Quantitation Report (QT Reviewed)

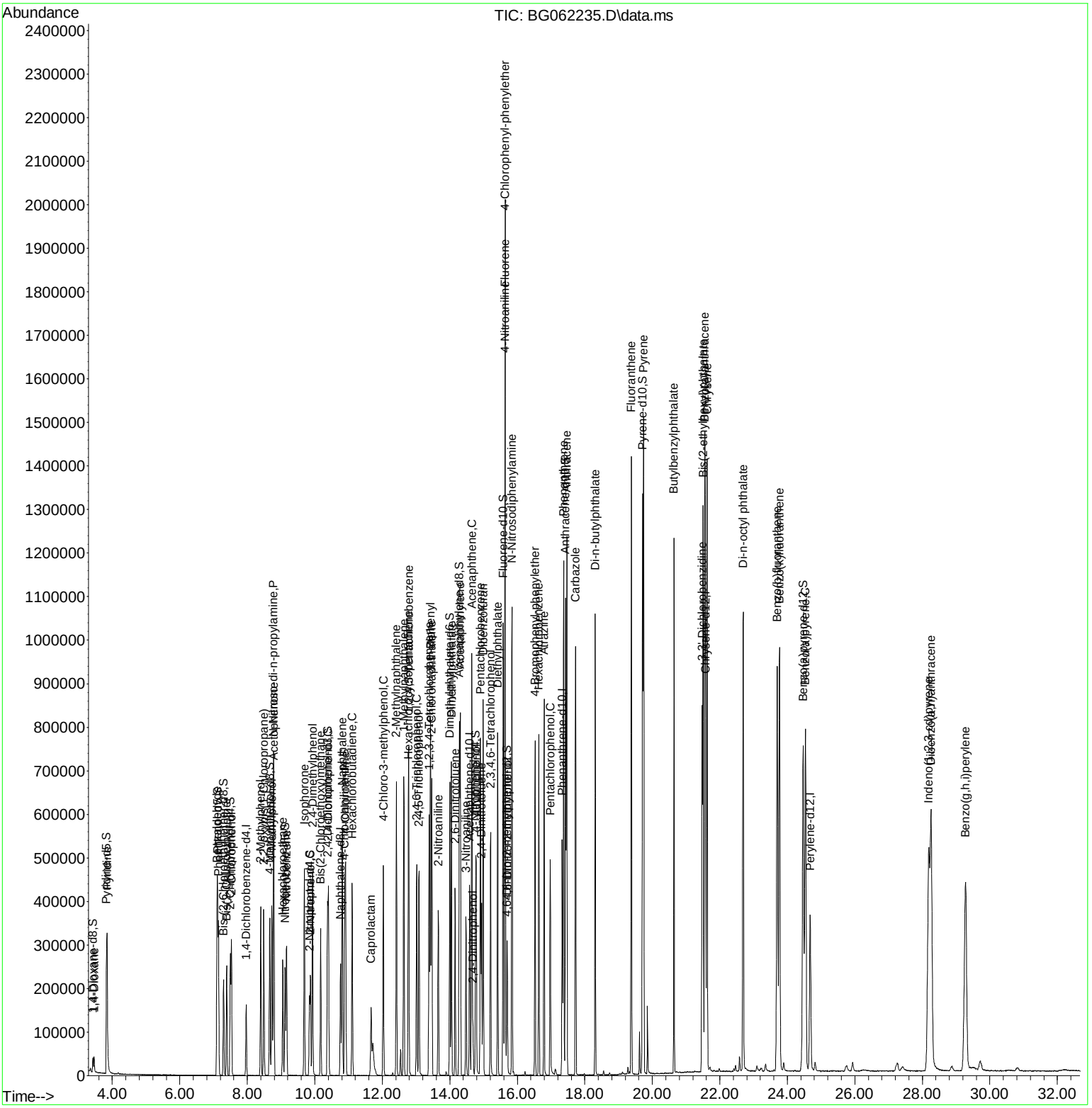
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
Data File : BG062235.D
Acq On : 5 Aug 2024 12:40
Operator : MA/JU
Sample : SSTD04043
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 06 02:20:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 13:18:00 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040428

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/08/2024



Quantitation Report (Qedit)

