Quantitation Report (Qedit)

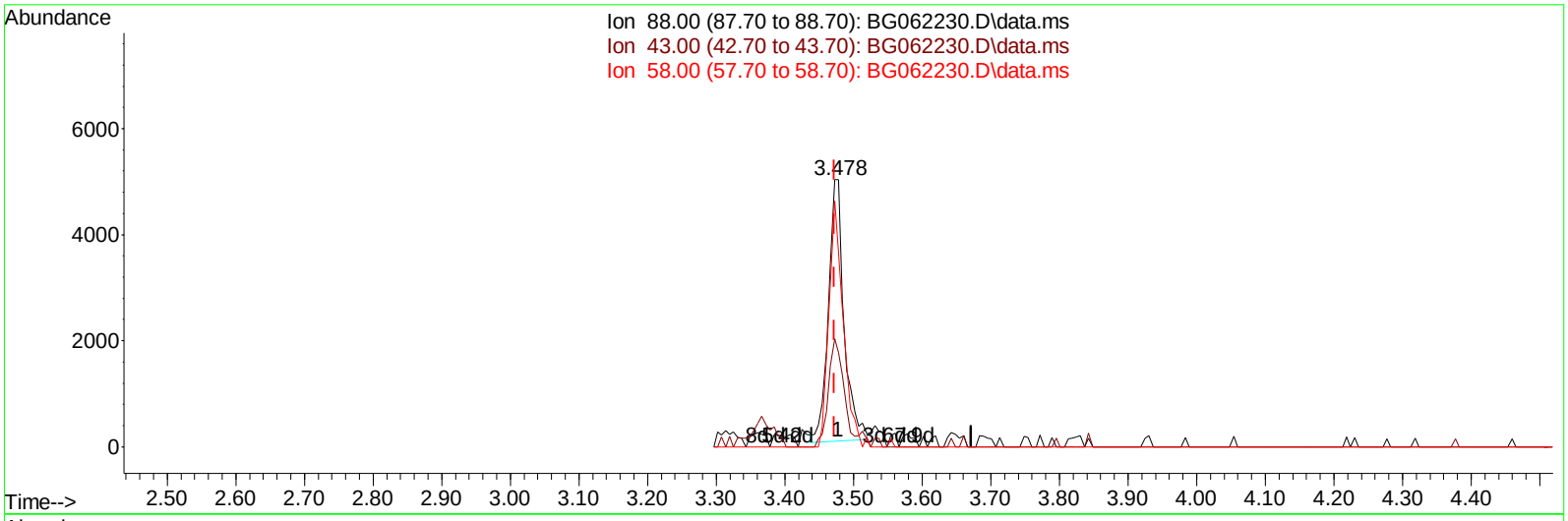
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073124\
Data File : BG062230.D
Acq On : 31 Jul 2024 23:10
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

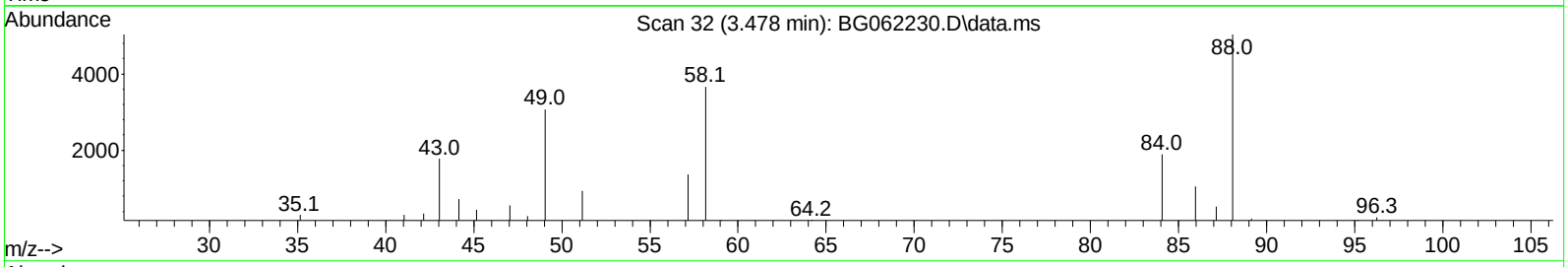
Quant Time: Aug 01 04:06:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG073124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 01 03:46:07 2024
Response via : Initial Calibration

