Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039508.D
Acq On : 19 Apr 2023 22:54
Operator : CG/JU
Sample : PB152217BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Apr 20 01:17:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 08:18:41 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS217

Manual IntegrationsAPPROVED

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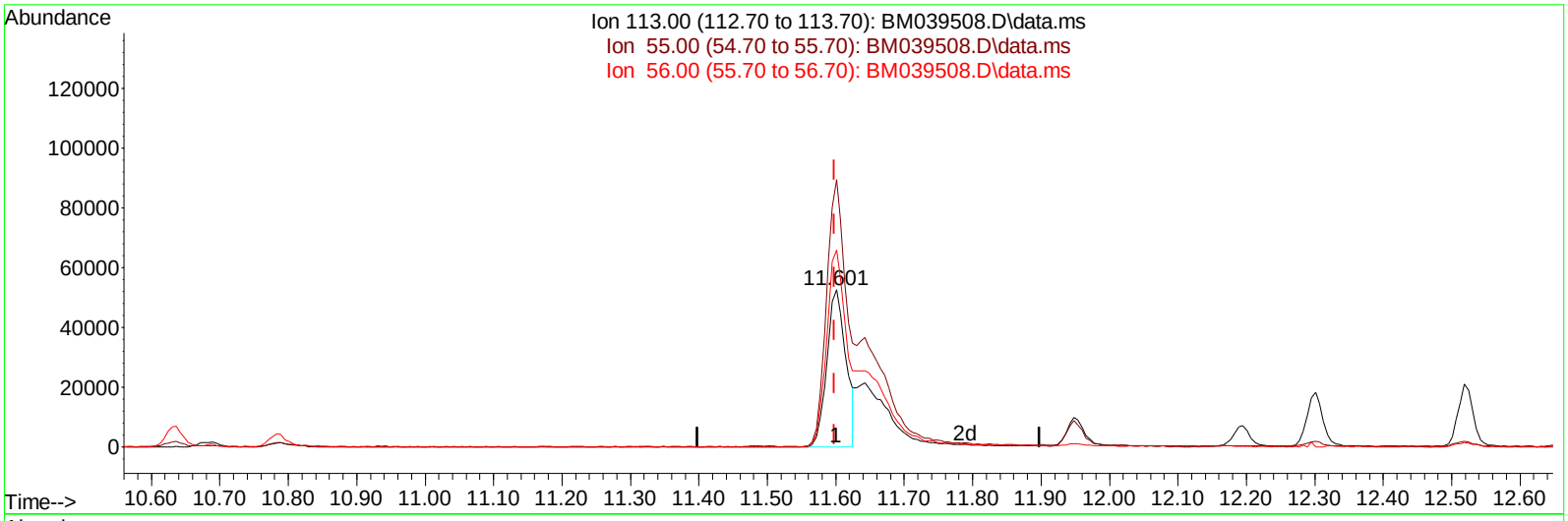
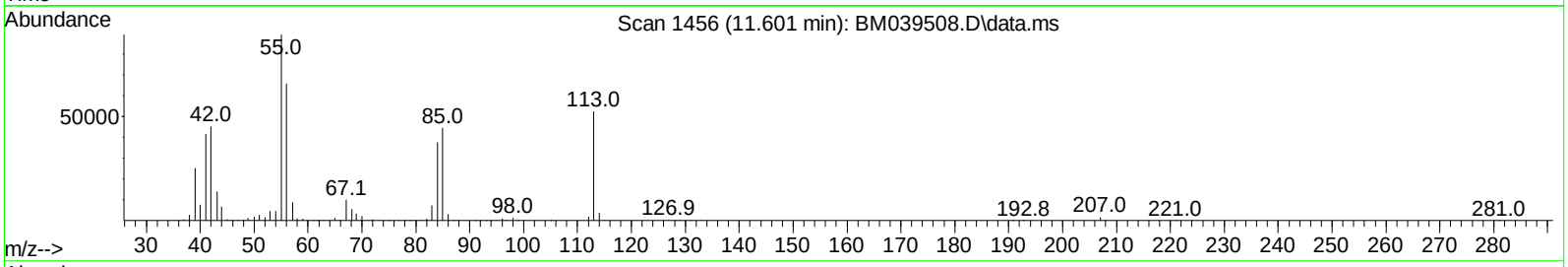
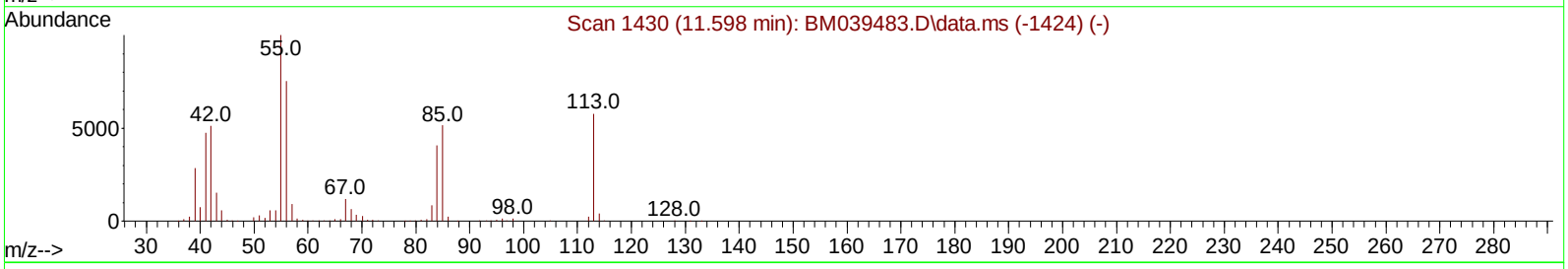
Supervised By :Jagrut Upadhyay 04/20/2023







