15.425	ng/ul	100
90) Benzo(b)fluoranthene	23.250	252	1858733	17.013	ng/ul	99
91) Benzo(k)fluoranthene	23.297	252	1850122	16.947	ng/ul	99
93) Benzo(a)pyrene	23.891	252	1642080	17.097	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.544	276	2022580	18.033	ng/ul	99
95) Dibenzo(a,h)anthracene	26.568	278	1798085	17.677	ng/ul	98
96) Benzo(g,h,i)perylene	27.326	276	1727800	17.770	ng/ul	99

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

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