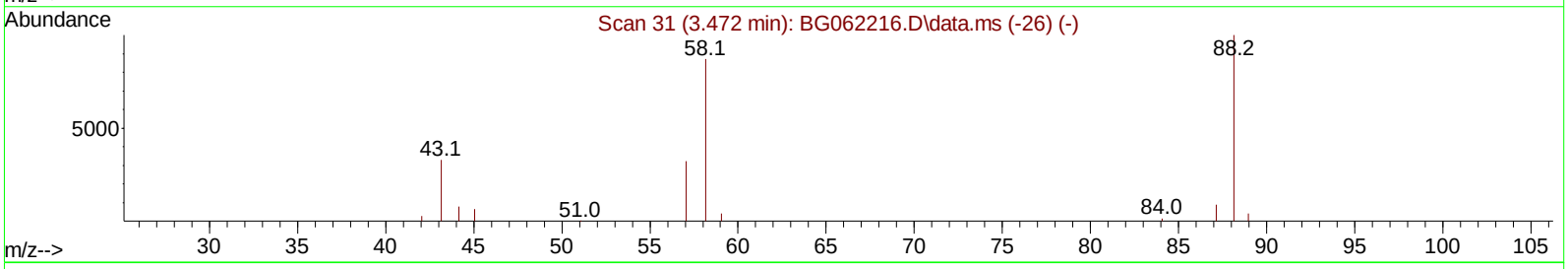
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024







TIC: BG062230.D\data.ms

(2) 1,4-Dioxane

3.478min (+ 0.006) 6.50 ng/uL

response 7899

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	33.00	35.28
58.00	87.10	72.77
0.00	0.00	0.00

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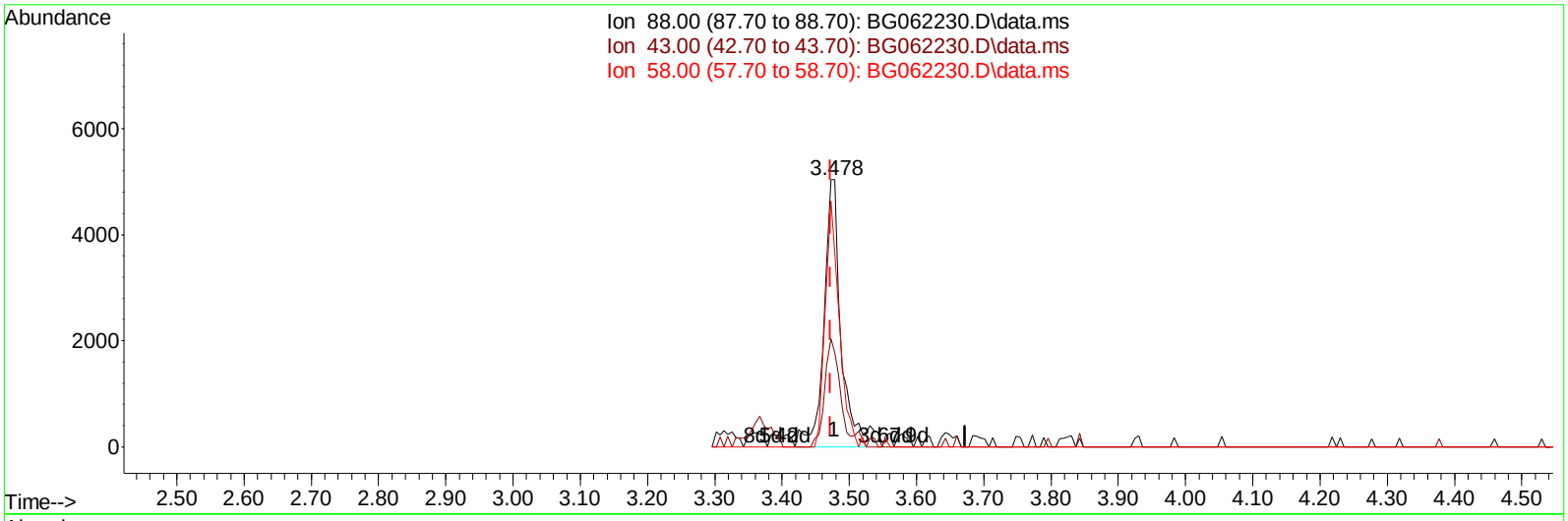