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Operator : MA/JU
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Quant Title : SVOA CALIBRATION
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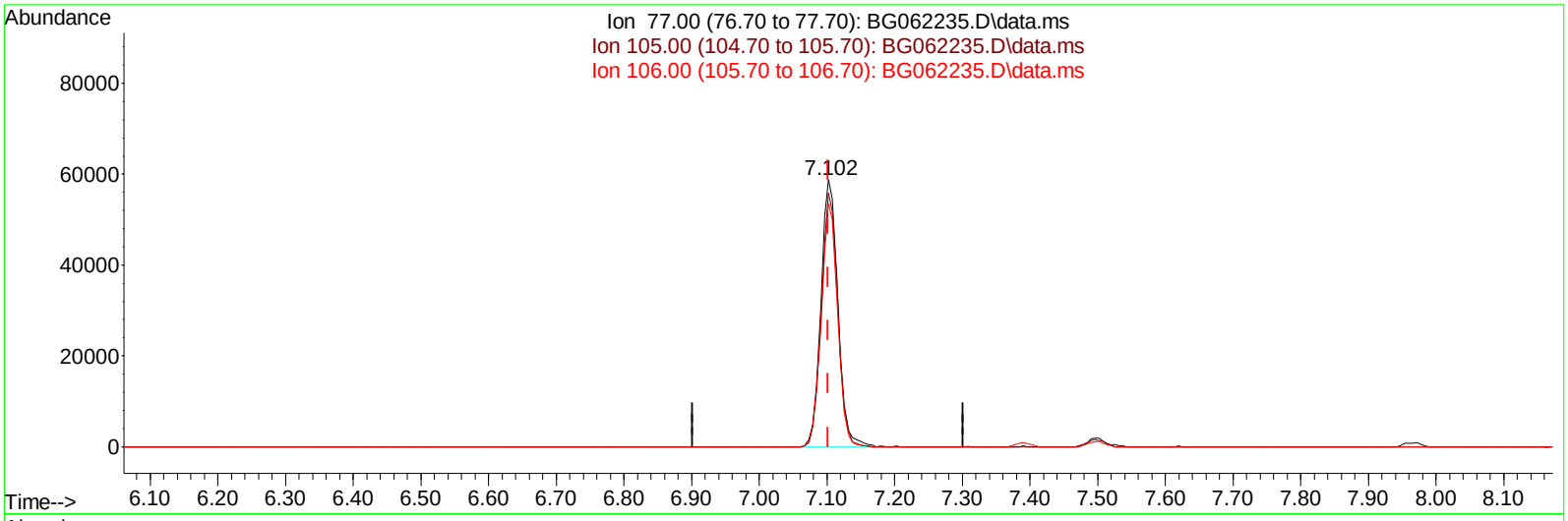

