Quantitation Report (Qedit)

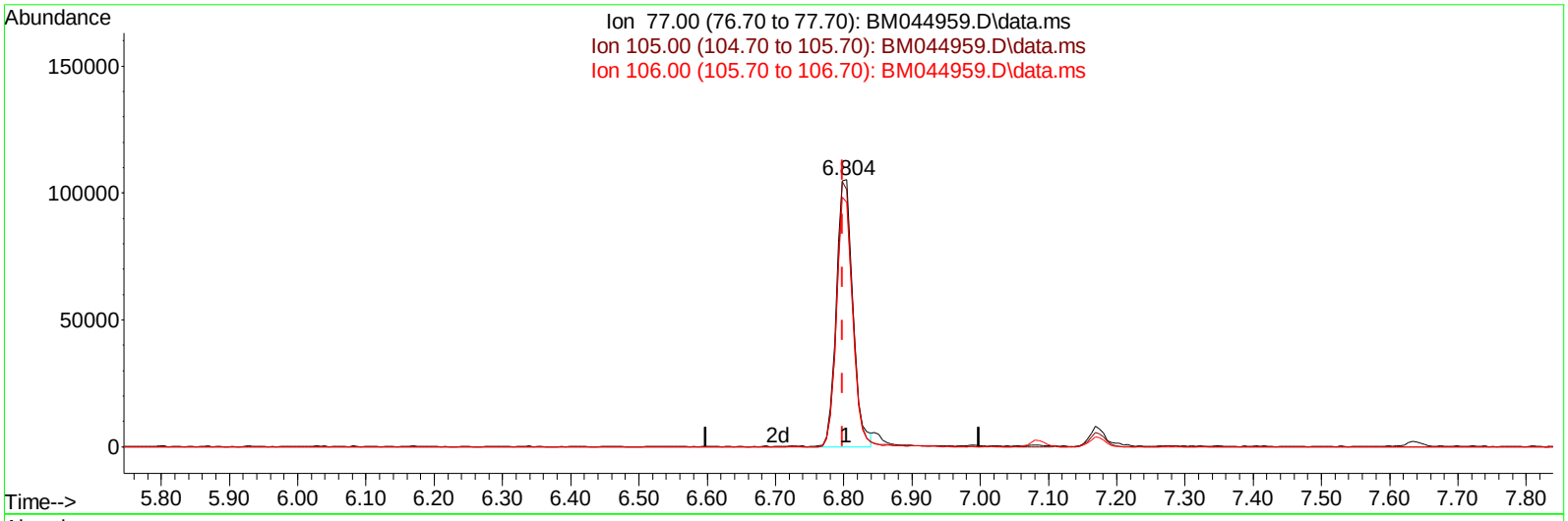
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040524\
Data File : BM044959.D
Acq On : 05 Apr 2024 21:33
Operator : MA/JU
Sample : SSTD08010
Misc :
ALS Vial : 6 Sample Multiplier: 1

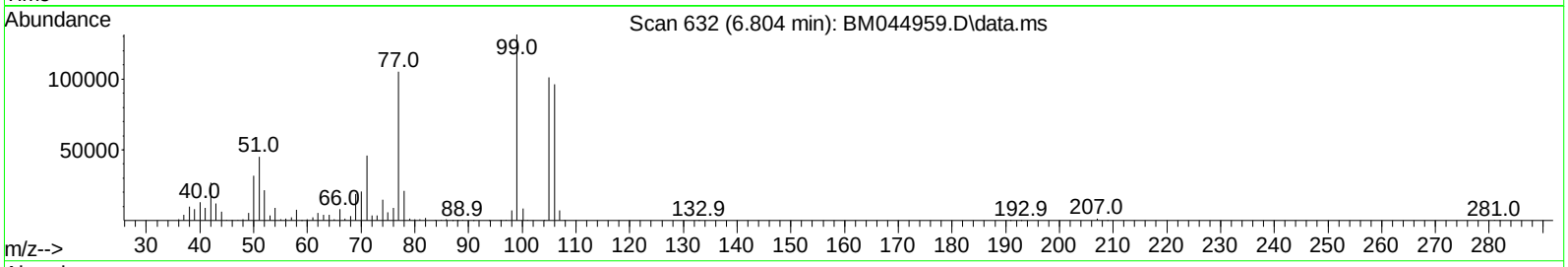
Quant Time: Apr 06 00:16:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 06 00:13:49 2024
Response via : Initial Calibration