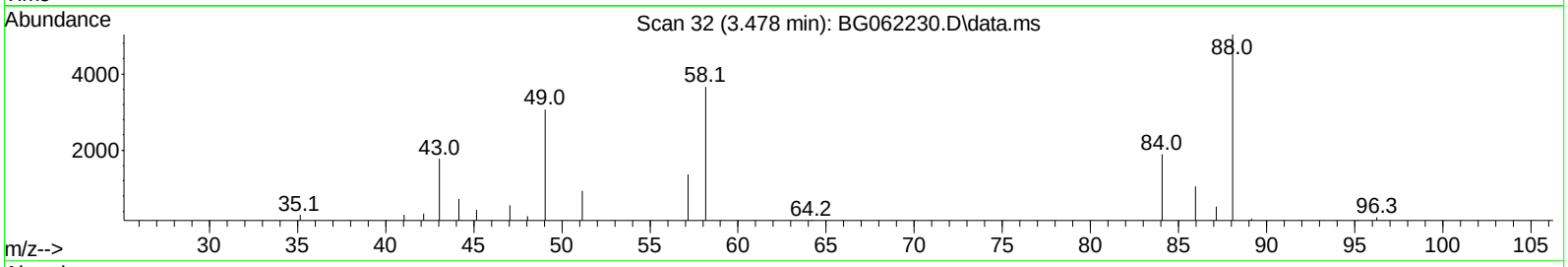

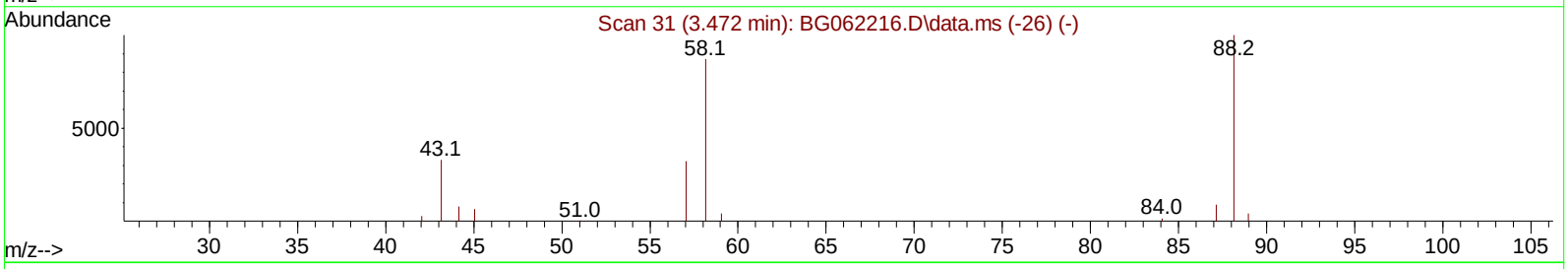

TIC: BG062230.D\data.ms

(2) 1,4-Dioxane

3.478min (+ 0.006) 7.52 ng/uL m

response 9130

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	33.00	35.28
58.00	87.10	72.77
0.00	0.00	0.00

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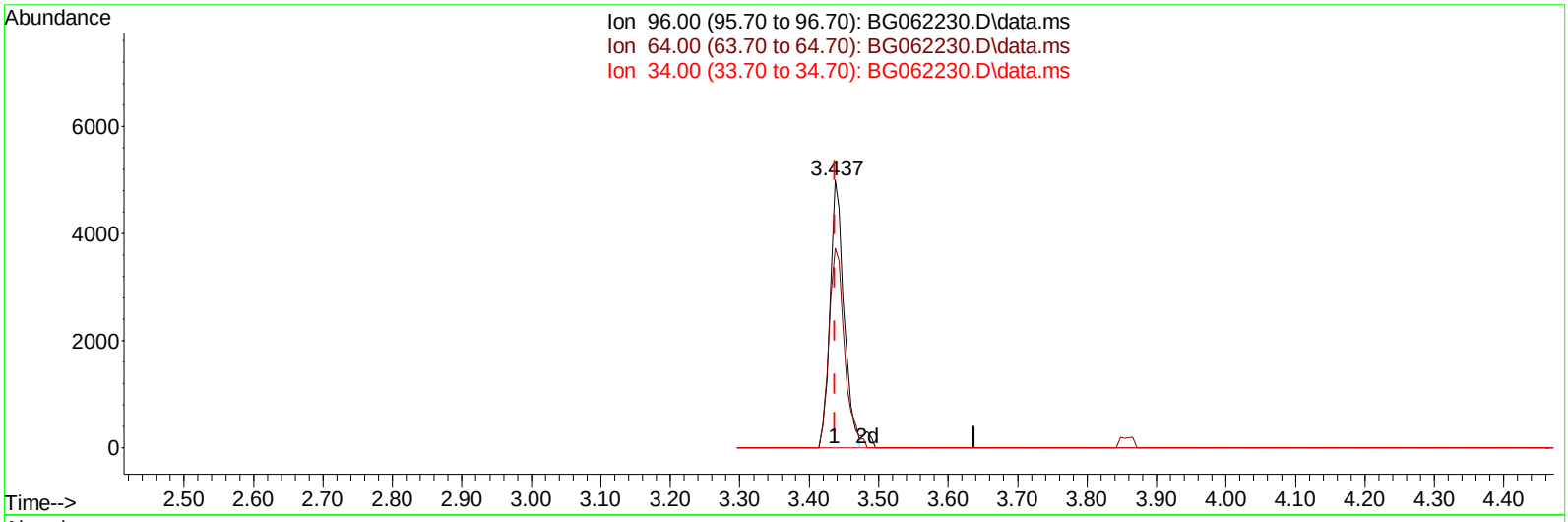