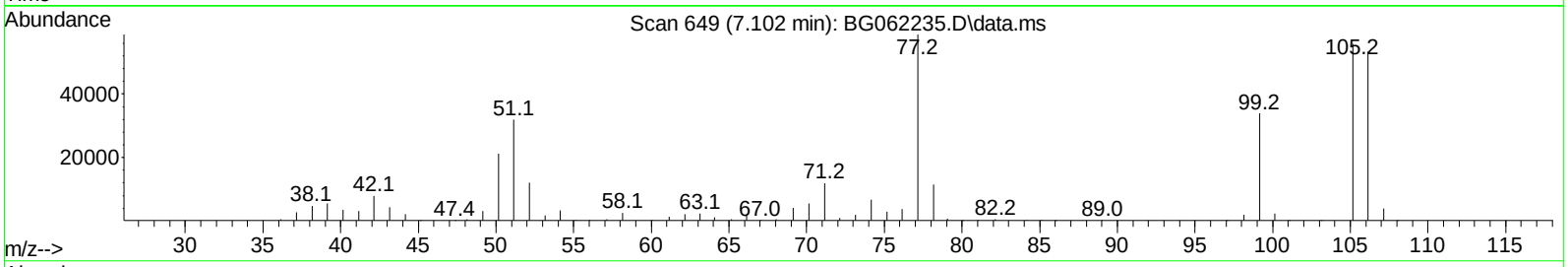

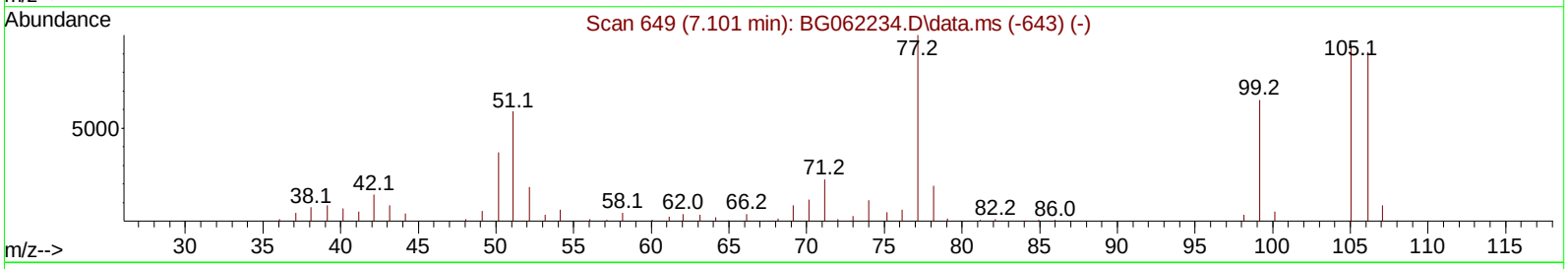

TIC: BG062235.D\data.ms

(6) Benzaldehyde

7.102min (+ 0.001) 42.71 ng/ul

response 103085

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	95.02
106.00	91.40	91.03
0.00	0.00	0.00

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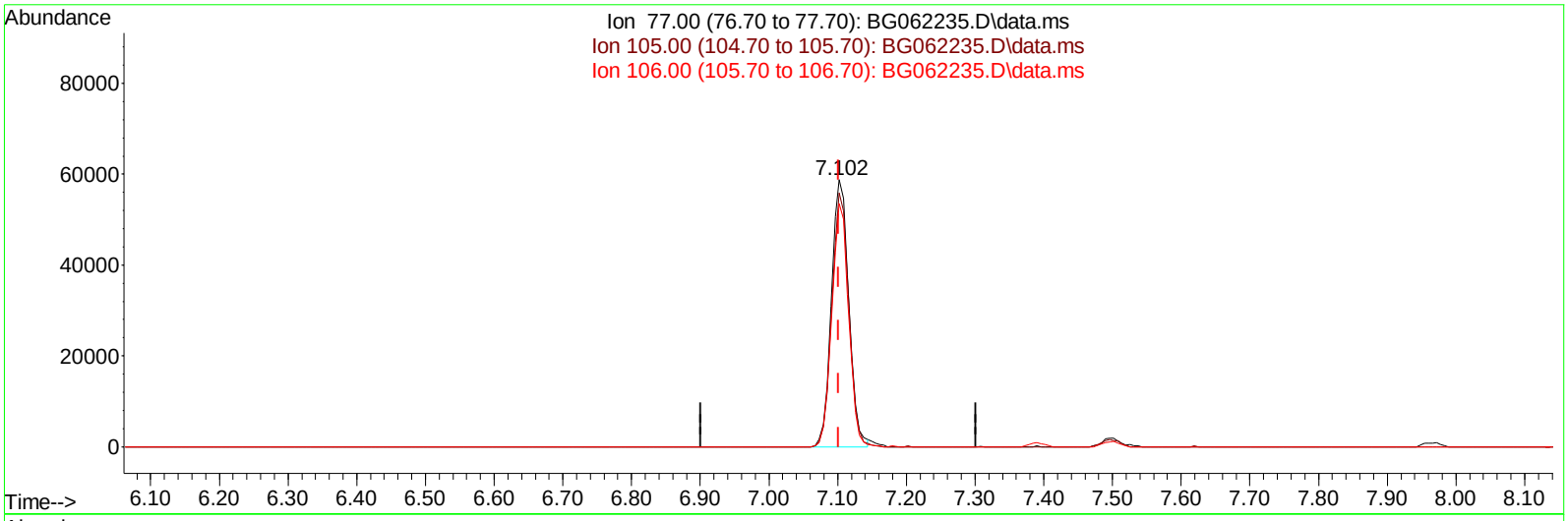