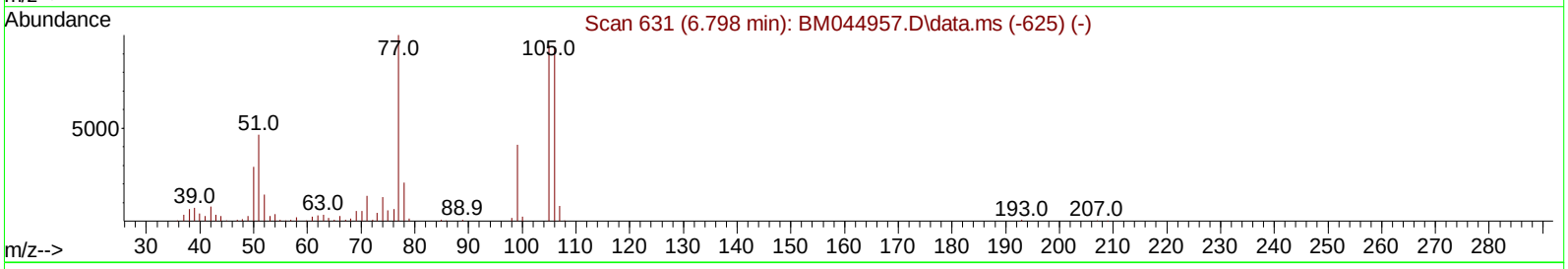
Instrument :
BNA_M
ClientSampleId :
SSTD080031

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024







TIC: BM044959.D\data.ms

(6) Benzaldehyde

6.804min (+ 0.006) 53.05 ng/ul

response 177633

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	94.70	96.32
106.00	93.30	91.59
0.00	0.00	0.00