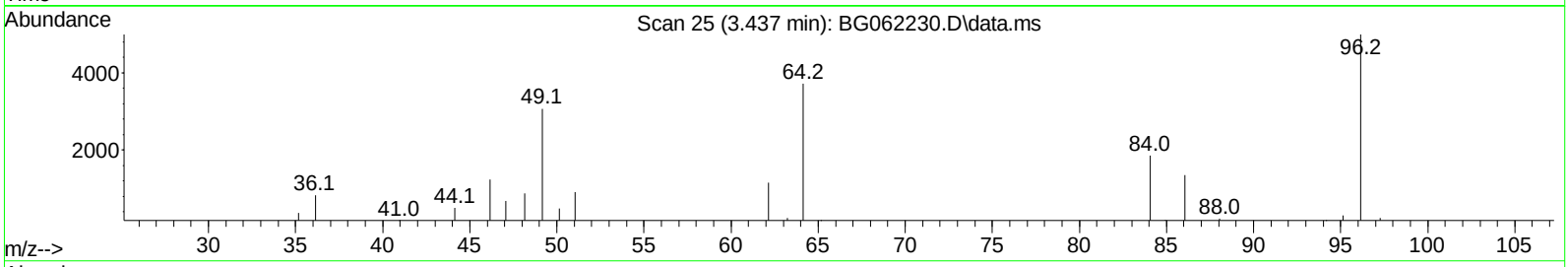

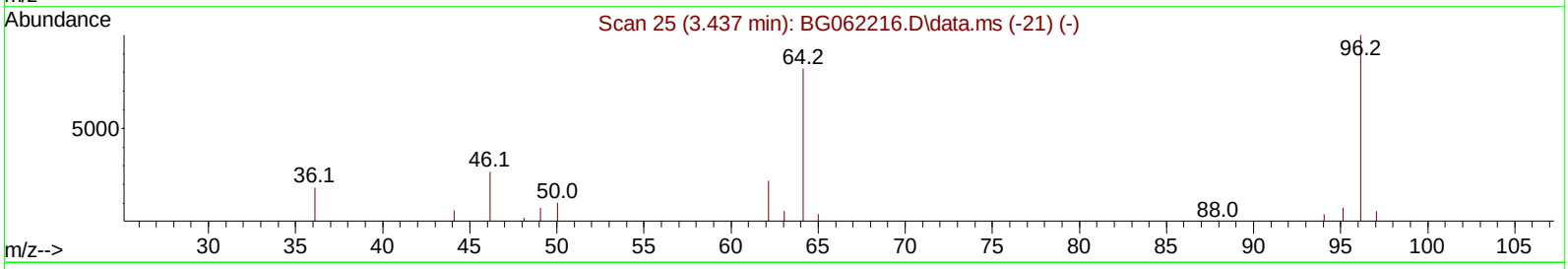

TIC: BG062230.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.437min (-0.000) 7.16 ng/uL

response 7045

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.00	74.55
34.00	0.00	0.00
0.00	0.00	0.00