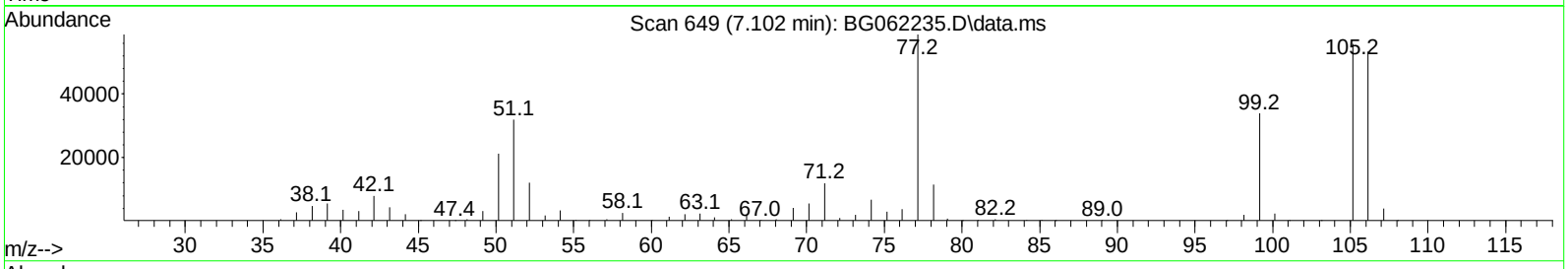

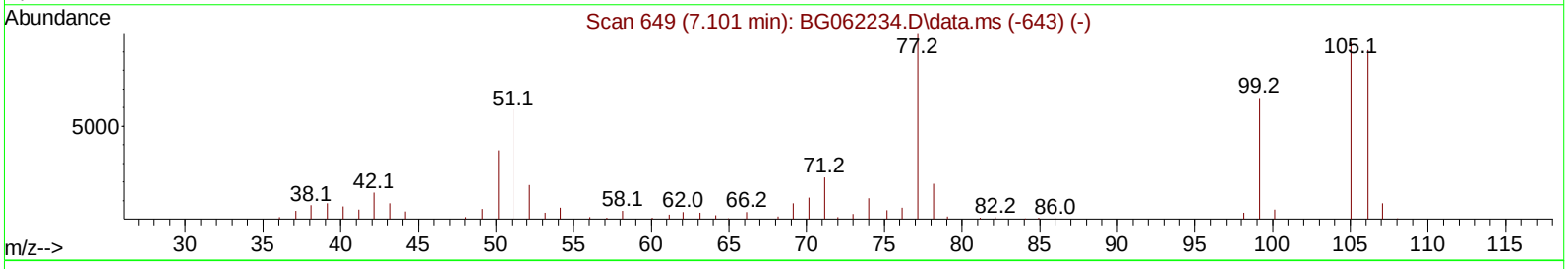

TIC: BG062235.D\data.ms

(6) Benzaldehyde

7.102min (+ 0.001) 42.30 ng/ul m

response 102097

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	95.02
106.00	91.40	91.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
Data File : BG062235.D
Acq On : 5 Aug 2024 12:40
Operator : MA/JU
Sample : SSTD04043
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 05 13:18:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 13:18:00 2024
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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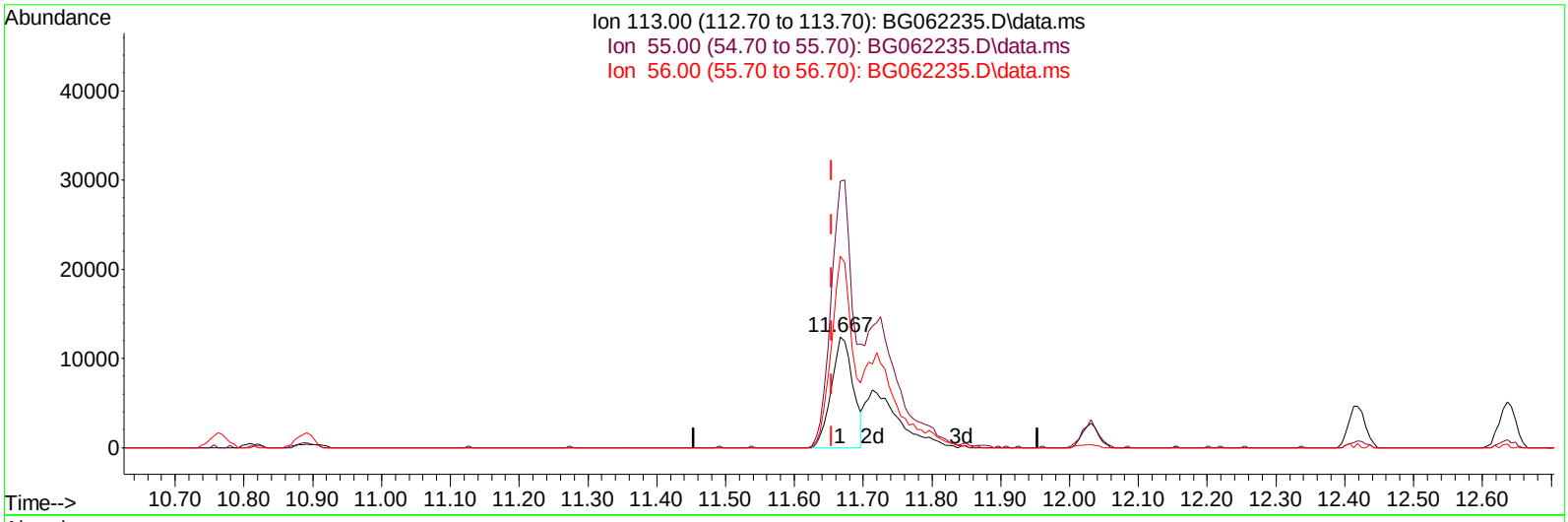