TIC: BM039508.D\data.ms

(34) Caprolactam

11.601min (+ 0.003) 17.91 ng/ul

response 101989

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	170.16
56.00	129.90	125.48
0.00	0.00	0.00

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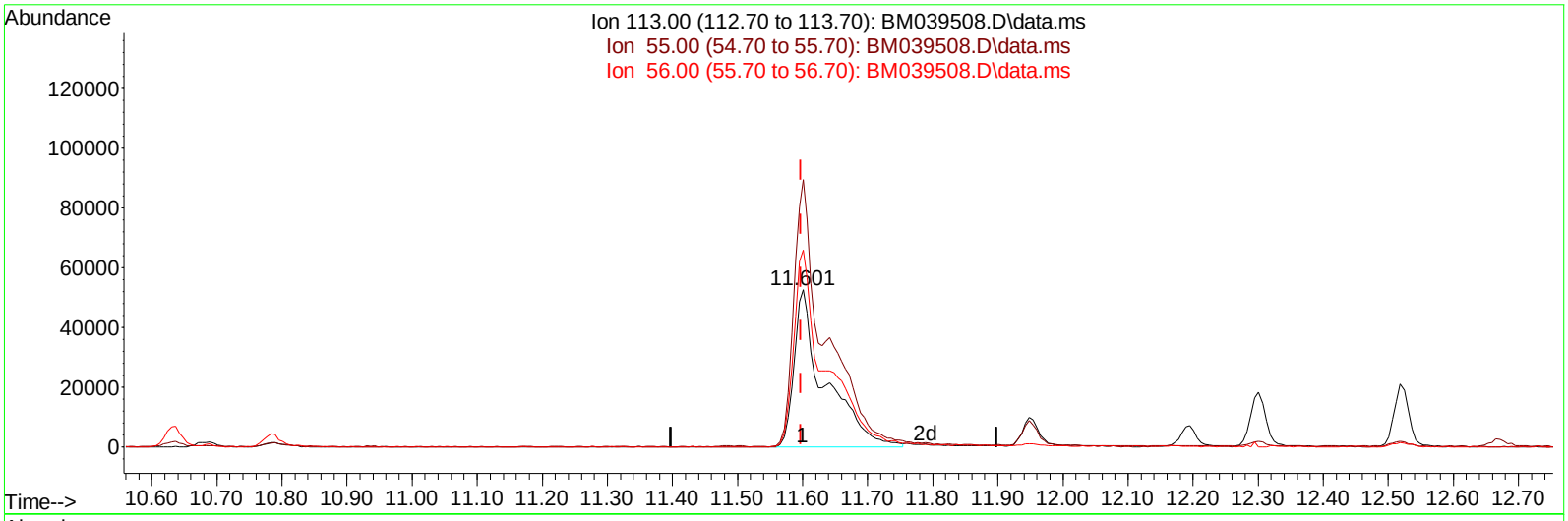