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Misc :
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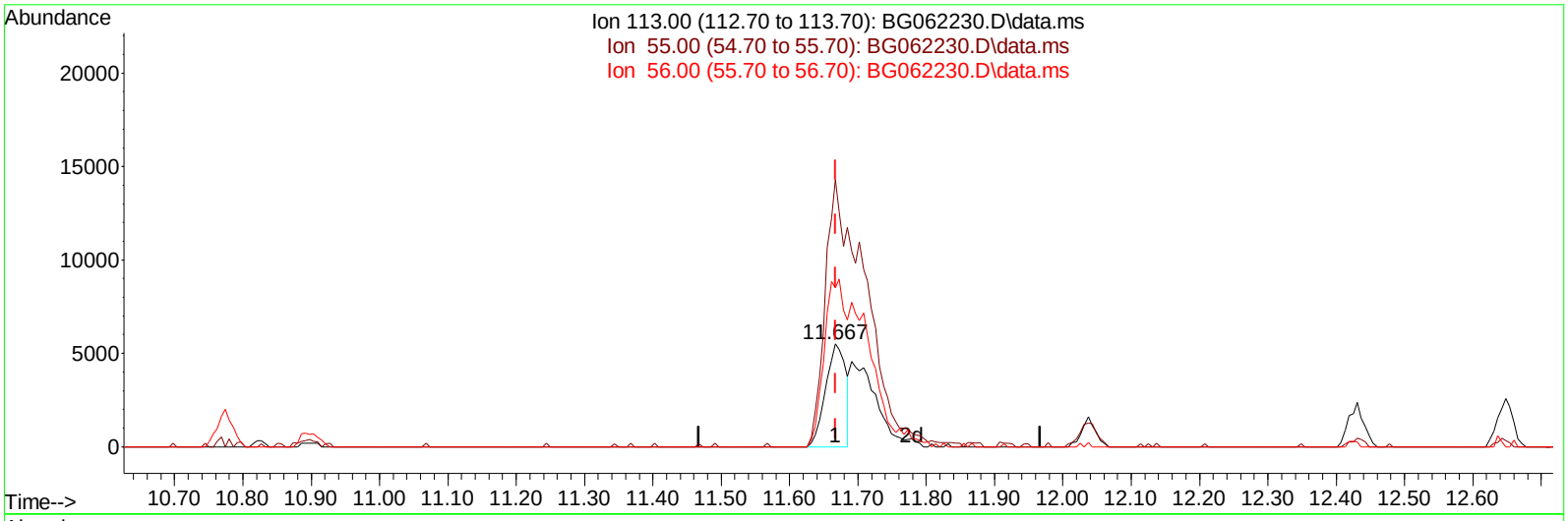