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Misc :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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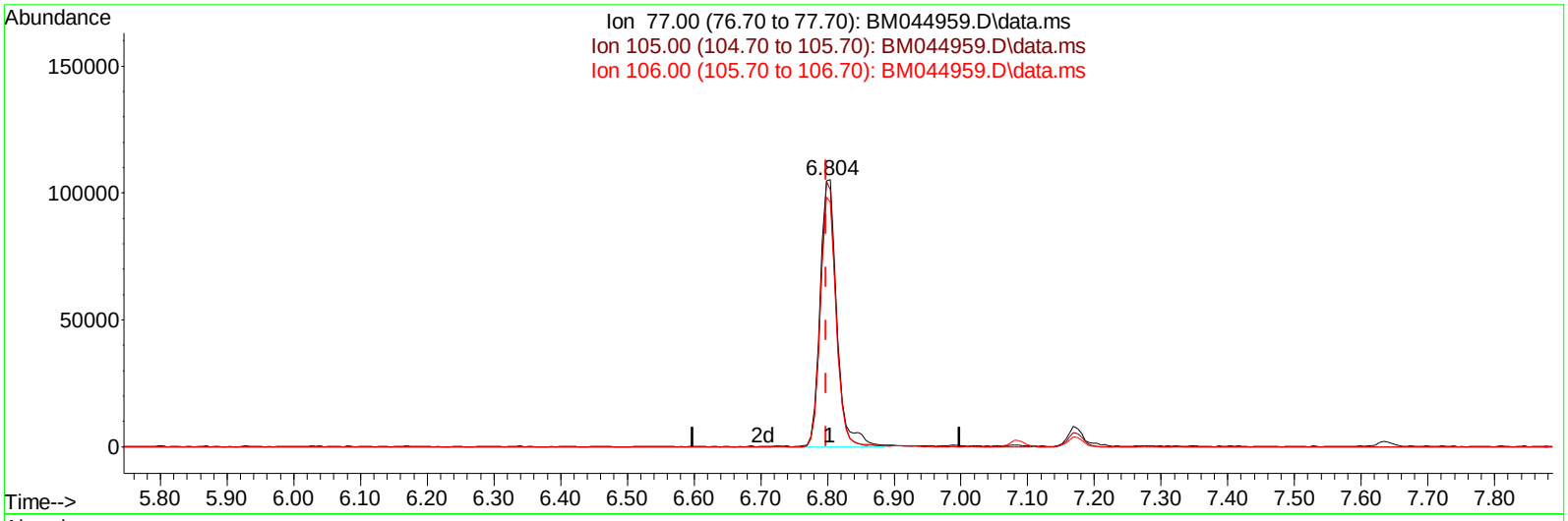
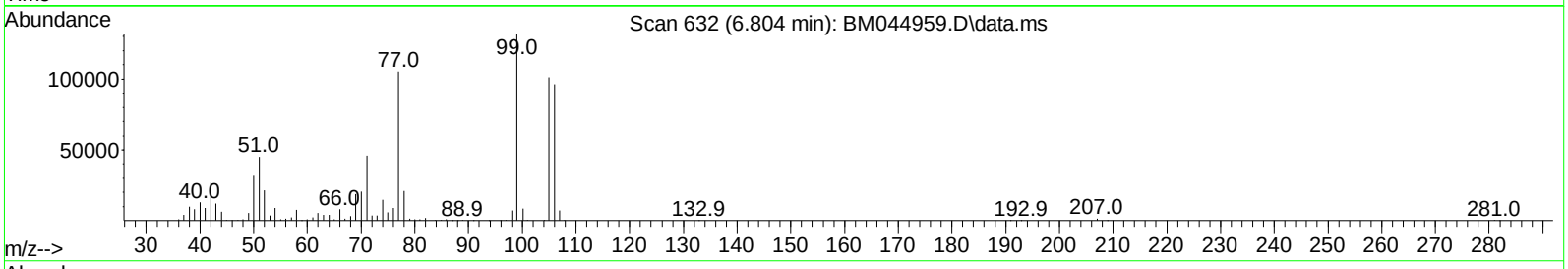
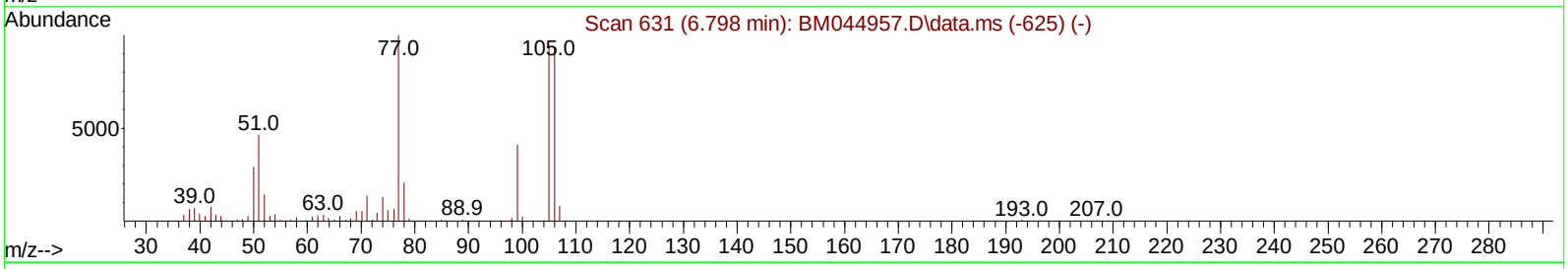
Supervised By :mohammad ahmed 04/08/2024







TIC: BM044959.D\data.ms

(6) Benzaldehyde

6.804min (+ 0.006) 54.92 ng/ul m

response 183916

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	94.70	96.32
106.00	93.30	91.59
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
SSTD080031