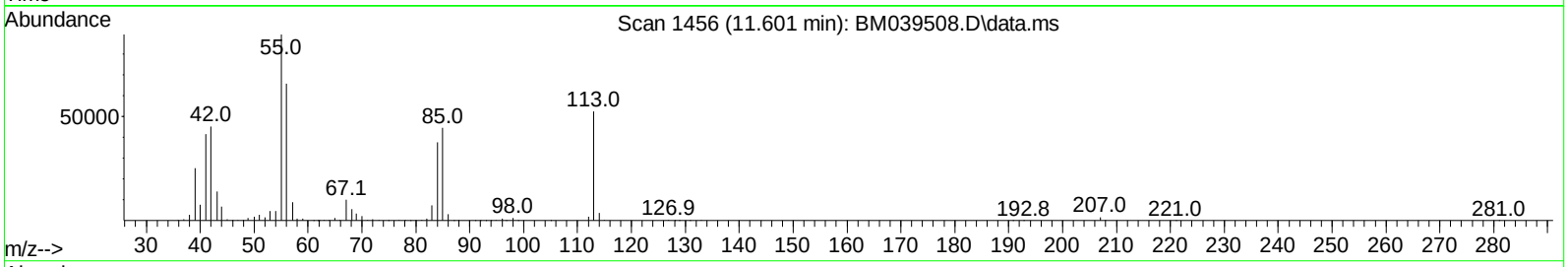

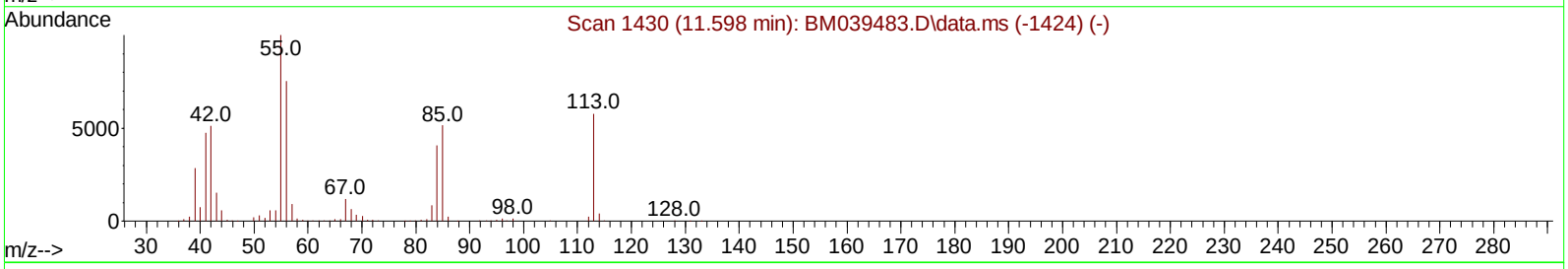

TIC: BM039508.D\data.ms

(34) Caprolactam

11.601min (+ 0.003) 30.30 ng/ul m

response 172581

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	170.16
56.00	129.90	125.48
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	7.825	152	223726	20.000	ng/ul	0.00
20) Naphthalene-d8	10.636	136	998727	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	618014	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.236	188	1232063	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	892827	20.000	ng/ul	0.00
88) Perylene-d12	23.788	264	864698	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	37242	6.390	ng/uL	0.00
4) Pyridine-d5	3.637	84	502958	30.711	ng/ul	0.00
7) Phenol-d5	7.013	99	690803	33.736	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	450781	33.307	ng/ul	0.00
11) 2-Chlorophenol-d4	7.360	132	568376	35.385	ng/ul	0.00
15) 4-Methylphenol-d8	8.560	113	558985	33.889	ng/ul	0.00
21) Nitrobenzene-d5	9.001	128	285914	35.584	ng/ul	0.00
24) 2-Nitrophenol-d4	9.719	143	322791	35.777	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.266	165	558491	35.975	ng/ul	0.00
31) 4-Chloroaniline-d4	10.783	131	719947	31.050	ng/ul	0.00
46) Dimethylphthalate-d6	13.901	166	1726896	34.647	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	1969743	35.178	ng/ul	0.00
54) 4-Nitrophenol-d4	14.718	143	234861	31.135	ng/ul	0.00
60) Fluorene-d10	15.477	176	1404269	34.389	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.612	200	267277	32.645	ng/ul	0.00
73) Anthracene-d10	17.336	188	2075345	35.026	ng/ul	0.00
81) Pyrene-d10	19.636	212	2196099	37.016	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.641	264	1661493	35.590	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.249	88	74618	11.699	ng/uL	95
5) Pyridine	3.654	79	502150	29.079	ng/ul	98
6) Benzaldehyde	6.966	77	364117	41.621	ng/ul	99
8) Phenol	7.037	94	694934	32.597	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.254	93	574626	32.328	ng/ul	99
12) 2-Chlorophenol	7.389	128	550287	34.046	ng/ul	99
13) 2-Methylphenol	8.289	108	540356	32.632	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.366	45	777762	31.503	ng/ul	99
16) Acetophenone	8.660	105	885940	32.700	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.648	70	471395	31.437	ng/ul	99
18) 4-Methylphenol	8.625	108	585212	32.734	ng/ul	99
19) Hexachloroethane	8.901	117	237551	32.360	ng/ul	99
22) Nitrobenzene	9.042	77	665108	33.525	ng/ul	100
23) Isophorone	9.566	82	1341501	31.710	ng/ul	99
25) 2-Nitrophenol	9.754	139	324117	34.430	ng/ul	98
26) 2,4-Dimethylphenol	9.825	107	641212	33.331	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.054	93	806597	32.424	ng/ul	100
29) 2,4-Dichlorophenol	10.295	162	529585	34.630	ng/ul	100
30) Naphthalene	10.683	128	1831869	33.151	ng/ul	100
32) 4-Chloroaniline	10.807	127	658072	28.804	ng/ul	99
33) Hexachlorobutadiene	10.960	225	345670	34.304	ng/ul	99
34) Caprolactam	11.601	113	172581m	30.305	ng/ul	