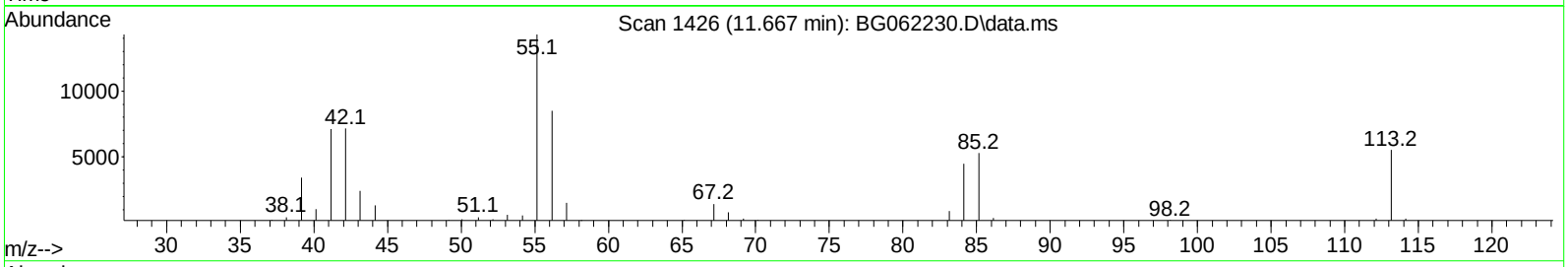

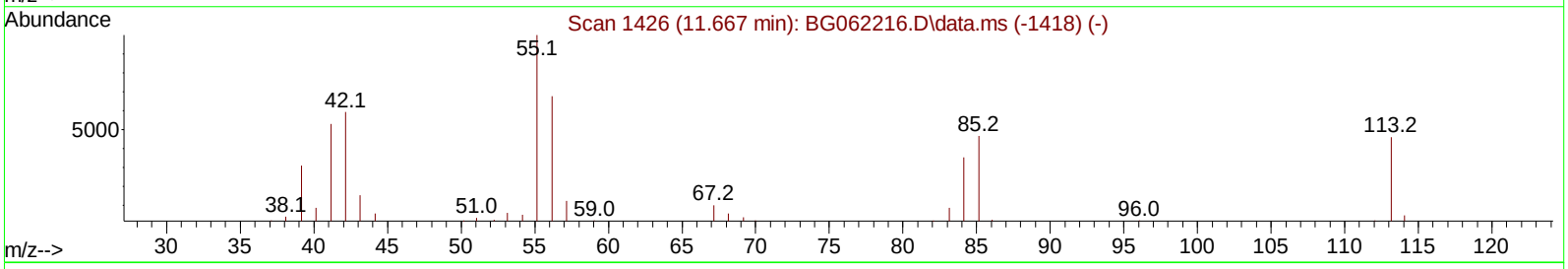

TIC: BG062230.D\data.ms

(34) Caprolactam

11.667min (-0.000) 9.37 ng/ul

response 11304

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	221.20	259.03
56.00	147.00	154.21
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
LabSampleId :
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Manual IntegrationsAPPROVED

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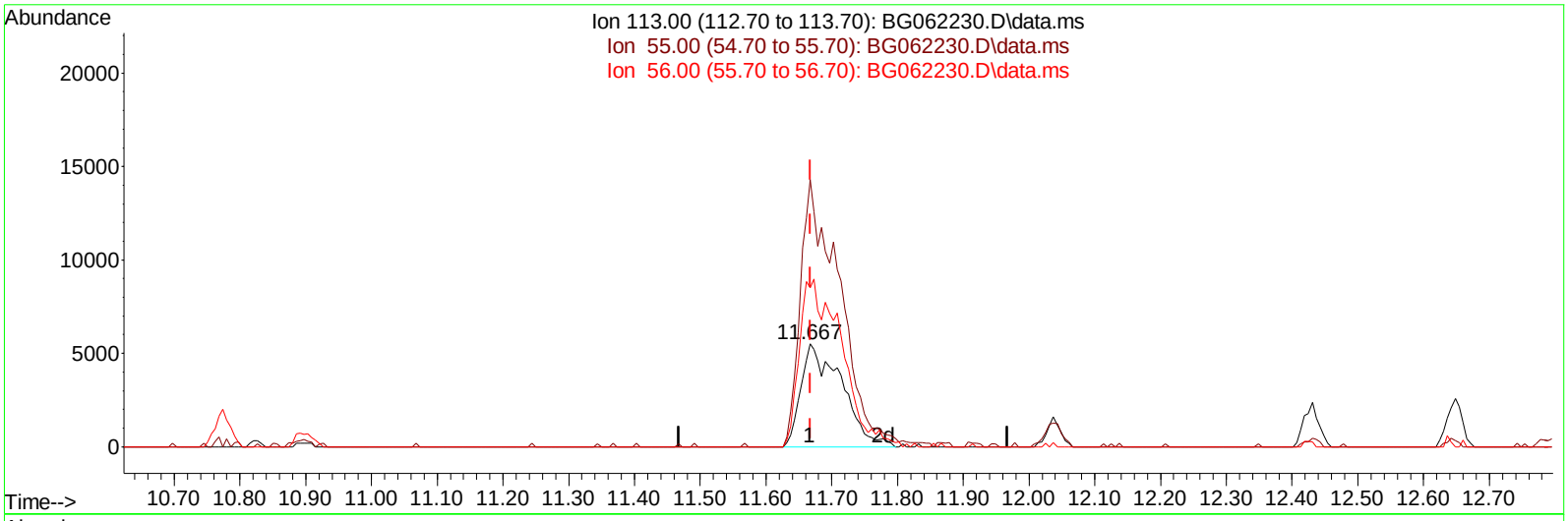