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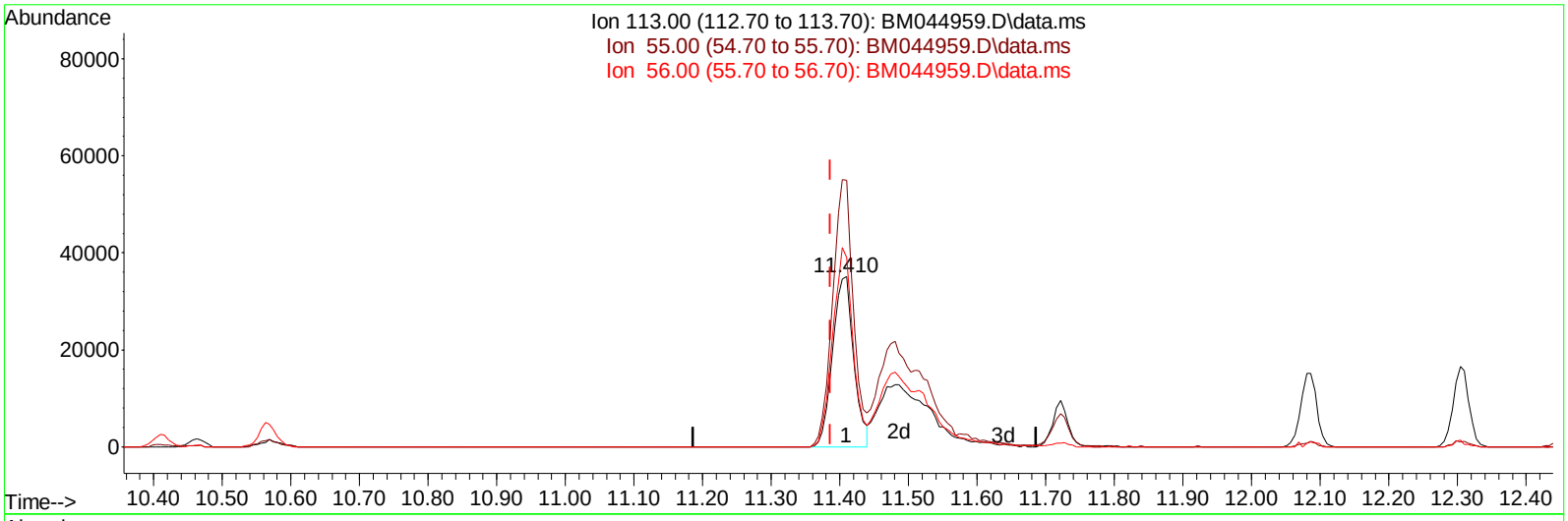

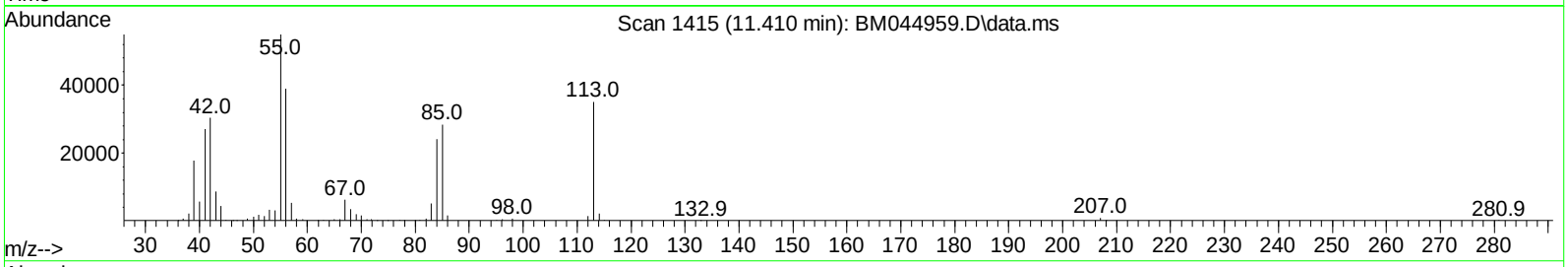

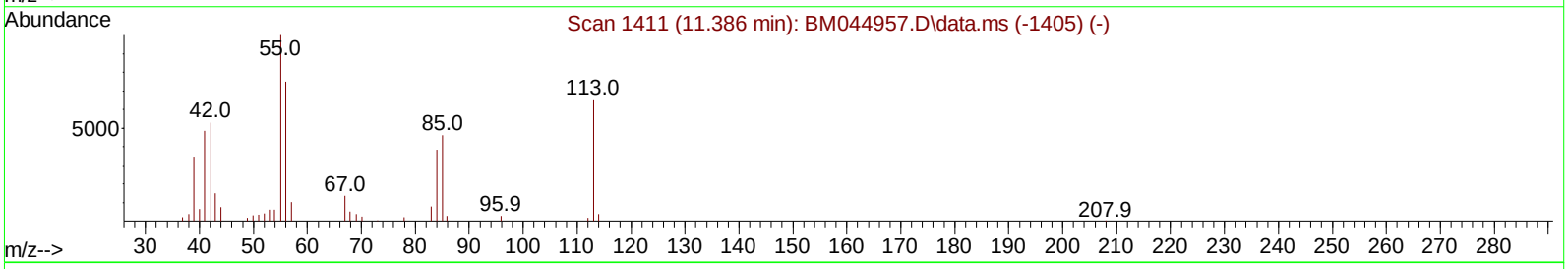

TIC: BM044959.D\data.ms

(34) Caprolactam

11.410min (+ 0.023) 38.25 ng/ul

response 74957

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	156.62
56.00	114.80	111.13
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTD08010
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 06 00:13:49 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080031