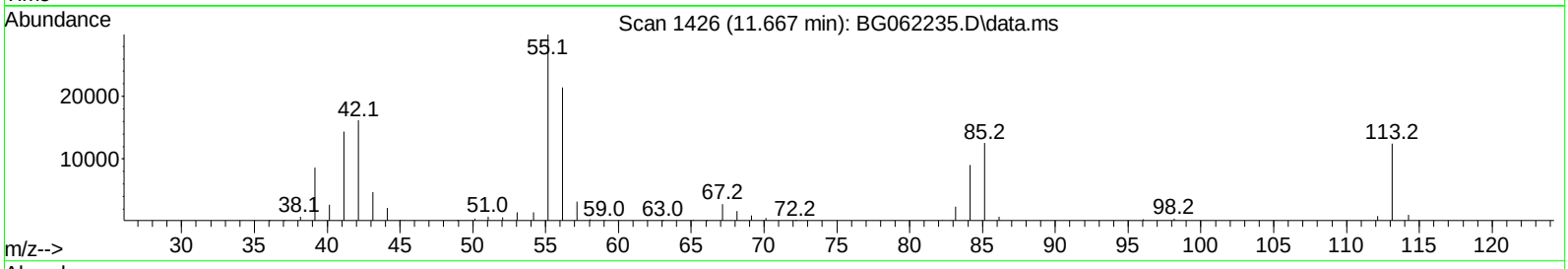

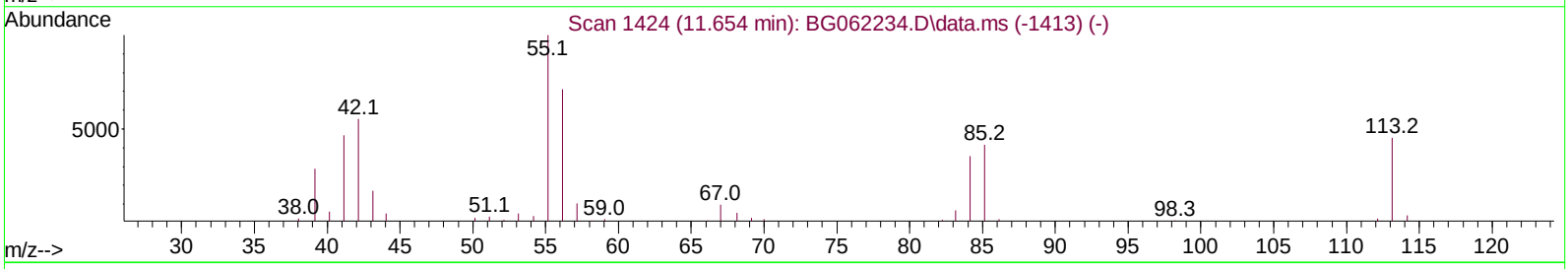

TIC: BG062235.D\data.ms

(34) Caprolactam

11.667min (+ 0.013) 22.57 ng/ul

response 27263

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	240.28
56.00	156.80	172.43
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 5 Aug 2024 12:40
Operator : MA/JU
Sample : SSTD04043
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 05 13:18:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 13:18:00 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040428