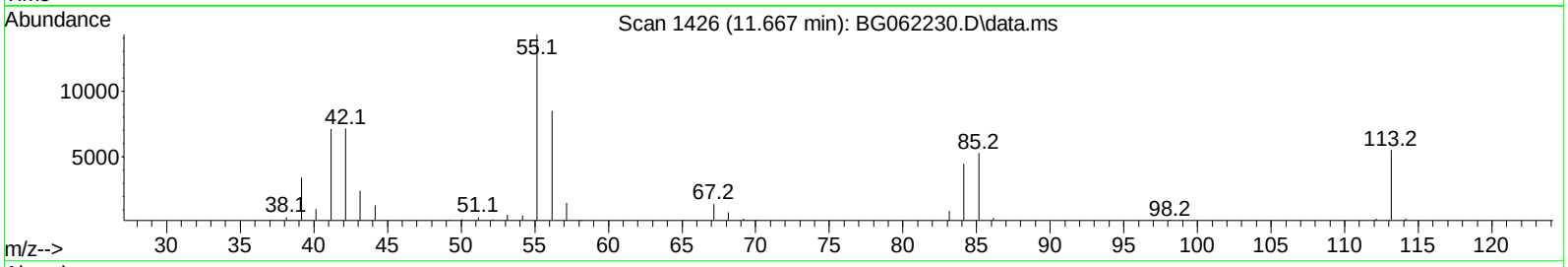

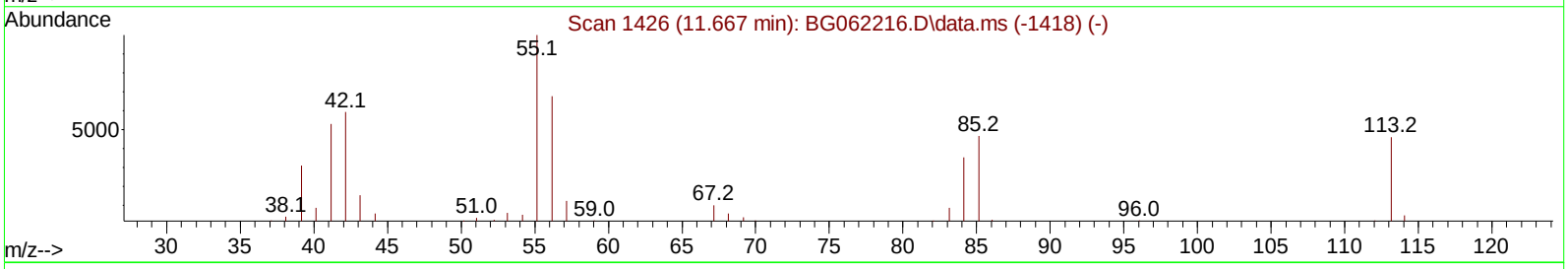

TIC: BG062230.D\data.ms

(34) Caprolactam

11.667min (-0.000) 19.56 ng/ul m

response 23605

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	221.20	259.03
56.00	147.00	154.21
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 31 Jul 2024 23:10
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/03/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	41899	20.000	ng/ul	0.00
20) Naphthalene-d8	10.774	136	195072	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	146668	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.336	188	350702	20.000	ng/ul	0.00
79) Chrysene-d12	21.589	240	349105	20.000	ng/ul	0.00
88) Perylene-d12	24.696	264	384707	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.437	96	7295m	7.410	ng/uL	0.00
4) Pyridine-d5	3.842	84	56753	18.877	ng/ul	0.00
7) Phenol-d5	7.126	99	75648	18.866	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.308	67	47233	19.101	ng/ul	0.00
11) 2-Chlorophenol-d4	7.508	132	55595	20.613	ng/ul	0.00
15) 4-Methylphenol-d8	8.671	113	63849	19.132	ng/ul	0.00
21) Nitrobenzene-d5	9.129	128	24185	29.892	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	24219	31.951	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	62409	21.989	ng/ul	0.00
31) 4-Chloroaniline-d4	10.897	131	93952	19.565	ng/ul	0.00
46) Dimethylphthalate-d6	14.011	166	220606	19.959	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	241082	19.757	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	34810	26.241	ng/ul	0.00
60) Fluorene-d10	15.591	176	194193	19.773	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.697	200	22106	26.591	ng/ul	0.00
73) Anthracene-d10	17.436	188	318521	19.709	ng/ul	0.00
81) Pyrene-d10	19.721	212	398044	20.373	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.479	264	382259	20.325	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.478	88	9130m	7.519	ng/uL	
5) Pyridine	3.860	79	59898	18.684	ng/ul	94
6) Benzaldehyde	7.114	77	50306	23.243	ng/ul	98
8) Phenol	7.155	94	76937	18.602	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.402	93	59826	19.171	ng/ul	99
12) 2-Chlorophenol	7.537	128	56573	20.193	ng/ul	98
13) 2-Methylphenol	8.407	108	60643	18.993	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.512	45	128697	19.381	ng/ul#	98
16) Acetophenone	8.794	105	104555	19.291	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.783	70	58221	19.499	ng/ul#	96
18) 4-Methylphenol	8.736	108	66808	18.996	ng/ul	97
19) Hexachloroethane	9.065	117	23670	21.224	ng/ul	93
22) Nitrobenzene	9.170	77	69848	28.818	ng/ul	95
23) Isophorone	9.699	82	164363	19.083	ng/ul	96
25) 2-Nitrophenol	9.881	139	29115	33.158	ng/ul#	92
26) 2,4-Dimethylphenol	9.940	107	74956	19.589	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.187	93	88002	18.879	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	62161	21.946	ng/ul	99
30) Naphthalene	10.827	128	212764	19.626	ng/ul	99
32) 4-Chloroaniline	10.927	127	90823	19.685	ng/ul	99
33) Hexachlorobutadiene	11.121	225	44395	19.799	ng/ul	96
34) Caprolactam	11.667	113	23605m	19.562	ng/ul	