Manual IntegrationsAPPROVED

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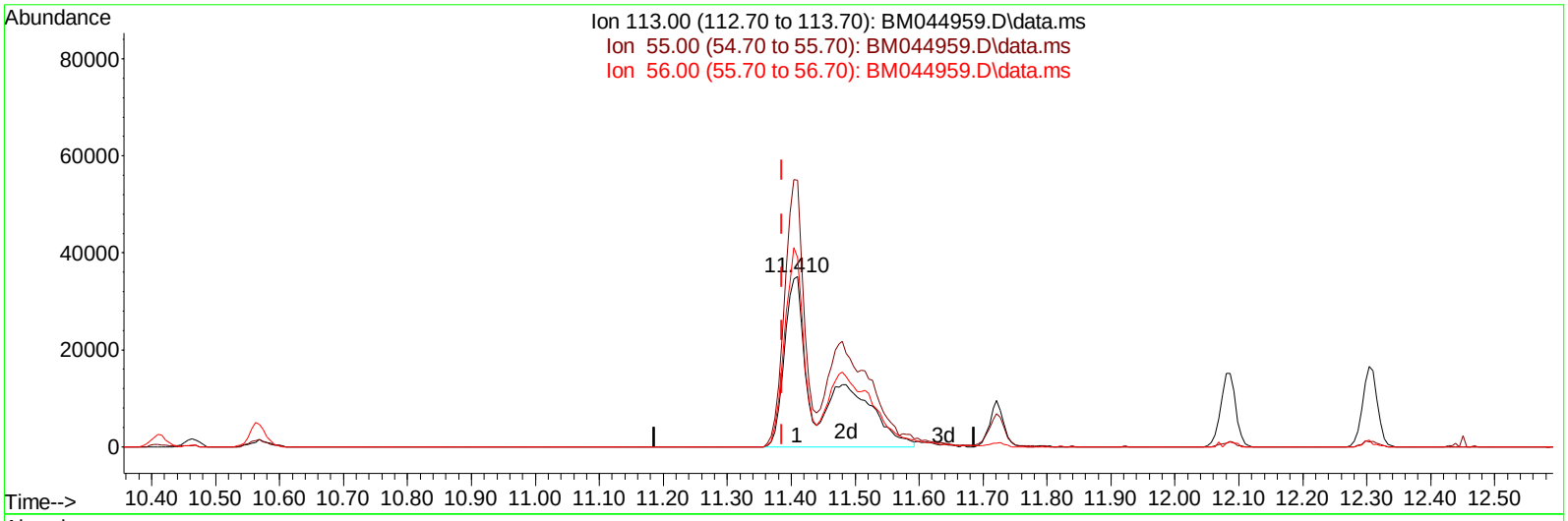
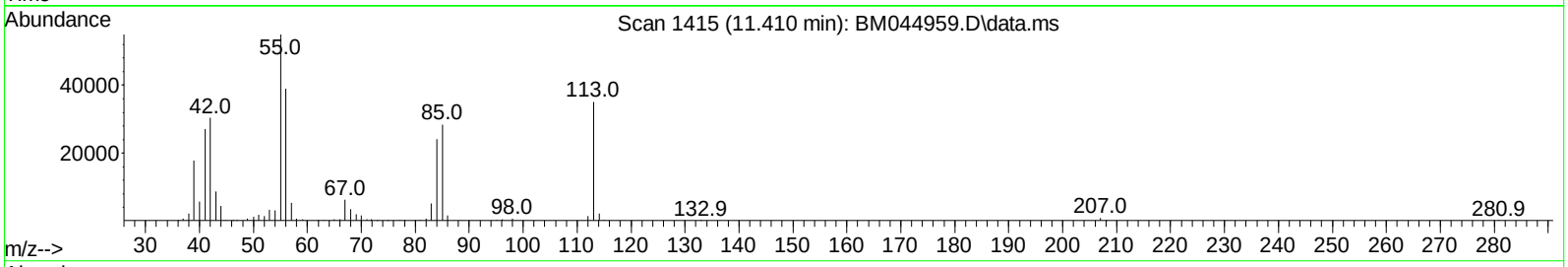
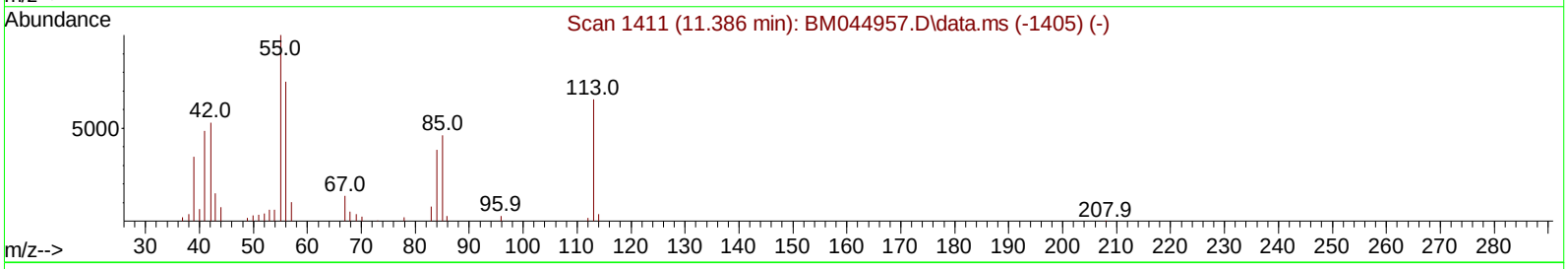
Supervised By :mohammad ahmed 04/08/2024