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
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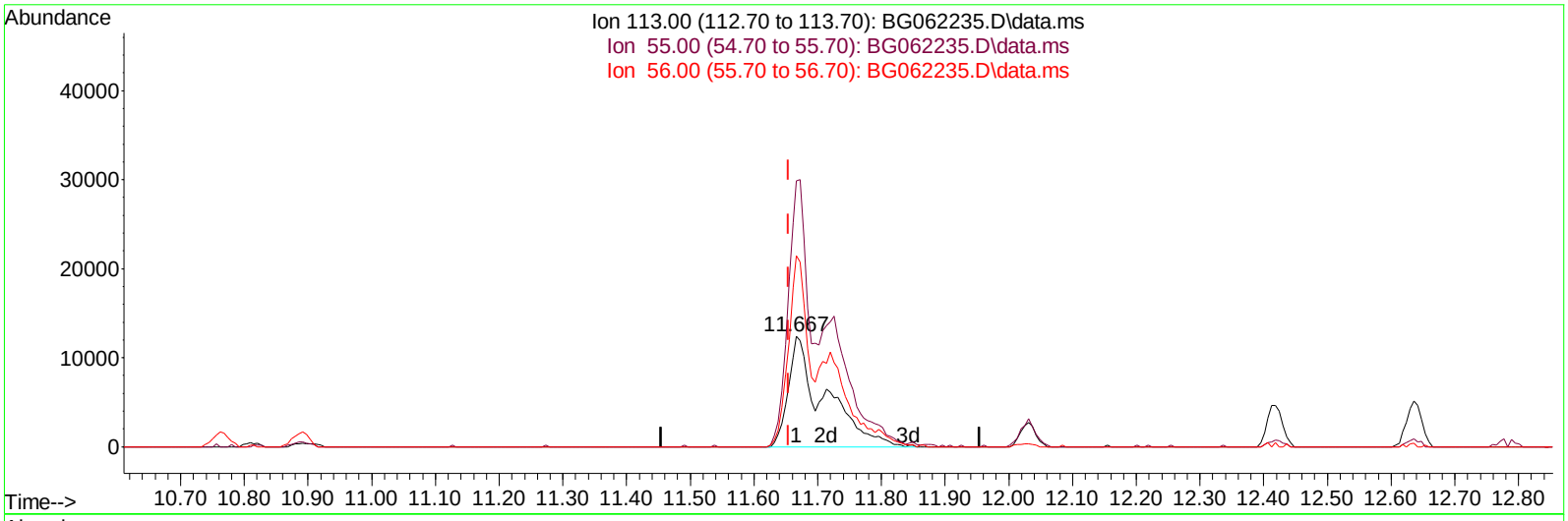