35) 4-Chloro-3-methylphenol	12.037	107	71323	19.367	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/03/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.431	142	140370	18.320	ng/ul	99
37) 1-Methylnaphthalene	12.648	142	150326	19.035	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.795	216	84152	19.387	ng/ul	98
40) Hexachlorocyclopentadiene	12.783	237	46912	20.812	ng/ul	97
41) 2,4,6-Trichlorophenol	13.024	196	50018	23.320	ng/ul	97
42) 2,4,5-Trichlorophenol	13.095	196	59590	24.568	ng/ul	99
43) 1,1'-Biphenyl	13.435	154	201318	19.028	ng/ul	98
44) 2-Chloronaphthalene	13.476	162	158579	19.111	ng/ul	97
45) 2-Nitroaniline	13.664	65	44078	30.045	ng/ul	98
47) Dimethylphthalate	14.058	163	222681	19.415	ng/ul	99
48) 2,6-Dinitrotoluene	14.164	165	33424	30.934	ng/ul	89
50) Acenaphthylene	14.316	152	269420	19.571	ng/ul	99
51) 3-Nitroaniline	14.487	138	35634	26.457	ng/ul#	83
52) Acenaphthene	14.663	153	190026	19.531	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	12417	21.935	ng/ul	89
55) 4-Nitrophenol	14.786	109	31033	24.189	ng/ul	92
56) Dibenzofuran	14.998	168	267006	19.805	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	47504	32.182	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.215	232	57118	24.742	ng/ul	97
59) Diethylphthalate	15.427	149	229408	19.509	ng/ul	100
61) Fluorene	15.644	166	214266	19.740	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.644	204	109313	19.897	ng/ul	98
63) 4-Nitroaniline	15.650	138	39721	26.528	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.709	198	23700	25.456	ng/ul#	97
67) N-Nitrosodiphenylamine	15.850	169	190639	19.535	ng/ul	98
68) 4-Bromophenyl-phenylether	16.537	248	72604	19.330	ng/ul	98
69) Hexachlorobenzene	16.643	284	81222	20.003	ng/ul	99
70) Atrazine	16.801	200	77835	20.725	ng/ul	98
71) Pentachlorophenol	16.983	266	46889	18.168	ng/ul	97
72) Phenanthrene	17.377	178	376986	19.924	ng/ul	99
74) Anthracene	17.471	178	385642	19.689	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.400	216	84901	19.627	ng/ul	98
76) Pentachlorobenzene	14.916	250	92730	20.271	ng/ul	99
77) Carbazole	17.735	167	332757	20.701	ng/ul	100
78) Di-n-butylphthalate	18.317	149	397691	19.950	ng/ul	99
80) Fluoranthene	19.386	202	453986	19.840	ng/ul	100
82) Pyrene	19.750	202	476968	19.996	ng/ul	99
83) Butylbenzylphthalate	20.655	149	172067	21.497	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.483	252	163467	21.536	ng/ul	97
85) Benzo(a)anthracene	21.565	228	489831	19.746	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.518	149	261891	20.931	ng/ul	100
87) Chrysene	21.630	228	461412	19.902	ng/ul	99
89) Di-n-octyl phthalate	22.705	149	456646	21.142	ng/ul	100
90) Benzo(b)fluoranthene	23.715	252	467645	19.539	ng/ul	99
91) Benzo(k)fluoranthene	23.780	252	483643	20.327	ng/ul	98
93) Benzo(a)pyrene	24.550	252	449141	19.843	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.221	276	522193	19.621	ng/ul	98
95) Dibenzo(a,h)anthracene	28.286	278	442591	19.834	ng/ul	100
96) Benzo(g,h,i)perylene	29.302	276	419868	19.654	ng/ul	97

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

Instrument :
BNA_G
LabSampleId :
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Manual IntegrationsAPPROVED

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