TIC: BM044959.D\data.ms

(34) Caprolactam

11.410min (+ 0.023) 71.48 ng/ul m

response 140070

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	156.62
56.00	114.80	111.13
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	74778	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	326236	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.286	164	209236	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	442443	20.000	ng/ul	0.00
79) Chrysene-d12	21.256	240	463353	20.000	ng/ul	0.00
88) Perylene-d12	23.480	264	544078	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	58458	26.515	ng/uL	0.00
4) Pyridine-d5	3.604	84	455851	70.247	ng/ul	0.00
7) Phenol-d5	6.816	99	527867	68.661	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	302998	63.805	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	424451	75.128	ng/ul	0.00
15) 4-Methylphenol-d8	8.351	113	423046	70.066	ng/ul	0.00
21) Nitrobenzene-d5	8.798	128	216804	78.921	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	245641	82.946	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	429198	85.156	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	643143	76.831	ng/ul	0.00
46) Dimethylphthalate-d6	13.715	166	1202230	73.248	ng/ul	0.00
49) Acenaphthylene-d8	13.980	160	1472576	78.449	ng/ul	0.00
54) 4-Nitrophenol-d4	14.521	143	257794	75.737	ng/ul	0.01
60) Fluorene-d10	15.292	176	1081368	78.400	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	236229	82.252	ng/ul	0.00
73) Anthracene-d10	17.151	188	1696451	80.216	ng/ul	0.00
81) Pyrene-d10	19.456	212	1988442	69.969	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.344	264	2279965	79.726	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	59960	26.270	ng/uL#	85
5) Pyridine	3.622	79	474608	70.516	ng/ul	97
6) Benzaldehyde	6.804	77	183916m	54.923	ng/ul	
8) Phenol	6.845	94	547477	69.775	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.081	93	413623	64.199	ng/ul	97
12) 2-Chlorophenol	7.204	128	435672	74.763	ng/ul	98
13) 2-Methylphenol	8.081	108	405129	68.041	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.163	45	492851	57.925	ng/ul	99
16) Acetophenone	8.469	105	692685	73.972	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.463	70	348112	71.953	ng/ul#	93
18) 4-Methylphenol	8.416	108	443014	68.351	ng/ul	99
19) Hexachloroethane	8.692	117	186785	78.251	ng/ul	97
22) Nitrobenzene	8.845	77	519638	79.763	ng/ul	99
23) Isophorone	9.369	82	981186	73.820	ng/ul	99
25) 2-Nitrophenol	9.545	139	260396	80.653	ng/ul	93
26) 2,4-Dimethylphenol	9.604	107	470868	80.152	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.851	93	566391	67.757	ng/ul	98
29) 2,4-Dichlorophenol	10.069	162	422062	83.878	ng/ul	98
30) Naphthalene	10.463	128	1402764	75.919	ng/ul	98
32) 4-Chloroaniline	10.592	127	629205	77.968	ng/ul	100
33) Hexachlorobutadiene	10.727	225	240365	85.227	ng/ul	95
34) Caprolactam	11.410	113	140070m	71.480	ng/ul	
35) 4-Chloro-3-methylphenol	11.721	107	438904	75.216	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
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SSTD080031