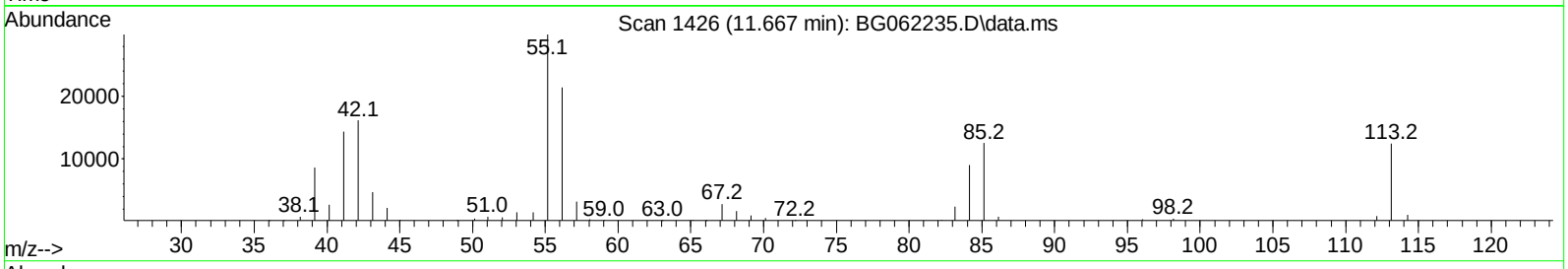

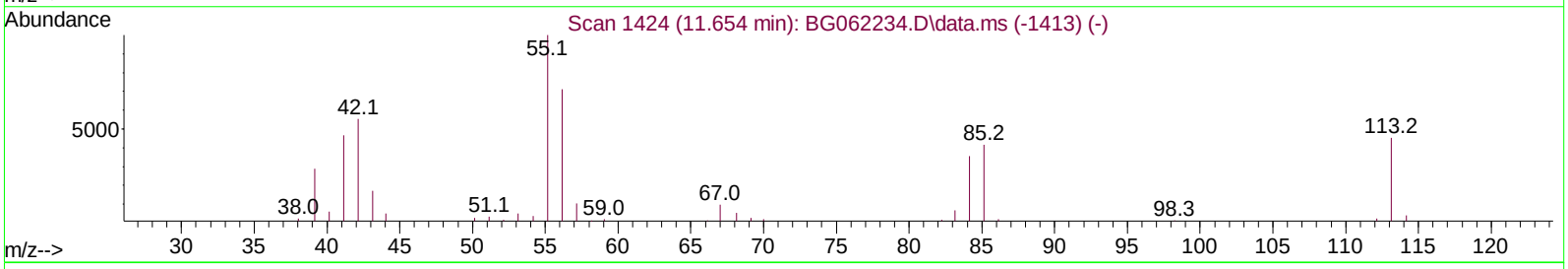

TIC: BG062235.D\data.ms

(34) Caprolactam

11.667min (+ 0.013) 40.90 ng/ul m

response 49399

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	240.28
56.00	156.80	172.43
0.00	0.00	0.00

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Instrument :
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ClientSampleId :
SSTD040428