35) 4-Chloro-3-methylphenol	11.948	107	591384	33.121	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.301	142	1205532	32.543	ng/ul	99
37) 1-Methylnaphthalene	12.519	142	1232305	33.103	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.671	216	640279	34.515	ng/ul	99
40) Hexachlorocyclopentadiene	12.642	237	295853	26.768	ng/ul	99
41) 2,4,6-Trichlorophenol	12.918	196	430340	34.725	ng/ul	99
42) 2,4,5-Trichlorophenol	13.001	196	457407	35.512	ng/ul	98
43) 1,1'-Biphenyl	13.313	154	1625736	34.039	ng/ul	98
44) 2-Chloronaphthalene	13.360	162	1271021	33.925	ng/ul	99
45) 2-Nitroaniline	13.577	65	356900	33.010	ng/ul	99
47) Dimethylphthalate	13.948	163	1633890	33.110	ng/ul	100
48) 2,6-Dinitrotoluene	14.077	165	335641	33.630	ng/ul	95
50) Acenaphthylene	14.207	152	1985615	33.152	ng/ul	100
51) 3-Nitroaniline	14.407	138	296790	31.726	ng/ul	99
52) Acenaphthene	14.548	153	1354200	32.839	ng/ul	99
53) 2,4-Dinitrophenol	14.624	184	138183	26.010	ng/ul	94
55) 4-Nitrophenol	14.736	109	173294	30.245	ng/ul	99
56) Dibenzofuran	14.883	168	1874708	33.446	ng/ul	100
57) 2,4-Dinitrotoluene	14.865	165	466976	33.673	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.118	232	388753	33.719	ng/ul	99
59) Diethylphthalate	15.312	149	1693577	33.107	ng/ul	99
61) Fluorene	15.536	166	1519673	32.776	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.530	204	760572	33.095	ng/ul	97
63) 4-Nitroaniline	15.577	138	252059	35.137	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.630	198	246055	31.259	ng/ul	97
67) N-Nitrosodiphenylamine	15.748	169	1270331	34.606	ng/ul	99
68) 4-Bromophenyl-phenylether	16.424	248	467631	35.142	ng/ul	100
69) Hexachlorobenzene	16.536	284	531680	34.779	ng/ul	97
70) Atrazine	16.706	200	430648	31.616	ng/ul	98
71) Pentachlorophenol	16.889	266	281333	31.481	ng/ul	99
72) Phenanthrene	17.277	178	2302087	33.656	ng/ul	99
74) Anthracene	17.371	178	2303464	33.568	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.277	216	647106	35.266	ng/uL	100
76) Pentachlorobenzene	14.801	250	639927	35.432	ng/uL	99
77) Carbazole	17.648	167	1959919	32.142	ng/ul	100
78) Di-n-butylphthalate	18.206	149	2923801	33.901	ng/ul	99
80) Fluoranthene	19.295	202	2496623	35.902	ng/ul	98
82) Pyrene	19.659	202	2524547	35.069	ng/ul	99
83) Butylbenzylphthalate	20.559	149	1194842	35.163	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.347	252	686543	34.676	ng/ul	98
85) Benzo(a)anthracene	21.412	228	2131562	33.008	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.336	149	1770857	35.043	ng/ul	99
87) Chrysene	21.465	228	2065646	33.534	ng/ul	99
89) Di-n-octyl phthalate	22.247	149	2791649	32.132	ng/ul	100
90) Benzo(b)fluoranthene	23.071	252	1973885	32.443	ng/ul	99
91) Benzo(k)fluoranthene	23.118	252	1989944	33.303	ng/ul	100
93) Benzo(a)pyrene	23.688	252	1730480	33.743	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.241	276	2186246	38.756	ng/ul	98
95) Dibenzo(a,h)anthracene	26.259	278	1819377	38.900	ng/ul	100
96) Benzo(g,h,i)perylene	26.994	276	1759844	39.162	ng/ul	99

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

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