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.086	142	946795	77.056	ng/ul	99
37) 1-Methylnaphthalene	12.304	142	950541	78.421	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	464822	78.086	ng/ul	99
40) Hexachlorocyclopentadiene	12.421	237	295334	74.740	ng/ul	97
41) 2,4,6-Trichlorophenol	12.710	196	330764	79.262	ng/ul	99
42) 2,4,5-Trichlorophenol	12.780	196	352305	78.778	ng/ul	96
43) 1,1'-Biphenyl	13.116	154	1209807	72.814	ng/ul	99
44) 2-Chloronaphthalene	13.157	162	986057	75.626	ng/ul	100
45) 2-Nitroaniline	13.380	65	306054	74.770	ng/ul	98
47) Dimethylphthalate	13.763	163	1249760	74.828	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	266677	79.938	ng/ul	93
50) Acenaphthylene	14.010	152	1701731	77.783	ng/ul	99
51) 3-Nitroaniline	14.221	138	254499	70.627	ng/ul	94
52) Acenaphthene	14.351	153	1118299	77.754	ng/ul	99
53) 2,4-Dinitrophenol	14.433	184	162209	76.014	ng/ul	93
55) 4-Nitrophenol	14.539	109	229951	96.421	ng/ul	92
56) Dibenzofuran	14.692	168	1533270	80.144	ng/ul	97
57) 2,4-Dinitrotoluene	14.686	165	409593	85.056	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.921	232	308154	83.265	ng/ul	98
59) Diethylphthalate	15.139	149	1315575	75.899	ng/ul	99
61) Fluorene	15.345	166	1340088	85.646	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.345	204	622425	85.708	ng/ul	94
63) 4-Nitroaniline	15.398	138	221545	64.328	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.451	198	245724	80.065	ng/ul#	93
67) N-Nitrosodiphenylamine	15.568	169	1034667	77.645	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	357591	80.804	ng/ul	97
69) Hexachlorobenzene	16.339	284	459449	91.149	ng/ul#	92
70) Atrazine	16.533	200	359633	82.588	ng/ul	99
71) Pentachlorophenol	16.698	266	295779	88.865	ng/ul	99
72) Phenanthrene	17.092	178	1993654	79.433	ng/ul	98
74) Anthracene	17.186	178	2077215	81.834	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.068	216	465517	78.773	ng/uL	98
76) Pentachlorobenzene	14.604	250	489438	85.666	ng/uL	96
77) Carbazole	17.462	167	1879949	78.816	ng/ul	100
78) Di-n-butylphthalate	18.033	149	2391110	74.528	ng/ul	100
80) Fluoranthene	19.115	202	2355751	69.606	ng/ul	98
82) Pyrene	19.486	202	2516698	71.426	ng/ul	99
83) Butylbenzylphthalate	20.403	149	1139372	65.763	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.186	252	816637	81.476	ng/ul	97
85) Benzo(a)anthracene	21.238	228	2636521	75.771	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	1826323	72.298	ng/ul	98
87) Chrysene	21.297	228	2417092	75.031	ng/ul	100
89) Di-n-octyl phthalate	22.068	149	2985201	61.309	ng/ul	100
90) Benzo(b)fluoranthene	22.821	252	2725672	74.869	ng/ul	99
91) Benzo(k)fluoranthene	22.868	252	2781993	78.022	ng/ul	99
93) Benzo(a)pyrene	23.397	252	2675908	78.574	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.738	276	3396139	88.910	ng/ul	99
95) Dibenzo(a,h)anthracene	25.750	278	2864873	89.950	ng/ul	99
96) Benzo(g,h,i)perylene	26.421	276	2637138	86.515	ng/ul	99

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

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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