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	43959	20.000	ng/ul	0.00
20) Naphthalene-d8	10.762	136	206236	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	151592	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.330	188	341001	20.000	ng/ul	0.00
79) Chrysene-d12	21.577	240	326035	20.000	ng/ul	0.00
88) Perylene-d12	24.679	264	379383	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	16342	15.584	ng/uL	0.00
4) Pyridine-d5	3.830	84	128359	39.360	ng/ul	0.00
7) Phenol-d5	7.120	99	168213	40.371	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.296	67	102737	38.742	ng/ul	0.00
11) 2-Chlorophenol-d4	7.496	132	123618	45.258	ng/ul	0.00
15) 4-Methylphenol-d8	8.665	113	140301	40.418	ng/ul	0.00
21) Nitrobenzene-d5	9.117	128	55915	59.905	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	55642	64.405	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.380	165	141496	45.978	ng/ul	0.00
31) 4-Chloroaniline-d4	10.885	131	200650	39.473	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	466921	41.130	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	540036	40.298	ng/ul	0.00
54) 4-Nitrophenol-d4	14.768	143	68625	48.133	ng/ul	0.00
60) Fluorene-d10	15.579	176	420027	38.709	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.691	200	38995	43.369	ng/ul	0.00
73) Anthracene-d10	17.430	188	654088	39.446	ng/ul	0.00
81) Pyrene-d10	19.709	212	778495	39.586	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.467	264	820451	40.697	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	16395	12.920	ng/uL	95
5) Pyridine	3.848	79	130291	38.522	ng/ul	99
6) Benzaldehyde	7.102	77	102097m	42.296	ng/ul	
8) Phenol	7.143	94	176663	40.787	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.390	93	132450	39.856	ng/ul	94
12) 2-Chlorophenol	7.531	128	130477	44.728	ng/ul	94
13) 2-Methylphenol	8.401	108	135288	40.249	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.489	45	265415	37.995	ng/ul	98
16) Acetophenone	8.788	105	225941	39.273	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.777	70	121826	40.231	ng/ul	95
18) 4-Methylphenol	8.730	108	149655	40.143	ng/ul	94
19) Hexachloroethane	9.053	117	47183	42.746	ng/ul	97
22) Nitrobenzene	9.164	77	157758	55.389	ng/ul	98
23) Isophorone	9.693	82	348070	38.706	ng/ul	98
25) 2-Nitrophenol	9.875	139	66231	62.468	ng/ul	98
26) 2,4-Dimethylphenol	9.934	107	168533	41.893	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.175	93	193580	38.805	ng/ul	98
29) 2,4-Dichlorophenol	10.404	162	145304	46.251	ng/ul	99
30) Naphthalene	10.815	128	466732	39.520	ng/ul	98
32) 4-Chloroaniline	10.915	127	197967	39.830	ng/ul	99
33) Hexachlorobutadiene	11.109	225	105530	41.076	ng/ul	98
34) Caprolactam	11.667	113	49399m	40.899	ng/ul	
35) 4-Chloro-3-methylphenol	12.031	107	163071	43.056	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.419	142	319622	39.007	ng/ul	98
37) 1-Methylnaphthalene	12.636	142	320472	38.324	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.783	216	193916	38.359	ng/ul	99
40) Hexachlorocyclopentadiene	12.771	237	74422	32.795	ng/ul	98
41) 2,4,6-Trichlorophenol	13.018	196	117787	45.829	ng/ul	97
42) 2,4,5-Trichlorophenol	13.088	196	127951	44.999	ng/ul	95
43) 1,1'-Biphenyl	13.429	154	440495	37.069	ng/ul	97
44) 2-Chloronaphthalene	13.464	162	340467	37.055	ng/ul	99
45) 2-Nitroaniline	13.658	65	105495	63.769	ng/ul	91
47) Dimethylphthalate	14.046	163	469199	40.543	ng/ul	99
48) 2,6-Dinitrotoluene	14.158	165	75111	63.440	ng/ul	97
50) Acenaphthylene	14.310	152	570049	39.779	ng/ul	98
51) 3-Nitroaniline	14.481	138	78597	51.134	ng/ul	96
52) Acenaphthene	14.651	153	420588	39.646	ng/ul	98
53) 2,4-Dinitrophenol	14.686	184	24400	41.143	ng/ul#	82
55) 4-Nitrophenol	14.780	109	60042	45.260	ng/ul	93
56) Dibenzofuran	14.986	168	579217	38.995	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	103745	61.715	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.209	232	118608	48.426	ng/ul	97
59) Diethylphthalate	15.421	149	472882	40.935	ng/ul	99
61) Fluorene	15.638	166	451226	38.280	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.632	204	230426	37.899	ng/ul	98
63) 4-Nitroaniline	15.644	138	77509	45.895	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.702	198	45783	44.694	ng/ul	94
67) N-Nitrosodiphenylamine	15.843	169	407470	39.636	ng/ul	99
68) 4-Bromophenyl-phenylether	16.525	248	155881	40.086	ng/ul	99
69) Hexachlorobenzene	16.637	284	179365	40.423	ng/ul	99
70) Atrazine	16.795	200	155814	40.161	ng/ul	97
71) Pentachlorophenol	16.977	266	97569	42.089	ng/ul	100
72) Phenanthrene	17.371	178	760511	39.386	ng/ul	99
74) Anthracene	17.465	178	779586	39.577	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.388	216	197594	39.350	ng/ul	100
76) Pentachlorobenzene	14.909	250	212847	40.905	ng/ul	95
77) Carbazole	17.723	167	655475	40.135	ng/ul	99
78) Di-n-butylphthalate	18.311	149	785150	43.231	ng/ul	99
80) Fluoranthene	19.380	202	885680	39.876	ng/ul	98
82) Pyrene	19.738	202	940181	39.516	ng/ul	99
83) Butylbenzylphthalate	20.643	149	339438	47.628	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.477	252	307663	41.285	ng/ul	99
85) Benzo(a)anthracene	21.553	228	952365	39.932	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.506	149	519794	47.063	ng/ul	98
87) Chrysene	21.624	228	893685	39.487	ng/ul	99
89) Di-n-octyl phthalate	22.693	149	901380	45.604	ng/ul	100
90) Benzo(b)fluoranthene	23.703	252	937127	40.638	ng/ul	99
91) Benzo(k)fluoranthene	23.768	252	933437	40.054	ng/ul	99
93) Benzo(a)pyrene	24.538	252	879941	40.632	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.191	276	1152613	41.053	ng/ul	98
95) Dibenzo(a,h)anthracene	28.256	278	950318	42.148	ng/ul	99
96) Benzo(g,h,i)perylene	29.278	276	878356	40.842	ng/ul	99

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